Test Report issued under the responsibility of:

TEST REPORT
IEC 60335-2-40
Safety of household and similar electrical appliances
Part 2-40: Particular requirements for electrical heat pumps, air conditioners and dehumidifiers

Report Number. ....:	50039728 001
Date of issue...................................:	2016.03.25
Total number of pages...................:	547
Applicant's name............................:	**Toshiba Carrier (Thailand) Co., Ltd.**
Address ....:	144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand
Test specification:	
Standard...:	IEC 60335-2-40:2002 (Fourth Edition) + A1:2005 (incl. Corr.1:2006) + A2:2005 in conjunction with IEC 60335-1:2010 (Fifth Edition)
Test procedure ....:	CB Scheme
Non-standard test method………..:	N/A
Test Report Form No. ....:	IEC60335_2_40J
Test Report Form(s) Originator ....:	VDE
Master TRF......................................:	Dated 2014-06

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

Test item description .... :	**Air Conditioner (Split-type)**
Trade Mark...................................... :	**TOSHIBA**
Manufacturer.................................. :	Same as Applicant
Model/Type reference.................... :	MMU-AP0 series, MMD-AP0 series, MMC-AP0 series, MMK-AP0 series, MML-AP0 series, MMF-AP0 series, MMD-VN series, MMD-VNK series, MMY-MAP series, RBM-Y series (For details, see test report)
Ratings.. :	AC 220-240V, 50Hz, AC220V, 60Hz AC 380-415V, 3N, 50Hz AC380V, 3N, 50Hz IPX4 (outdoor unit); Refrigerant: R-410A; Class I (For details, see test report)

Testing procedure and testing location:			
☒	**CB Testing Laboratory:**	**TÜV Rheinland Thailand Ltd.**	
Testing location/ address .... :		Global Technology Assessment Center (GTAC); 123/1, Floor 1-2, Soi Chalongkung 31, Ladkrabang Industrial Estate, Lamplatew, Ladkrabang, Bangkok 10520, THAILAND	
☐	Associated CB Testing Laboratory:		
Testing location/ address .... :			
Tested by (name + signature)......................... :		Pasiwat Phonsawang	Pat. P
Approved by (name + signature) .... :		Prayook Rattanavit	
☐	Testing procedure: TMP/CTF Stage 1:		
Testing location/ address .... :			
Tested by (name + signature)......................... :			
Approved by (name + signature) .... :			
☐	Testing procedure: WMT/CTF Stage 2:		
Testing location/ address .... :			
Tested by (name + signature)......................... :			
Witnessed by (name + signature)................... :			
Approved by (name + signature) .... :			
☐	Testing procedure: SMT/CTF Stage 3 or 4:		
Testing location/ address .... :			
Tested by (name + signature)......................... :			
Witnessed by (name + signature)................... :			
Approved by (name + signature) .... :			
Supervised by (name + signature)................. :			

List of Attachments (including a total number of pages in each attachment):	
- Attachment 1: Photographic Documentation (page 376-547)	
Summary of testing:	
Tests performed (name of test and test clause): Testing and consideration according to below clauses, annexes have been conducted: -Clause 7: Marking and instructions -Clause 8: Protection against access to live parts -Clause 10: Power input -Clause 11: Heating -Clause 13: Leakage current and electric strength at operating temperature -Clause 15: Moisture resistance -Clause 16: Leakage current and electric strength -Clause 17: Overload projection of Transformer -Clause 19: Abnormal operation -Clause 20: Stability and mechanical hazards -Clause 21: Mechanical strength -Clause 22: Construction -Clause 23: Internal wiring -Clause 24: Components -Clause 25: Supply connection and external flexible cord -Clause 26: Terminals for external conductors -Clause 27: Provision for earthing -Clause 28: Screws and connections -Clause 29: Clearances, creepage distances and solid insulation -Clause 30: Resistance to heat and fire -Clause 31: Resistance to rusting - Annex N: Proof tracking test	**Testing location:** **TÜV Rheinland Thailand Ltd.** Global Technology Assessment Center (GTAC); 123/1, Floor 1-2, Soi Chalongkung 31, Ladkrabang Industrial Estate, Lamplatew, Ladkrabang, Bangkok 10520, THAILAND
Summary of compliance with National Differences: **List of countries addressed: N/A**	
☒ **The product fulfils the requirements of** IEC 60335-2-40:2002 (Fourth Edition) + A1:2005 (incl. Corr.1:2006) + A2:2005 in conjunction with IEC 60335-1:2010 (Fifth Edition)	

Copy of marking plate:

Indoor unit: (4-way Air Discharge Cassette)

TOSHIBA AIR CONDITIONER
MODEL MMU-AP0094HP-E
220-240V ~ 50Hz
220V ~ 60Hz
57 W
COOLING CAPACITY 2.8 kW
HEATING CAPACITY 3.2 kW
AMP 50Hz 0.23 A
60Hz 0.24 A
NET WEIGHT 18 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048801

TOSHIBA AIR CONDITIONER
MODEL MMU-AP0124HP-E
220-240V ~ 50Hz
220V ~ 60Hz
57 W
COOLING CAPACITY 3.6 kW
HEATING CAPACITY 4.0 kW
AMP 50Hz 0.23 A
60Hz 0.24 A
NET WEIGHT 18 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048802

TOSHIBA AIR CONDITIONER
MODEL MMU-AP0154HP-E
220-240V ~ 50Hz
220V ~ 60Hz
80 W
COOLING CAPACITY 4.5 kW
HEATING CAPACITY 5.0 kW
AMP 50Hz 0.27 A
60Hz 0.28 A
NET WEIGHT 20 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048803

TOSHIBA AIR CONDITIONER
MODEL MMU-AP0184HP-E
220-240V ~ 50Hz
220V ~ 60Hz
80 W
COOLING CAPACITY 5.6 kW
HEATING CAPACITY 6.3 kW
AMP 50Hz 0.29 A
60Hz 0.30 A
NET WEIGHT 20 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048804

TOSHIBA AIR CONDITIONER
MODEL MMU-AP0244HP-E
220-240V ~ 50Hz
220V ~ 60Hz
88 W
COOLING CAPACITY 7.1 kW
HEATING CAPACITY 8.0 kW
AMP 50Hz 0.38 A
60Hz 0.39 A
NET WEIGHT 20 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048805

TOSHIBA AIR CONDITIONER
MODEL MMU-AP0274HP-E
220-240V ~ 50Hz
220V ~ 60Hz
88 W
COOLING CAPACITY 8.0 kW
HEATING CAPACITY 9.0 kW
AMP 50Hz 0.38 A
60Hz 0.39 A
NET WEIGHT 20 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048806

Copy of marking plate: (Continued)

Indoor unit: (4-way Air Discharge Cassette)

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0304HP-E
220-240V ~ 50Hz
220V ~ 60Hz
88 W

COOLING CAPACITY	9.0 kW
HEATING CAPACITY	10.0 kW
AMP 50Hz	0.43 A
60Hz	0.45 A
NET WEIGHT	20 kg

The production year 2014
SERIAL NO. 43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048807

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0364HP-E
220-240V ~ 50Hz
220V ~ 60Hz
125 W

COOLING CAPACITY	11.2 kW
HEATING CAPACITY	12.5 kW
AMP 50Hz	0.73 A
60Hz	0.76 A
NET WEIGHT	25 kg

The production year 2014
SERIAL NO. 43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048808

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0484HP-E
220-240V ~ 50Hz
220V ~ 60Hz
125 W

COOLING CAPACITY	14.0 kW
HEATING CAPACITY	16.0 kW
AMP 50Hz	0.88 A
60Hz	0.92 A
NET WEIGHT	25 kg

The production year 2014
SERIAL NO. 43200005

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048809

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0564HP-E
220-240V ~ 50Hz
220V ~ 60Hz
125 W

COOLING CAPACITY	16.0 kW
HEATING CAPACITY	18.0 kW
AMP 50Hz	0.88 A
60Hz	0.92 A
NET WEIGHT	25 kg

The production year 2014
SERIAL NO. 43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048810

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0094HP-TR
220-240V ~ 50 Hz
220V ~ 60 Hz
57 W

COOLING CAPACITY	2.8 kW
HEATING CAPACITY	3.2 kW
AMP 50Hz	0.23 A
60Hz	0.24 A
NET WEIGHT	18 kg

The production year 2012
SERIAL NO. 23190003

Information according to Turkish Regulation No.24773
Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.Ş.
Adres : GOSB-Gebze Organize San.Bol.
Şahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048811

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0124HP-TR
220-240V ~ 50 Hz
220V ~ 60 Hz
57 W

COOLING CAPACITY	3.6 kW
HEATING CAPACITY	4.0 kW
AMP 50Hz	0.23 A
60Hz	0.24 A
NET WEIGHT	18 kg

The production year 2012
SERIAL NO. 23190003

Information according to Turkish Regulation No.24773
Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.Ş.
Adres : GOSB-Gebze Organize San.Bol.
Şahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048812

Copy of marking plate: (Continued)

Indoor unit: (4-way Air Discharge Cassette)

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0154HP-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
80 W

COOLING CAPACITY 4.5 kW
HEATING CAPACITY 5.0 kW
AMP 50Hz 0.27 A
60Hz 0.28 A
NET WEIGHT 20 kg

The production year 2009
SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048813

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0184HP-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
80 W

COOLING CAPACITY 5.6 kW
HEATING CAPACITY 6.3 kW
AMP 50Hz 0.29 A
60Hz 0.30 A
NET WEIGHT 20 kg

The production year 2012
SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048814

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0244HP-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
88 W

COOLING CAPACITY 7.1 kW
HEATING CAPACITY 8.0 kW
AMP 50Hz 0.38 A
60Hz 0.39 A
NET WEIGHT 20 kg

The production year 2012
SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048816

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0274HP-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
88 W

COOLING CAPACITY 8.0 kW
HEATING CAPACITY 9.0 kW
AMP 50Hz 0.38 A
60Hz 0.39 A
NET WEIGHT 20 kg

The production year 2012
SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048816

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0304HP-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
88 W

COOLING CAPACITY 9.0 kW
HEATING CAPACITY 10.0 kW
AMP 50Hz 0.43 A
60Hz 0.45 A
NET WEIGHT 20 kg

The production year 2012
SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048817

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0364HP-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
125 W

COOLING CAPACITY 11.2 kW
HEATING CAPACITY 12.5 kW
AMP 50Hz 0.73 A
60Hz 0.76 A
NET WEIGHT 25 kg

The production year 2012
SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048818

Copy of marking plate: (Continued)

Indoor unit: (4-way Air Discharge Cassette)

CE

TOSHIBA AIR CONDITIONER

MODEL	MMU-AP0484HP-TR
	220-240V ~ 50 Hz
	220V ~ 60 Hz
	125 W
COOLING CAPACITY	14.0 kW
HEATING CAPACITY	16.0 kW
AMP 50Hz	0.88 A
60Hz	0.92 A
NET WEIGHT	25 kg
The production year	2012
SERIAL NO.	23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048819

CE

TOSHIBA AIR CONDITIONER

MODEL	MMU-AP0564HP-TR
	220-240V ~ 50 Hz
	220V ~ 60 Hz
	125 W
COOLING CAPACITY	16.0 kW
HEATING CAPACITY	18.0 kW
AMP 50Hz	0.88 A
60Hz	0.92 A
NET WEIGHT	25 kg
The production year	2012
SERIAL NO.	23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048820

CE EAC

TOSHIBA AIR CONDITIONER

MODEL	MMU-AP0094HP1-E
	220-240V ~ 50Hz
	220V ~ 60Hz
	57 W
COOLING CAPACITY	2.8 kW
HEATING CAPACITY	3.2 kW
AMP 50Hz	0.23 A
60Hz	0.24 A
NET WEIGHT	18 kg
The production year	2014
SERIAL NO.	43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048801

CE EAC

TOSHIBA AIR CONDITIONER

MODEL	MMU-AP0124HP1-E
	220-240V ~ 50Hz
	220V ~ 60Hz
	57 W
COOLING CAPACITY	3.6 kW
HEATING CAPACITY	4.0 kW
AMP 50Hz	0.23 A
60Hz	0.24 A
NET WEIGHT	18 kg
The production year	2014
SERIAL NO.	43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048802

CE EAC

TOSHIBA AIR CONDITIONER

MODEL	MMU-AP0154HP1-E
	220-240V ~ 50Hz
	220V ~ 60Hz
	80 W
COOLING CAPACITY	4.5 kW
HEATING CAPACITY	5.0 kW
AMP 50Hz	0.27 A
60Hz	0.28 A
NET WEIGHT	20 kg
The production year	2014
SERIAL NO.	43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048803

CE EAC

TOSHIBA AIR CONDITIONER

MODEL	MMU-AP0184HP1-E
	220-240V ~ 50Hz
	220V ~ 60Hz
	80 W
COOLING CAPACITY	5.6 kW
HEATING CAPACITY	6.3 kW
AMP 50Hz	0.29 A
60Hz	0.30 A
NET WEIGHT	20 kg
The production year	2014
SERIAL NO.	43200003

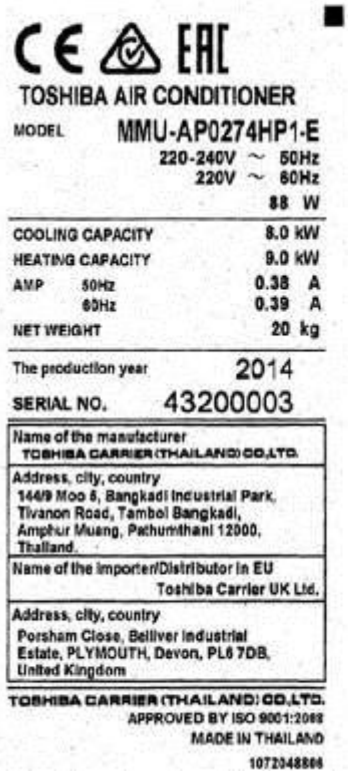
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

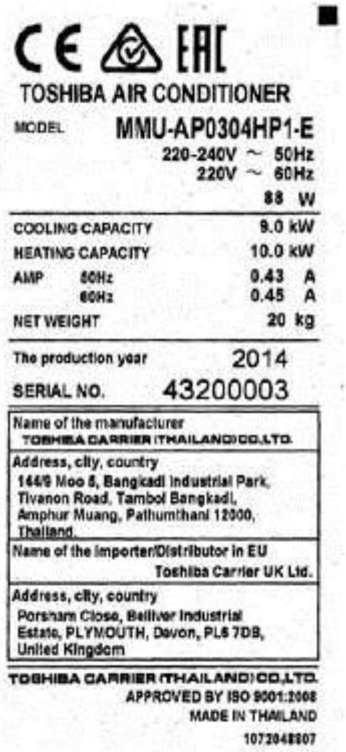
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048804

Copy of marking plate: (Continued)

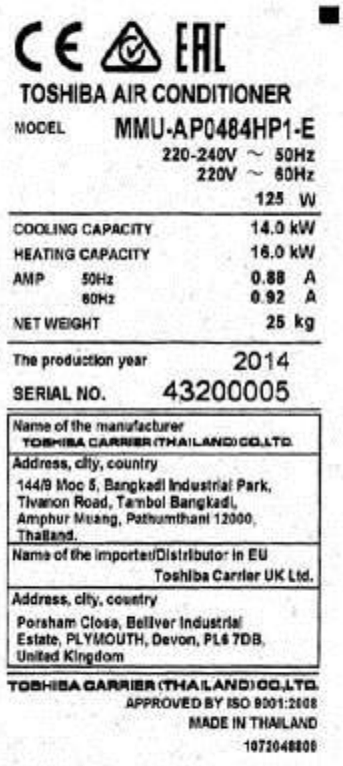
Indoor unit: (4-way Air Discharge Cassette)

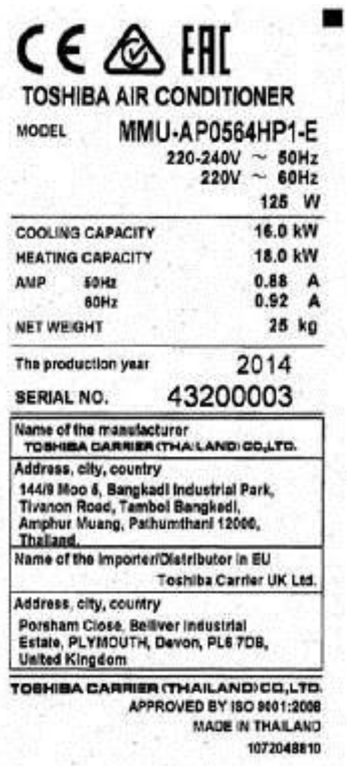

TOSHIBA AIR CONDITIONER
MODEL MMU-AP0244HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
88 W
COOLING CAPACITY 7.1 kW
HEATING CAPACITY 8.0 kW
AMP 50Hz 0.38 A
60Hz 0.39 A
NET WEIGHT 20 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048806


TOSHIBA AIR CONDITIONER
MODEL MMU-AP0274HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
88 W
COOLING CAPACITY 8.0 kW
HEATING CAPACITY 9.0 kW
AMP 50Hz 0.38 A
60Hz 0.39 A
NET WEIGHT 20 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048806


TOSHIBA AIR CONDITIONER
MODEL MMU-AP0304HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
88 W
COOLING CAPACITY 9.0 kW
HEATING CAPACITY 10.0 kW
AMP 50Hz 0.43 A
60Hz 0.45 A
NET WEIGHT 20 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048807


TOSHIBA AIR CONDITIONER
MODEL MMU-AP0364HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
125 W
COOLING CAPACITY 11.2 kW
HEATING CAPACITY 12.5 kW
AMP 50Hz 0.73 A
60Hz 0.76 A
NET WEIGHT 25 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048808


TOSHIBA AIR CONDITIONER
MODEL MMU-AP0484HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
125 W
COOLING CAPACITY 14.0 kW
HEATING CAPACITY 16.0 kW
AMP 50Hz 0.88 A
60Hz 0.92 A
NET WEIGHT 25 kg
The production year 2014
SERIAL NO. 43200005
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048809


TOSHIBA AIR CONDITIONER
MODEL MMU-AP0564HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
125 W
COOLING CAPACITY 16.0 kW
HEATING CAPACITY 18.0 kW
AMP 50Hz 0.88 A
60Hz 0.92 A
NET WEIGHT 25 kg
The production year 2014
SERIAL NO. 43200003
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048810

Copy of marking plate: (Continued)

Indoor unit: (4-way Air Discharge Cassette)

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0094HP1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
57 W

COOLING CAPACITY	2.8 kW
HEATING CAPACITY	3.2 kW
AMP 50Hz	0.23 A
60Hz	0.24 A
NET WEIGHT	18 kg

The production year 2012

SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048811

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0124HP1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
57 W

COOLING CAPACITY	3.6 kW
HEATING CAPACITY	4.0 kW
AMP 50Hz	0.23 A
60Hz	0.24 A
NET WEIGHT	18 kg

The production year 2012

SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048812

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0154HP1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
80 W

COOLING CAPACITY	4.5 kW
HEATING CAPACITY	5.0 kW
AMP 50Hz	0.27 A
60Hz	0.28 A
NET WEIGHT	20 kg

The production year 2009

SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048813

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0184HP1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
80 W

COOLING CAPACITY	5.6 kW
HEATING CAPACITY	6.3 kW
AMP 50Hz	0.29 A
60Hz	0.30 A
NET WEIGHT	20 kg

The production year 2012

SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048814

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0244HP1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
88 W

COOLING CAPACITY	7.1 kW
HEATING CAPACITY	8.0 kW
AMP 50Hz	0.38 A
60Hz	0.39 A
NET WEIGHT	20 kg

The production year 2012

SERIAL NO. 23190003

Information according to Turkish Regulation No.24773

Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048815

CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0274HP1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
88 W

COOLING CAPACITY	8.0 kW
HEATING CAPACITY	9.0 kW
AMP 50Hz	0.38 A
60Hz	0.39 A
NET WEIGHT	20 kg

The production year 2012

SERIAL NO. 23190003

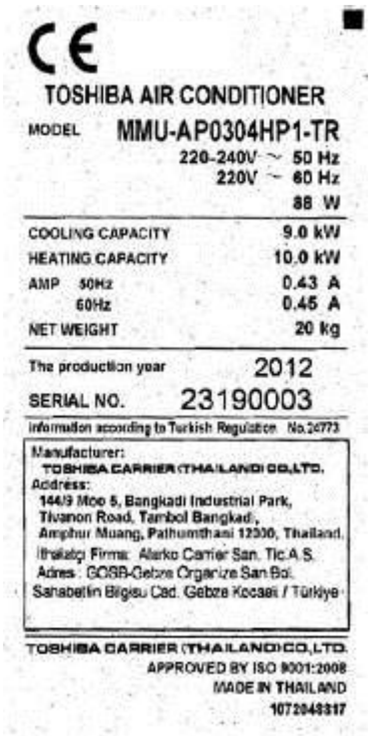
Information according to Turkish Regulation No.24773

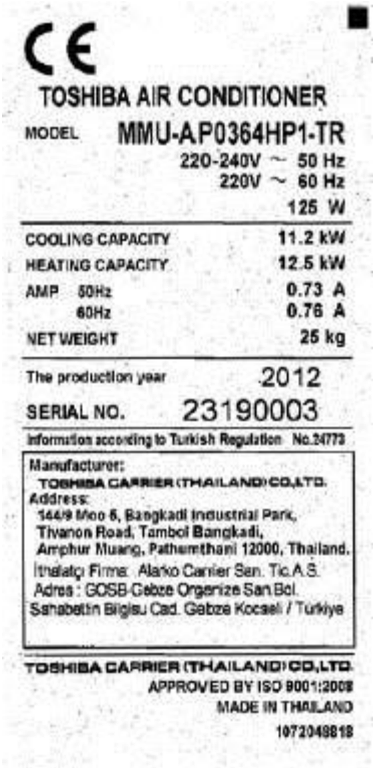
Manufacturer:
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address:
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand.
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

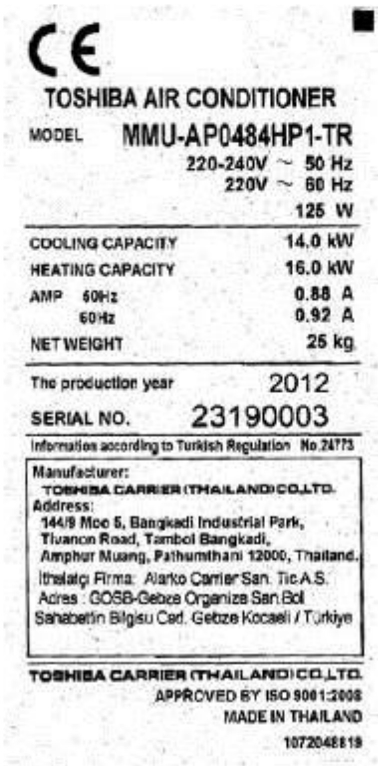
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048816

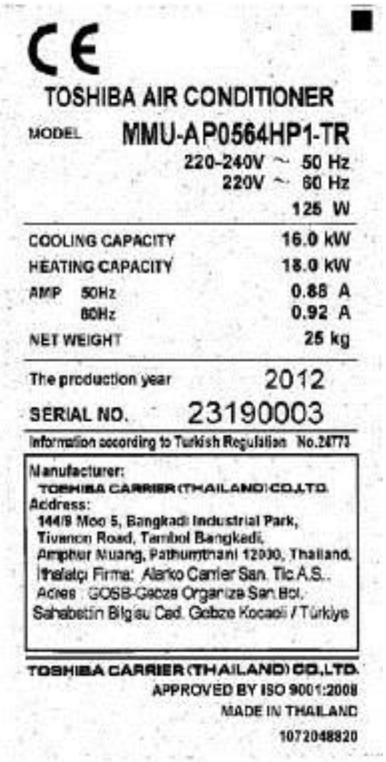
Copy of marking plate: (Continued)

Indoor unit: (4-way Air Discharge Cassette)



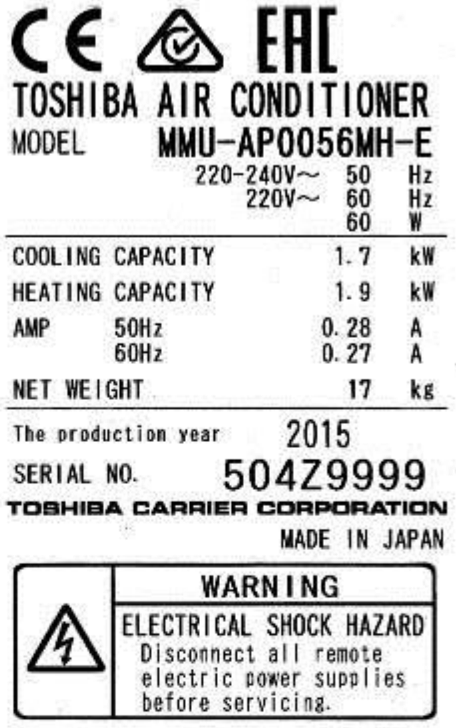


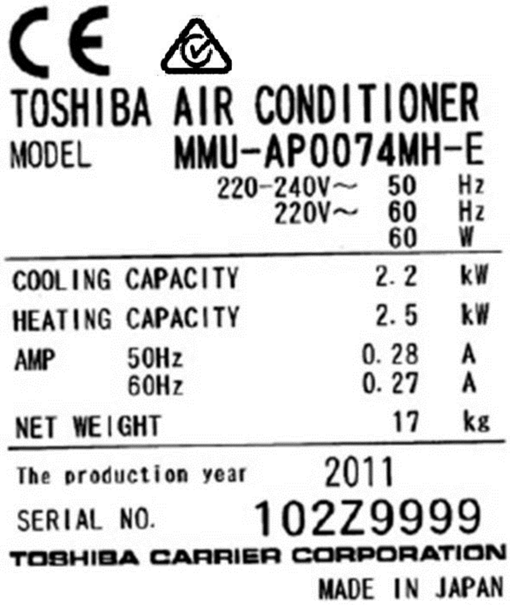


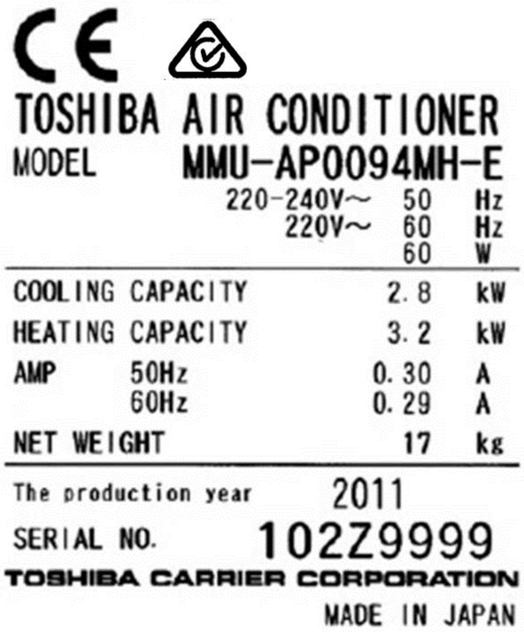


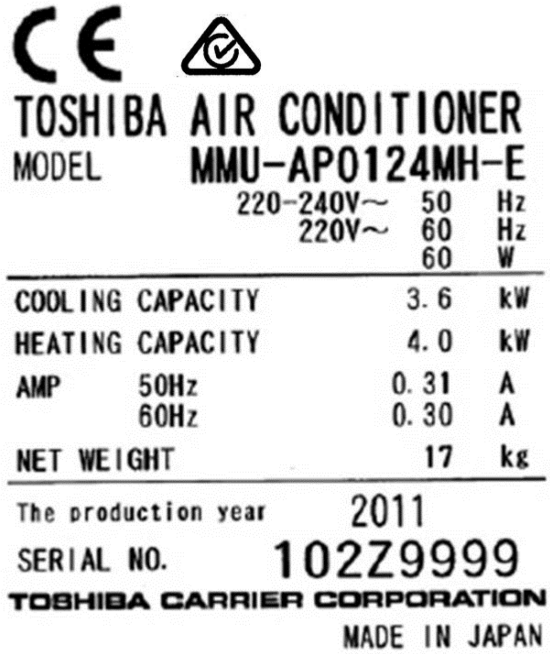
Copy of marking plate: (Continued)

Indoor unit: (Compact 4-way Air Discharge Cassette)



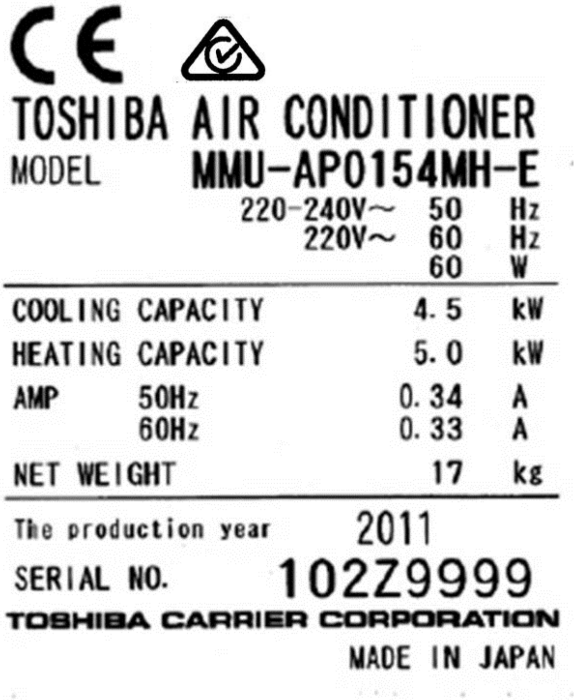


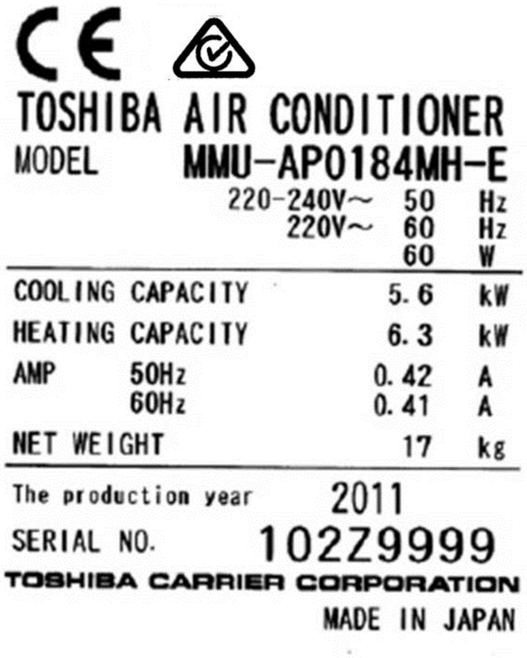


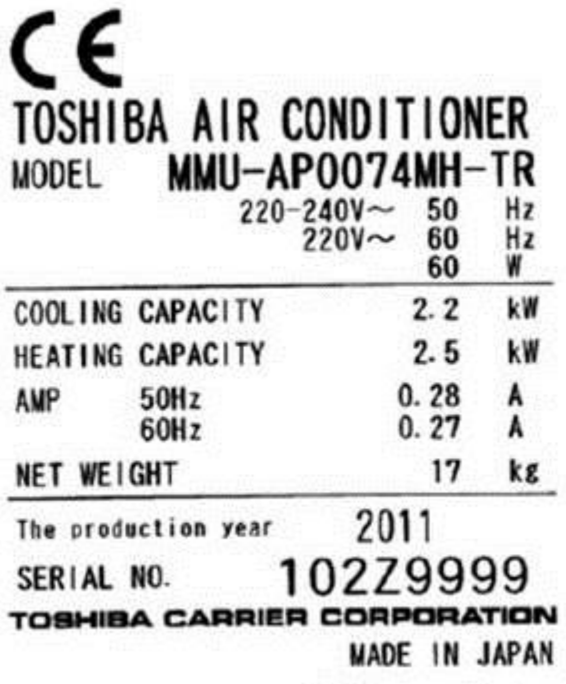


Copy of marking plate: (Continued)

Indoor unit: (Compact 4-way Air Discharge Cassette)

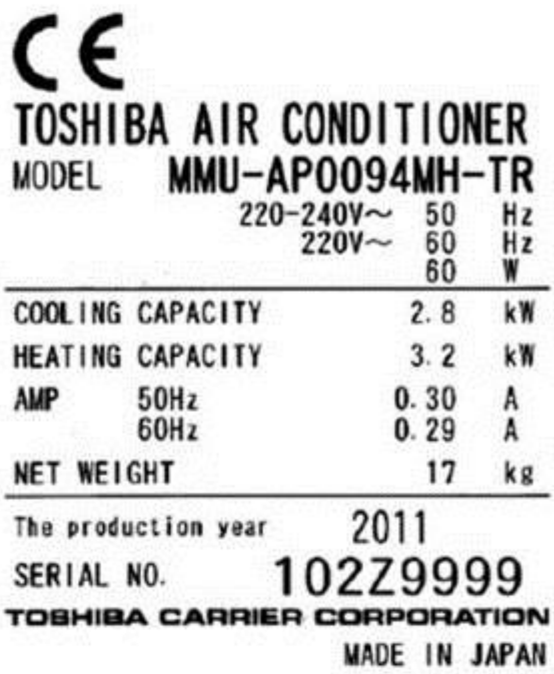


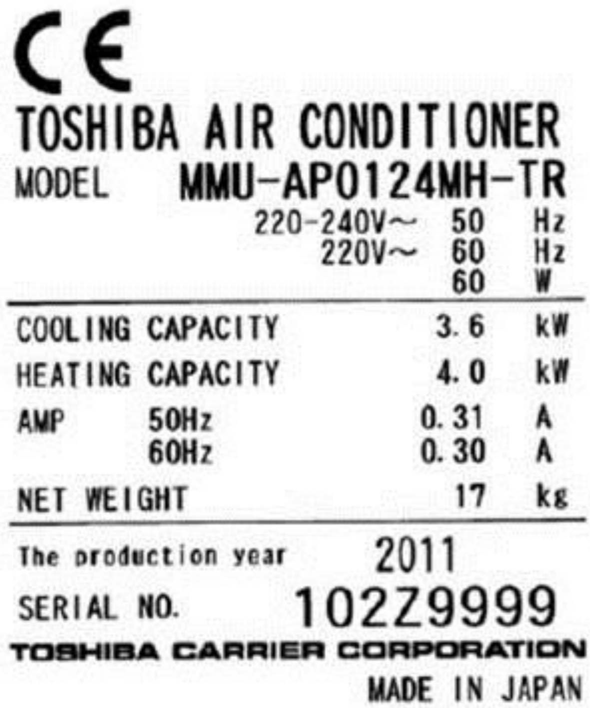


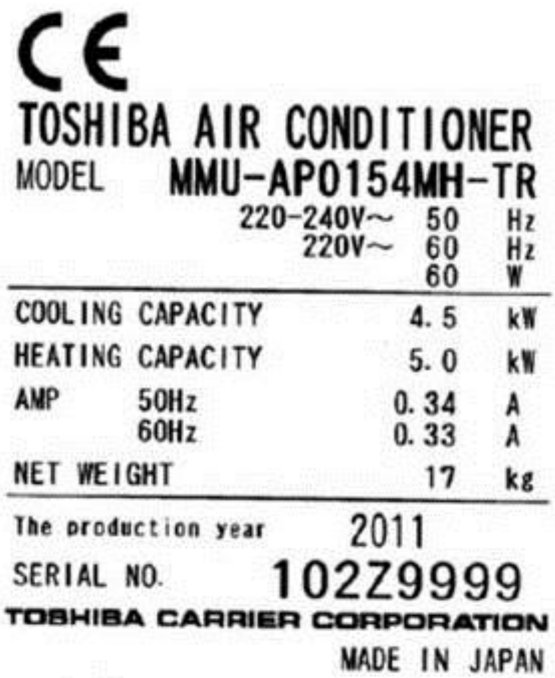


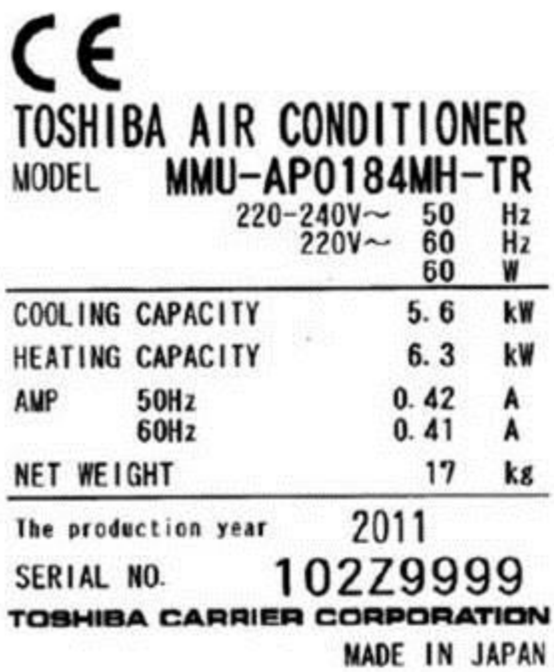
Copy of marking plate: (Continued)

Indoor unit: (Compact 4-way Air Discharge Cassette)



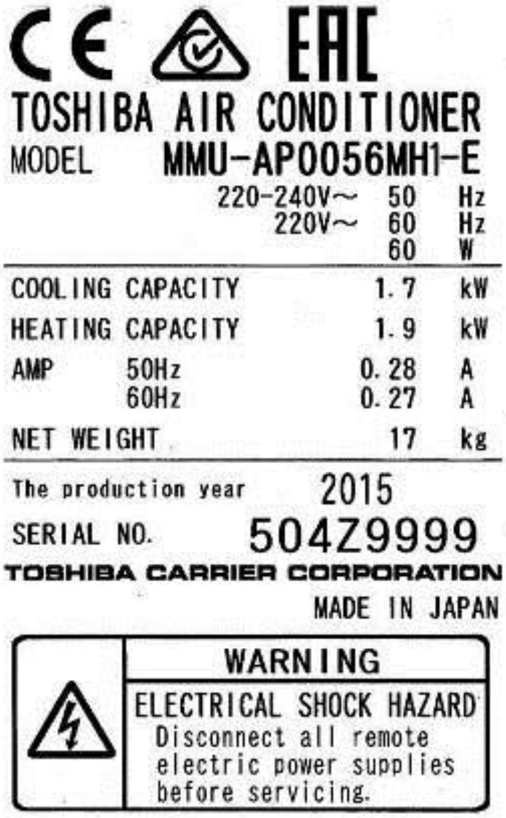


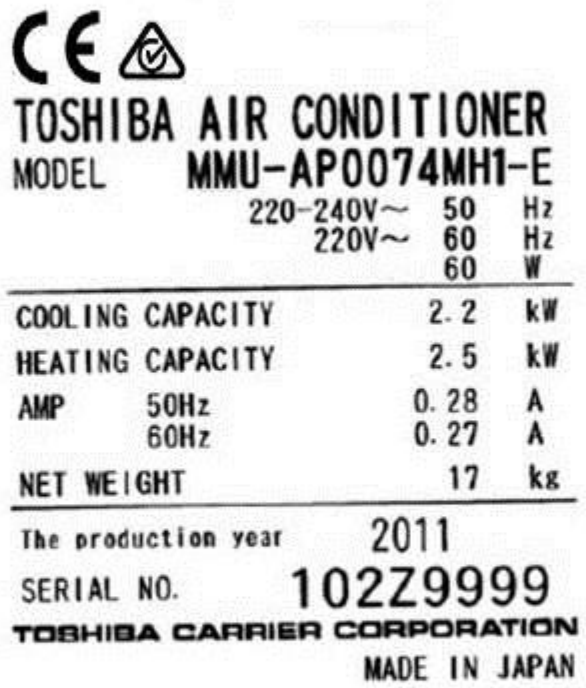


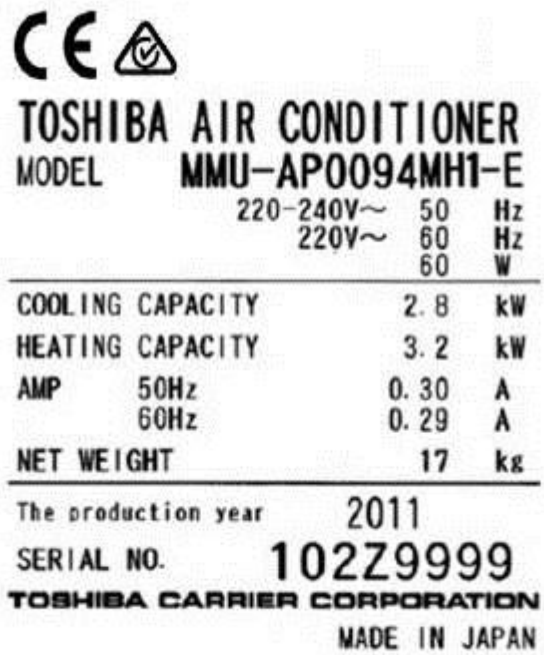


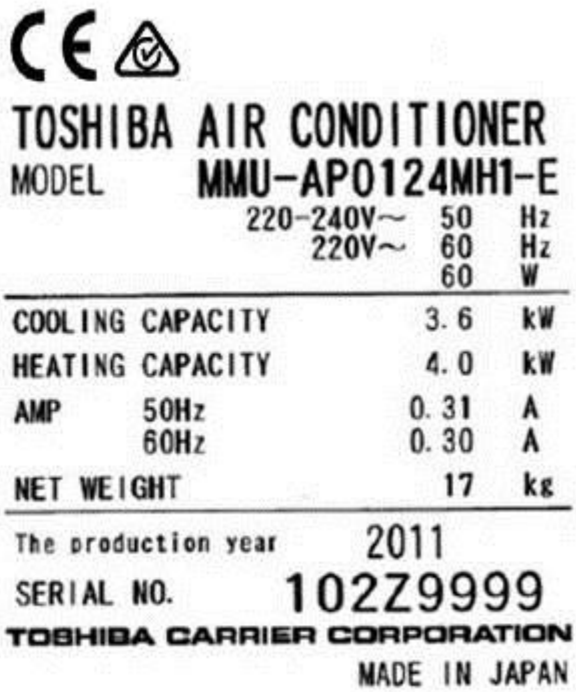
Copy of marking plate: (Continued)

Indoor unit: (Compact 4-way Air Discharge Cassette)



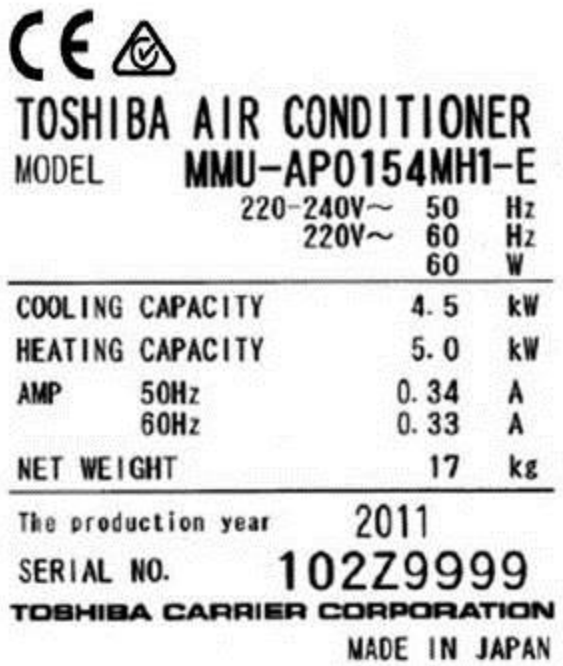


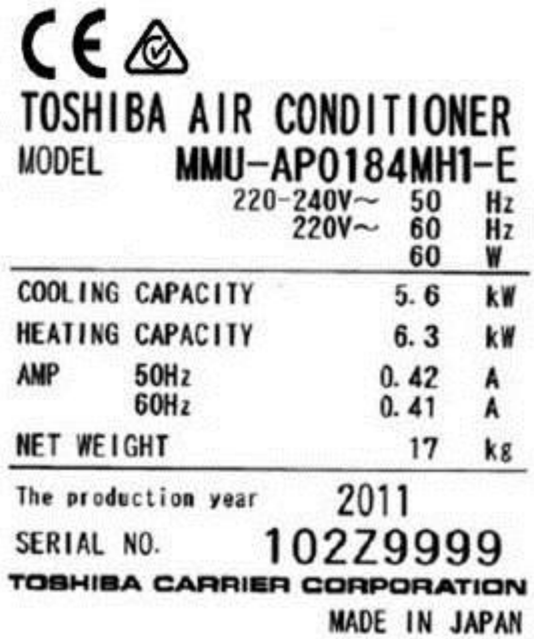


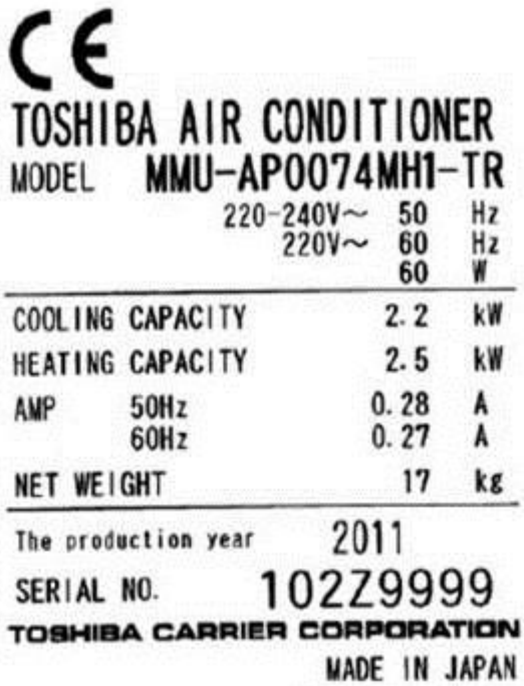


Copy of marking plate: (Continued)

Indoor unit: (Compact 4-way Air Discharge Cassette)

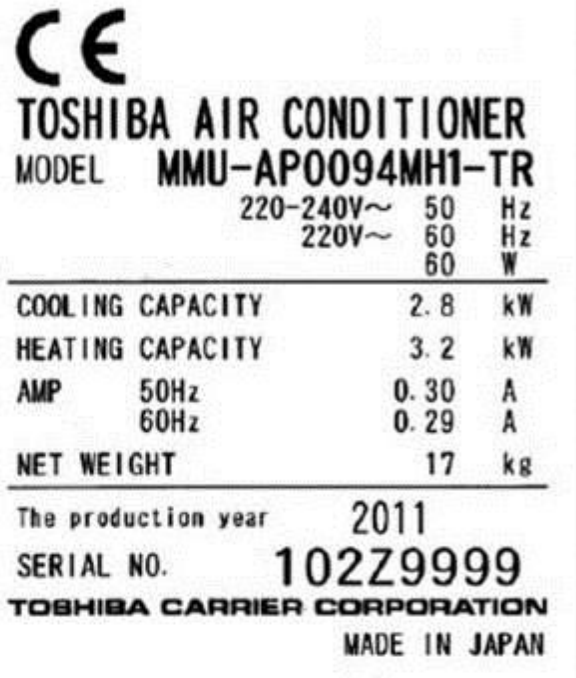






Copy of marking plate: (Continued)

Indoor unit: (Compact 4-way Air Discharge Cassette)



CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0094MH1-TR

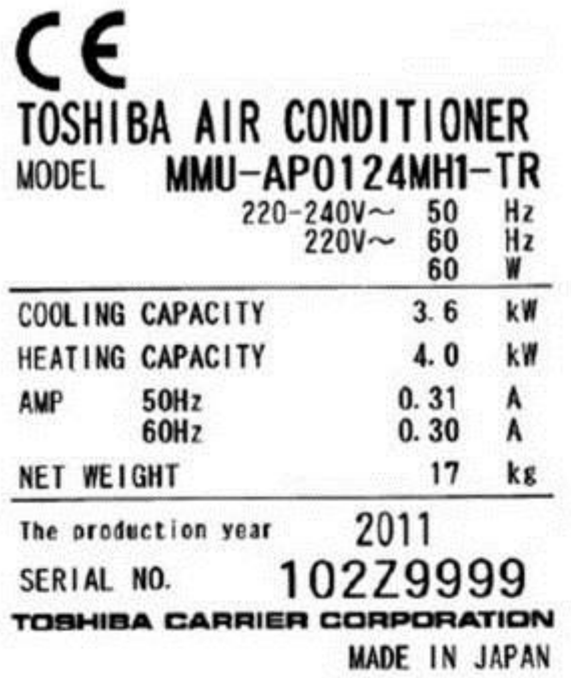
	220-240V~	50	Hz
	220V~	60	Hz
		60	W
COOLING CAPACITY		2.8	kW
HEATING CAPACITY		3.2	kW
AMP	50Hz	0.30	A
	60Hz	0.29	A
NET WEIGHT		17	kg

The production year 2011

SERIAL NO. 102Z9999

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN



CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0124MH1-TR

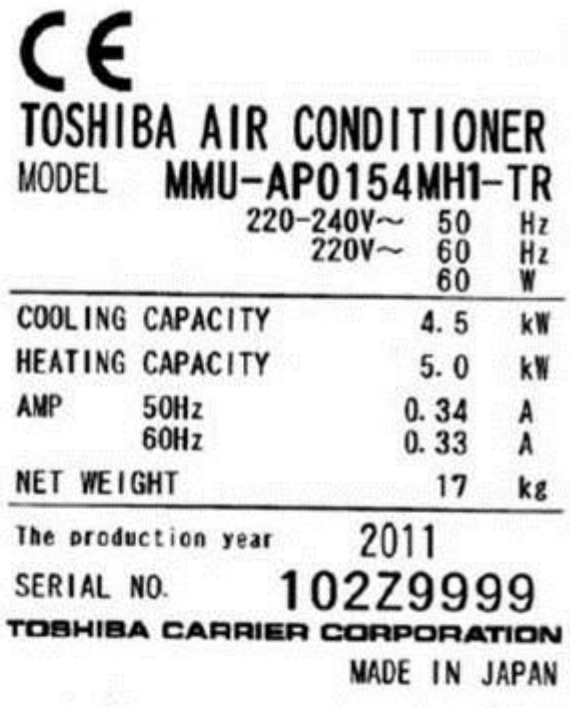
	220-240V~	50	Hz
	220V~	60	Hz
		60	W
COOLING CAPACITY		3.6	kW
HEATING CAPACITY		4.0	kW
AMP	50Hz	0.31	A
	60Hz	0.30	A
NET WEIGHT		17	kg

The production year 2011

SERIAL NO. 102Z9999

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN



CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0154MH1-TR

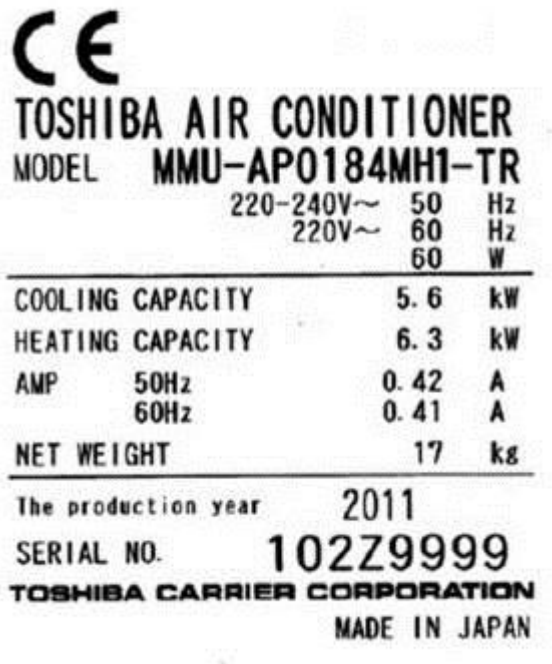
	220-240V~	50	Hz
	220V~	60	Hz
		60	W
COOLING CAPACITY		4.5	kW
HEATING CAPACITY		5.0	kW
AMP	50Hz	0.34	A
	60Hz	0.33	A
NET WEIGHT		17	kg

The production year 2011

SERIAL NO. 102Z9999

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN



CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0184MH1-TR

	220-240V~	50	Hz
	220V~	60	Hz
		60	W
COOLING CAPACITY		5.6	kW
HEATING CAPACITY		6.3	kW
AMP	50Hz	0.42	A
	60Hz	0.41	A
NET WEIGHT		17	kg

The production year 2011

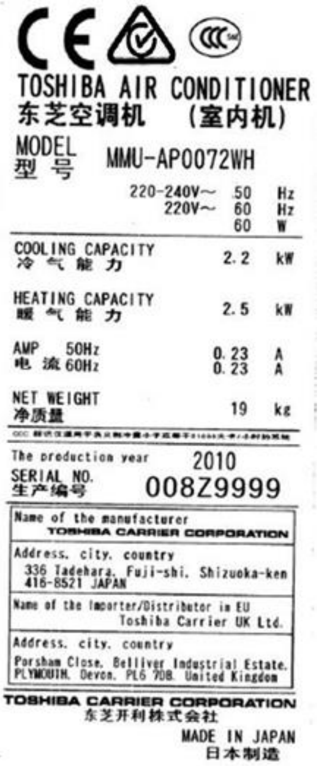
SERIAL NO. 102Z9999

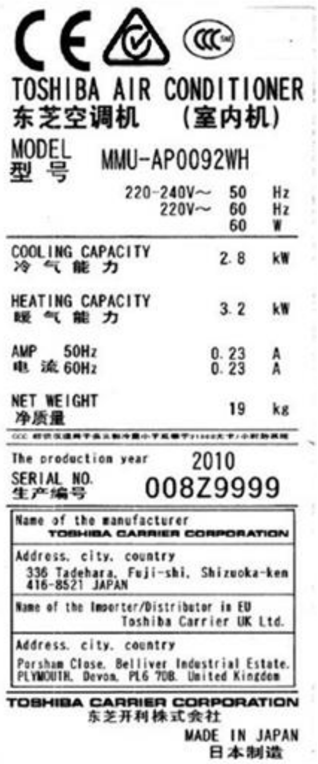
TOSHIBA CARRIER CORPORATION

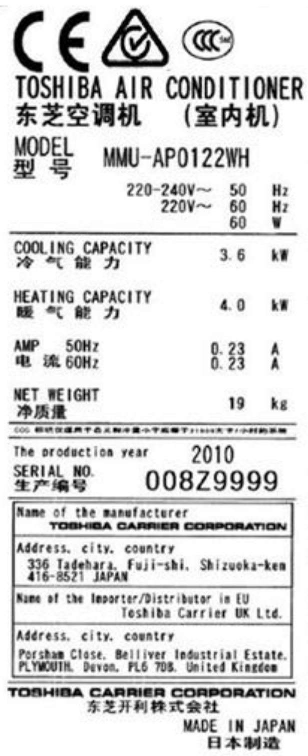
MADE IN JAPAN

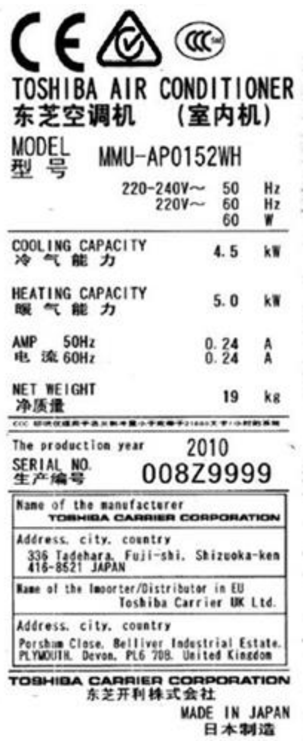
Copy of marking plate: (Continued)

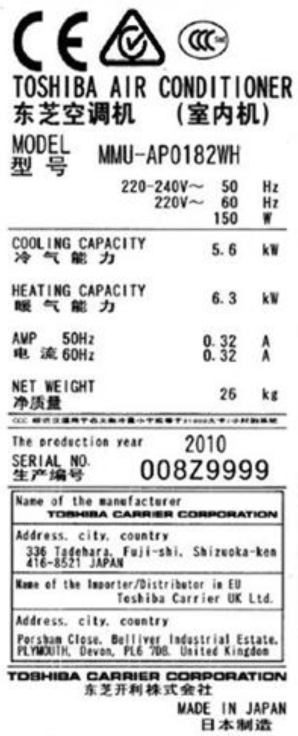
Indoor unit: (2-way Air Discharge Cassette)

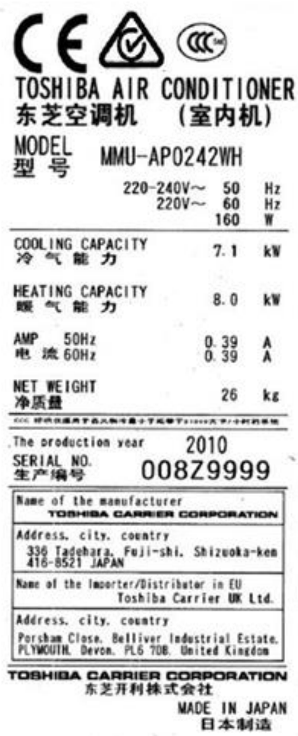






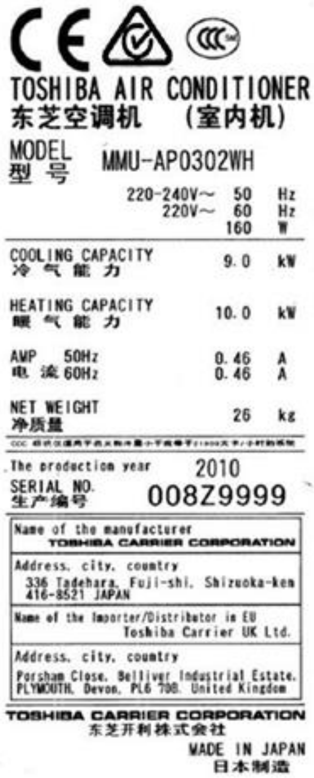


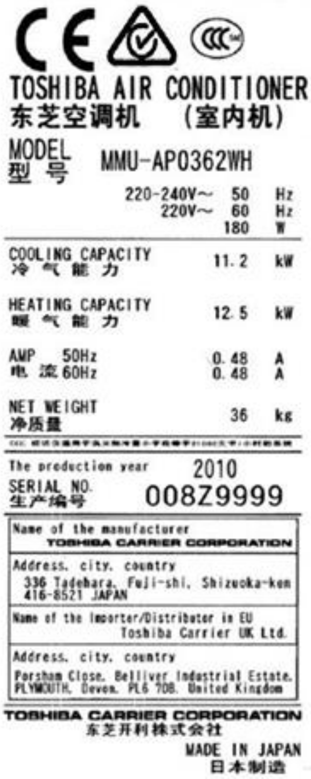


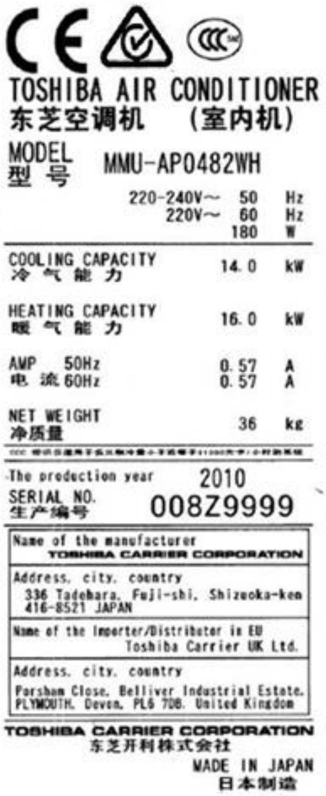


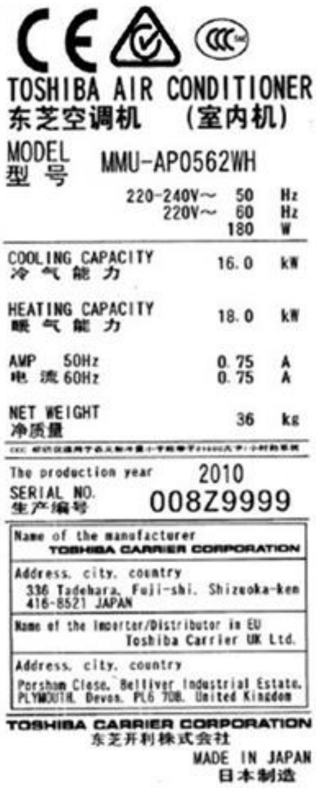
Copy of marking plate: (Continued)

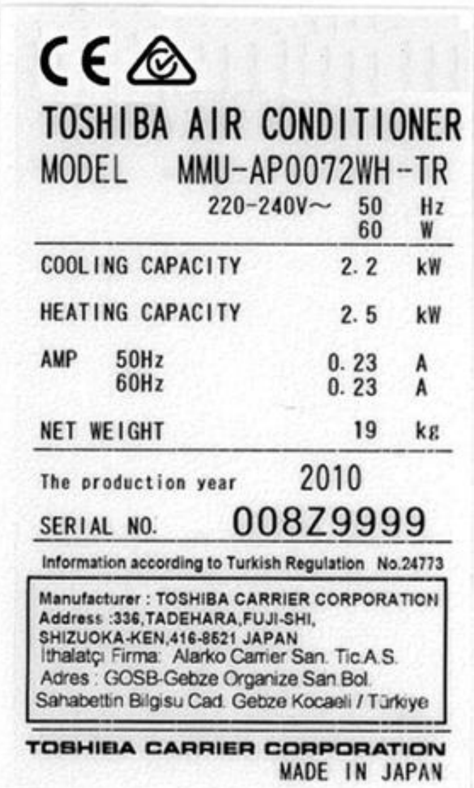
Indoor unit: (2-way Air Discharge Cassette)





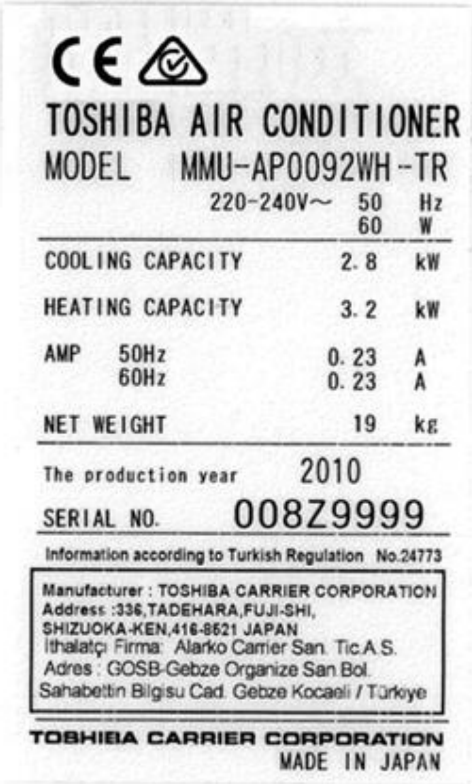


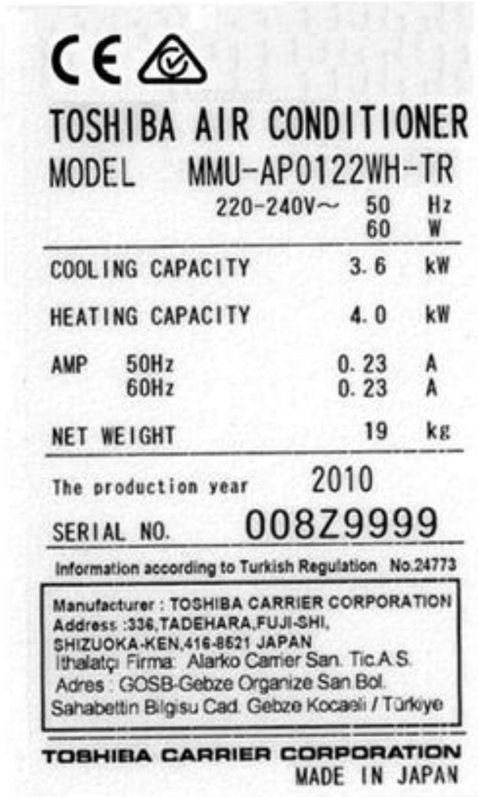


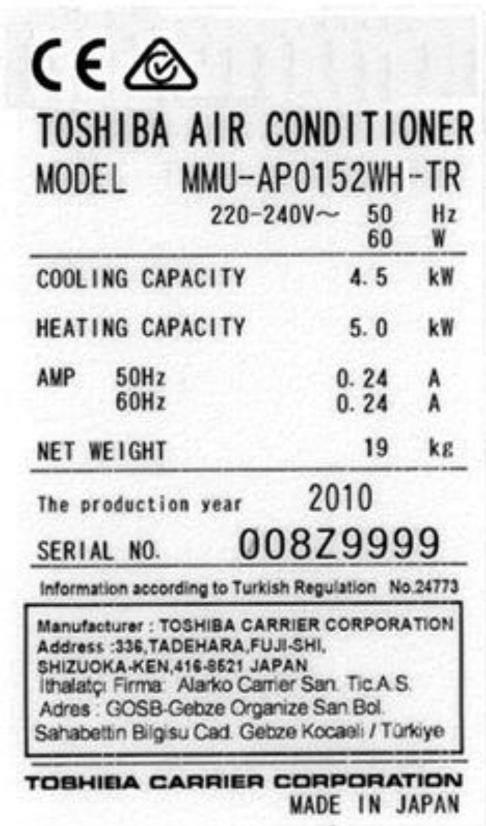


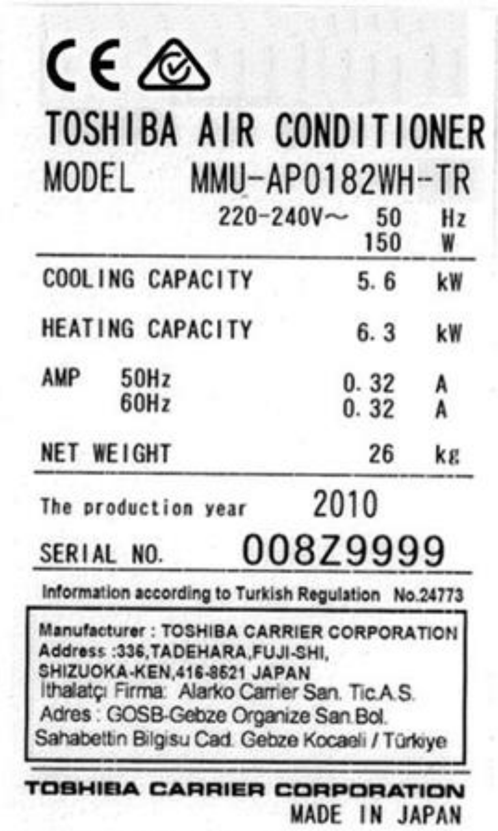
Copy of marking plate: (Continued)

Indoor unit: (2-way Air Discharge Cassette)



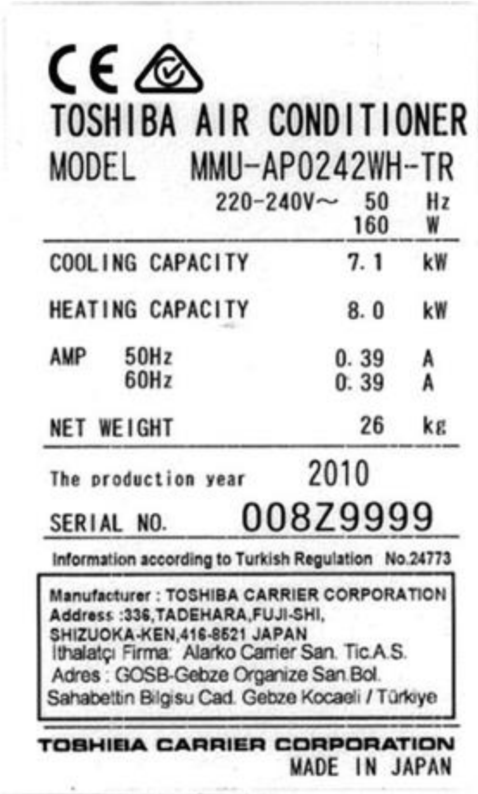


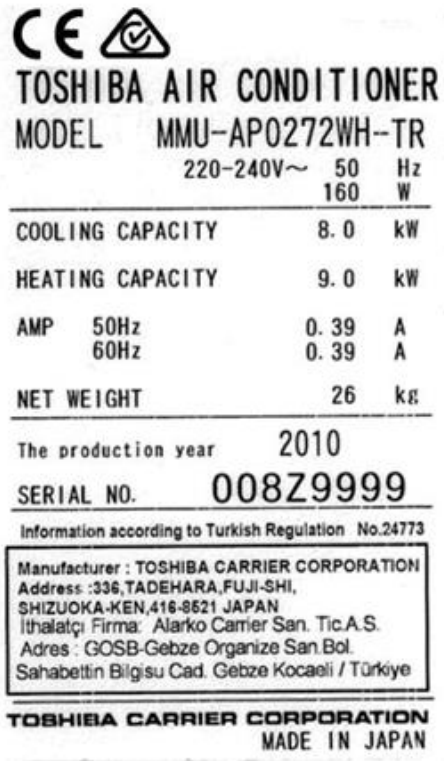


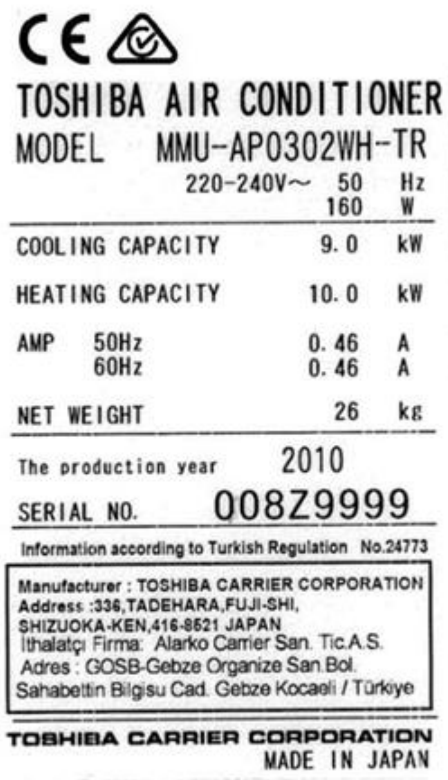


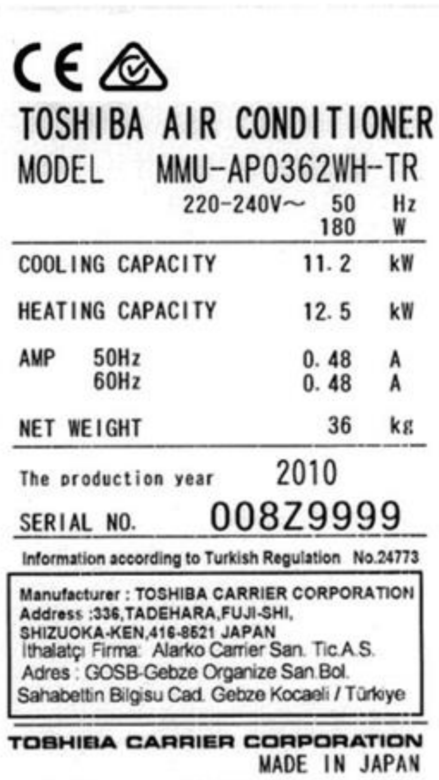
Copy of marking plate: (Continued)

Indoor unit: (2-way Air Discharge Cassette)



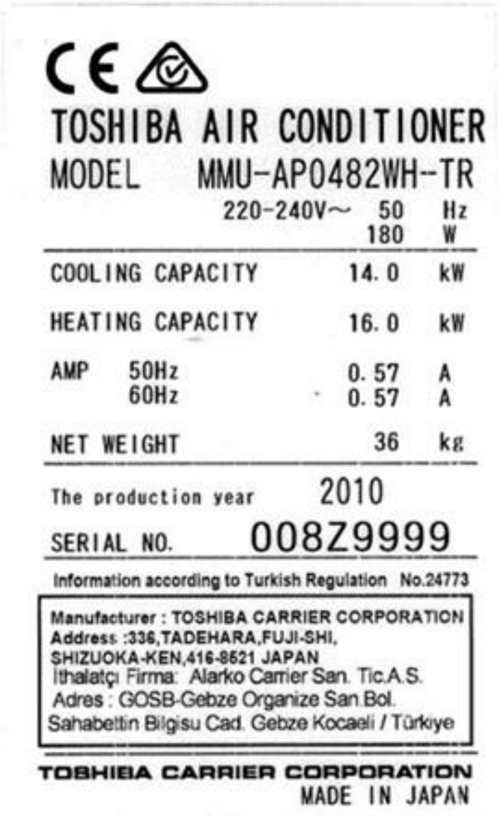




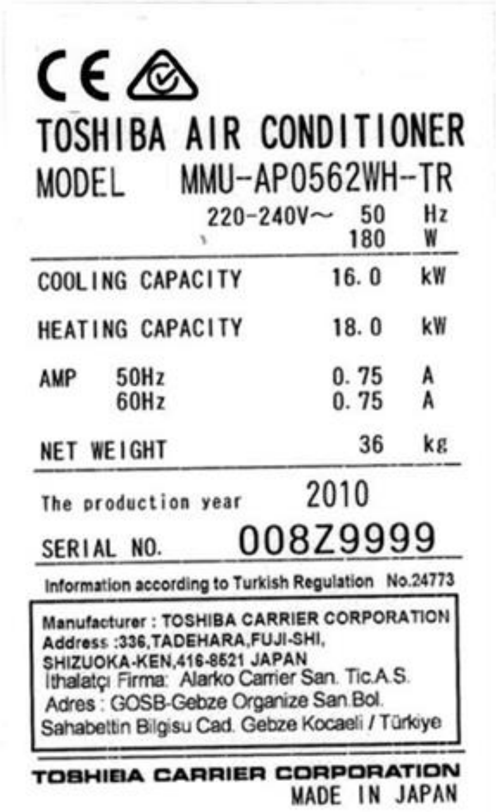


Copy of marking plate: (Continued)

Indoor unit: (2-way Air Discharge Cassette)



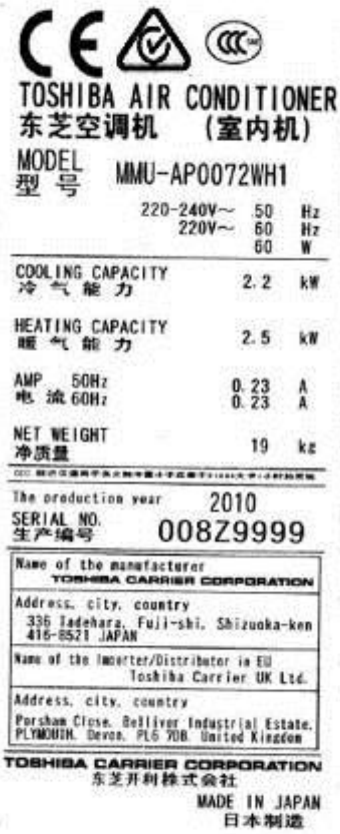
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0482WH-TR
220-240V~ 50 Hz
180 W
COOLING CAPACITY 14.0 kW
HEATING CAPACITY 16.0 kW
AMP 50Hz 0.57 A
60Hz 0.57 A
NET WEIGHT 36 kg
The production year 2010
SERIAL NO. 008Z9999
Information according to Turkish Regulation No.24773
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

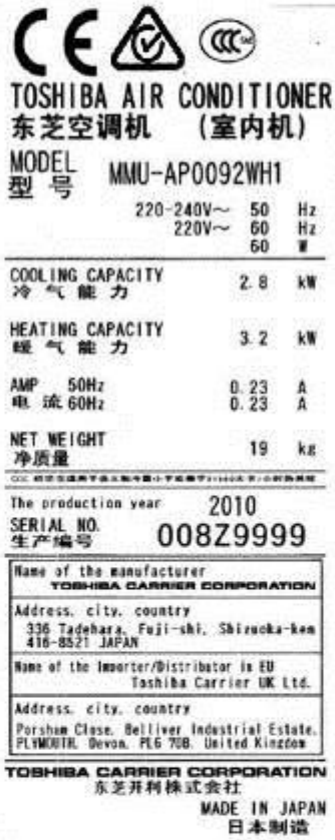


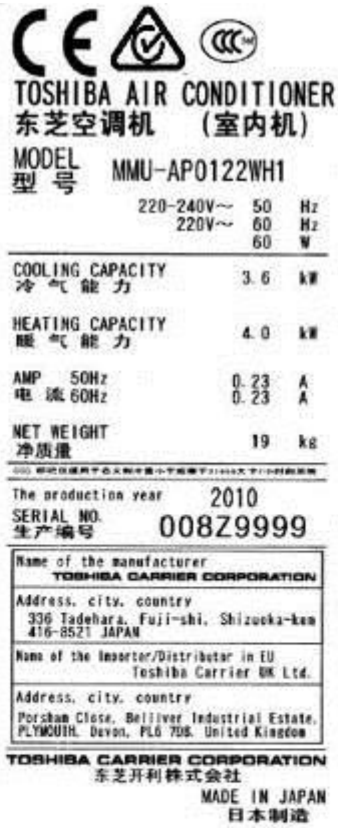
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0562WH-TR
220-240V~ 50 Hz
180 W
COOLING CAPACITY 16.0 kW
HEATING CAPACITY 18.0 kW
AMP 50Hz 0.75 A
60Hz 0.75 A
NET WEIGHT 36 kg
The production year 2010
SERIAL NO. 008Z9999
Information according to Turkish Regulation No.24773
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

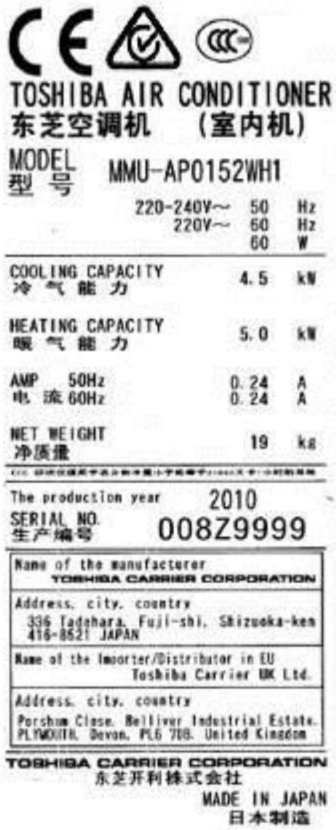
Copy of marking plate: (Continued)

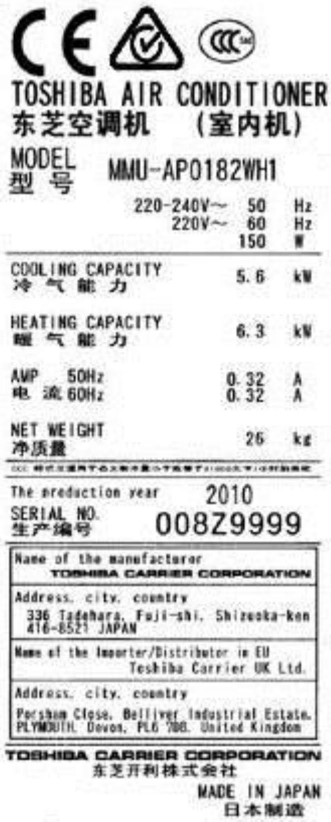
Indoor unit: (2-way Air Discharge Cassette)

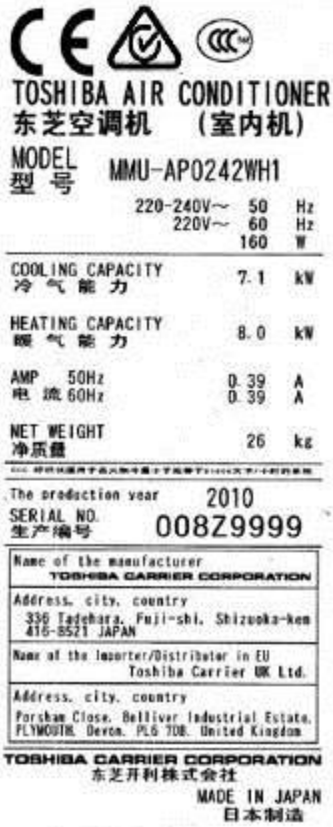






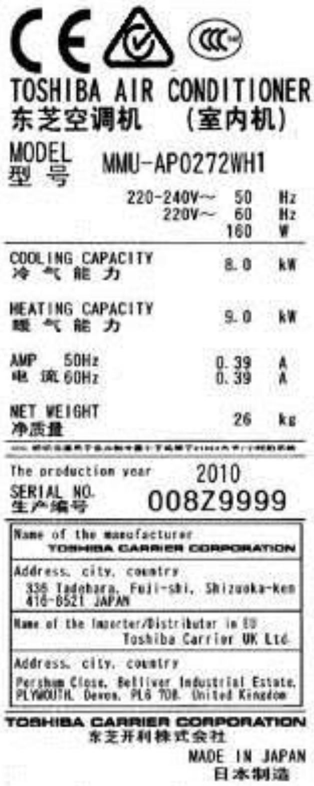


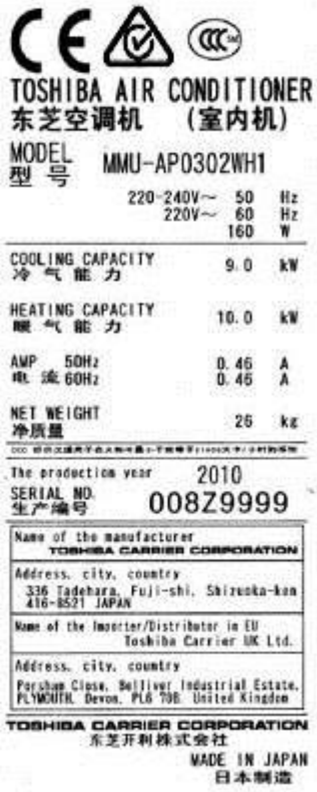


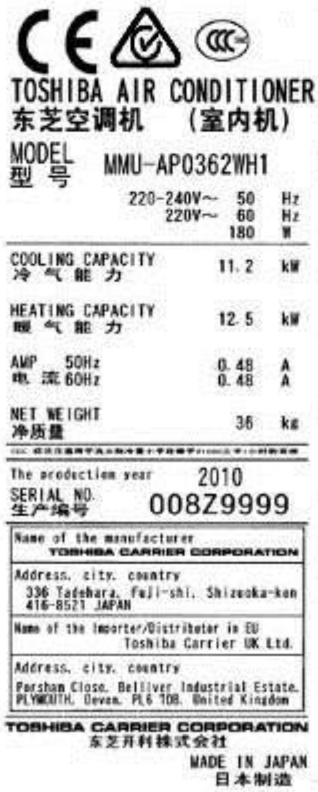


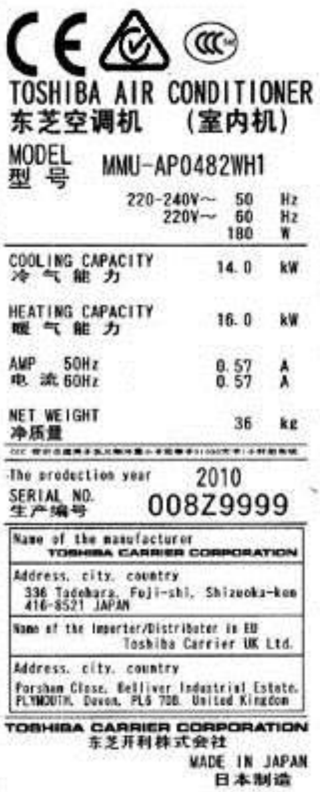
Copy of marking plate: (Continued)

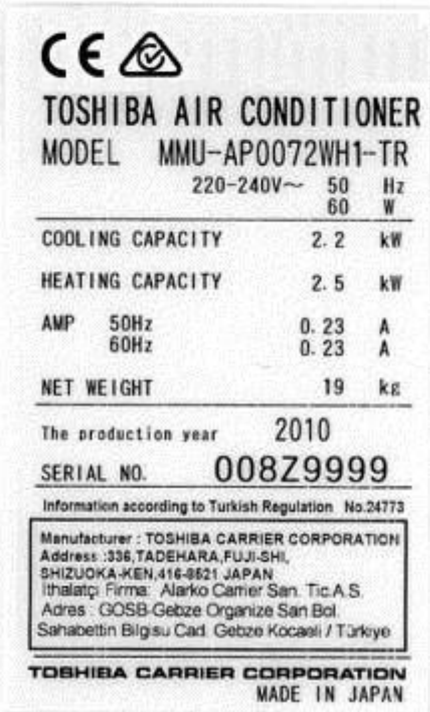
Indoor unit: (2-way Air Discharge Cassette)





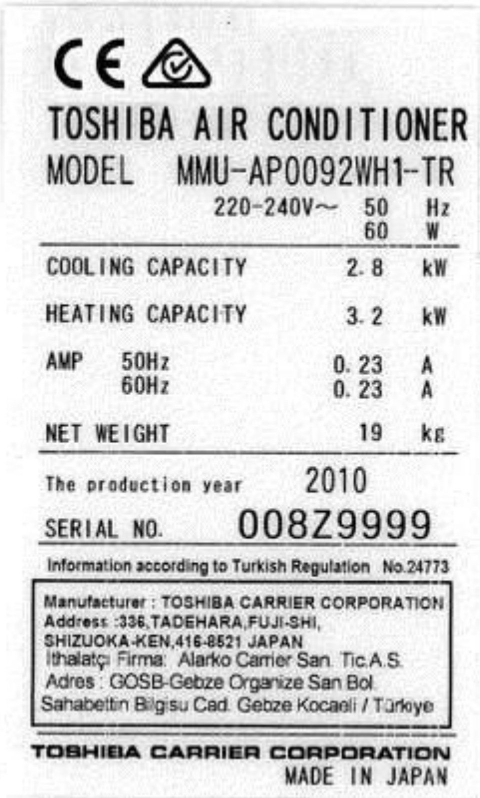


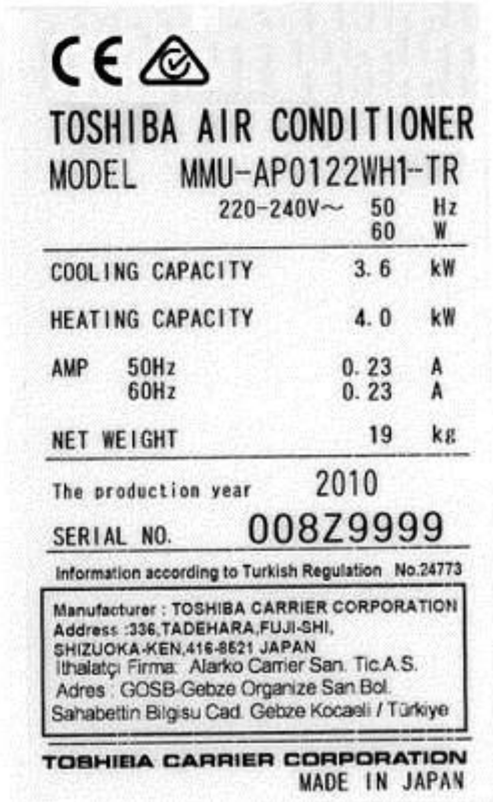


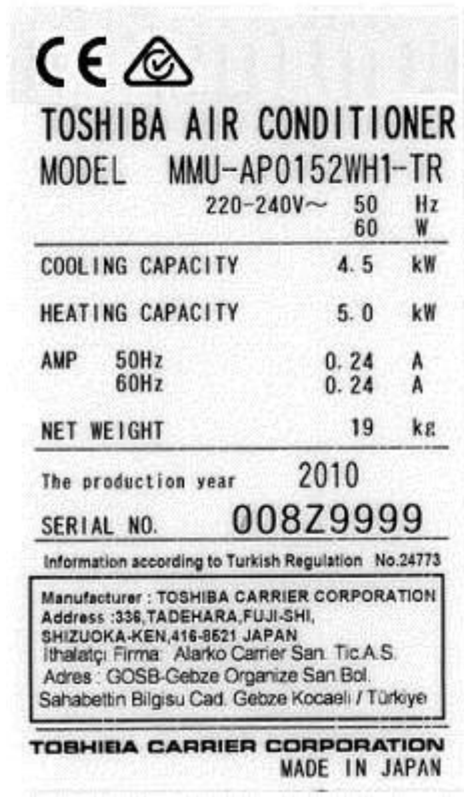


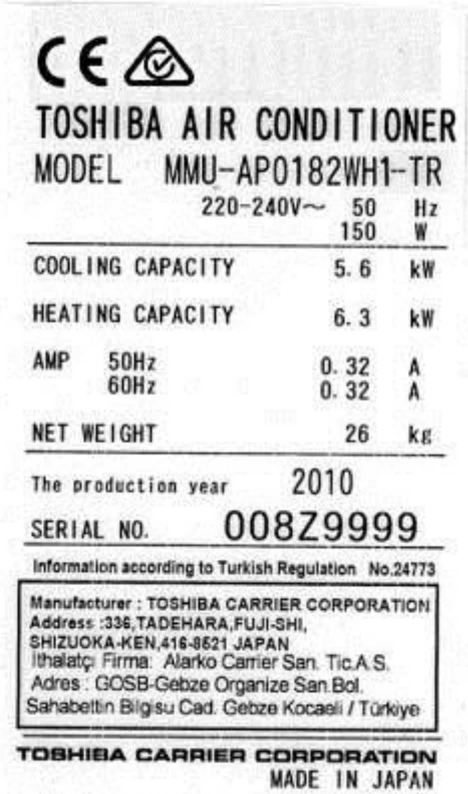
Copy of marking plate: (Continued)

Indoor unit: (2-way Air Discharge Cassette)



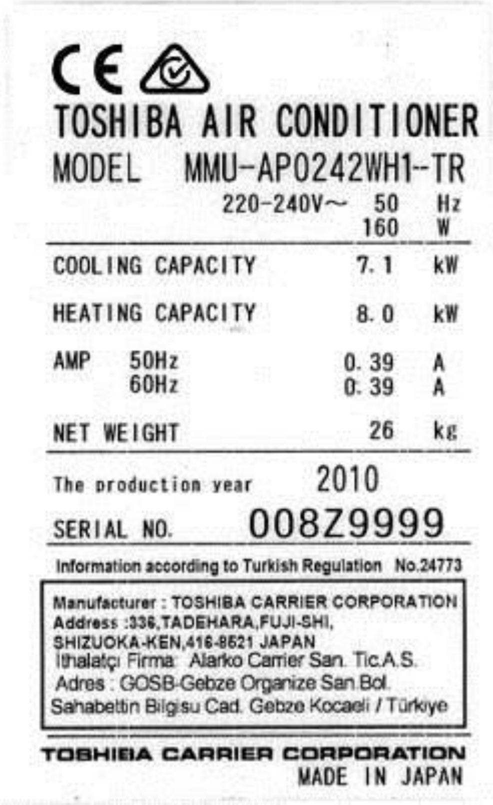




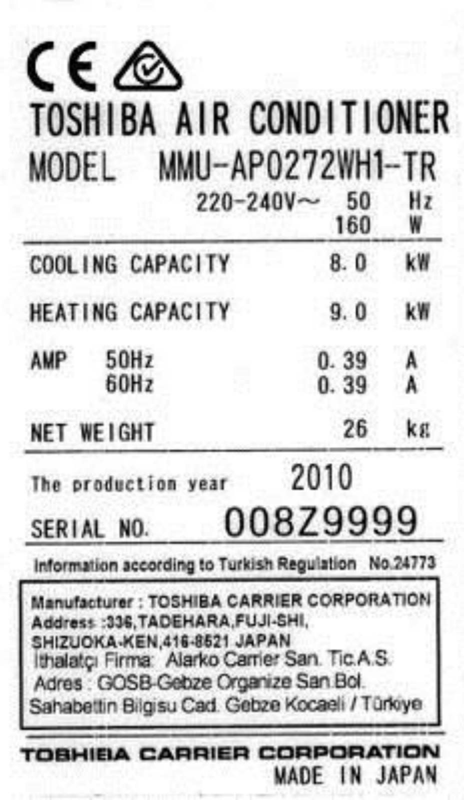


Copy of marking plate: (Continued)

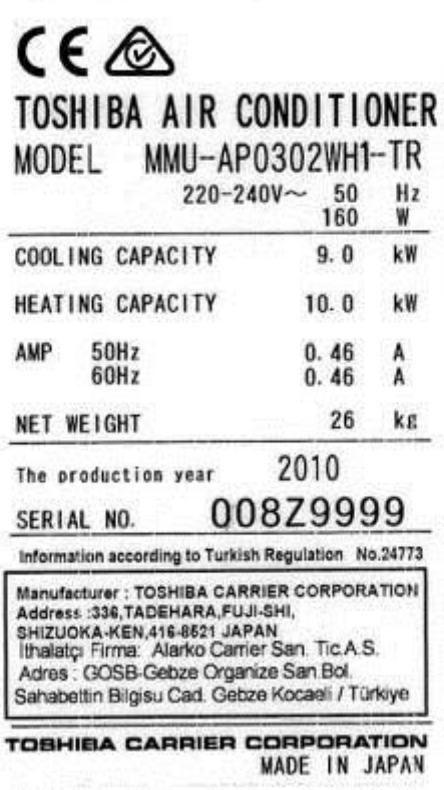
Indoor unit: (2-way Air Discharge Cassette)



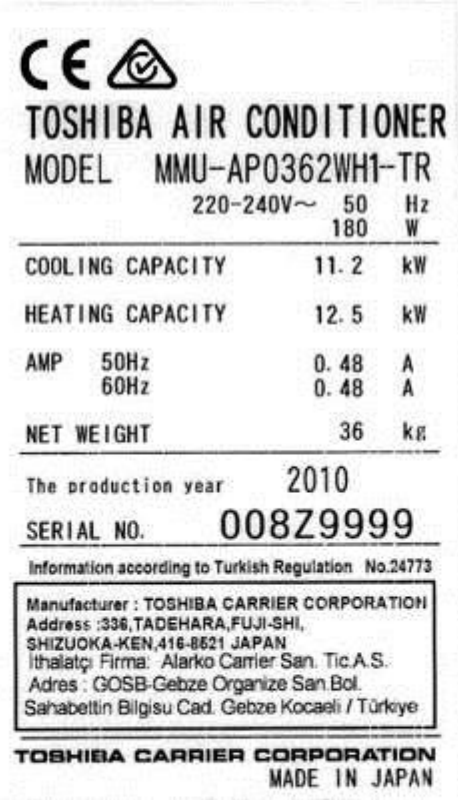
CE
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0242WH1-TR
220-240V~ 50 Hz
160 W
COOLING CAPACITY 7.1 kW
HEATING CAPACITY 8.0 kW
AMP 50Hz 0.39 A
60Hz 0.39 A
NET WEIGHT 26 kg
The production year 2010
SERIAL NO. 008Z9999
Information according to Turkish Regulation No.24773
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



CE
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0272WH1-TR
220-240V~ 50 Hz
160 W
COOLING CAPACITY 8.0 kW
HEATING CAPACITY 9.0 kW
AMP 50Hz 0.39 A
60Hz 0.39 A
NET WEIGHT 26 kg
The production year 2010
SERIAL NO. 008Z9999
Information according to Turkish Regulation No.24773
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



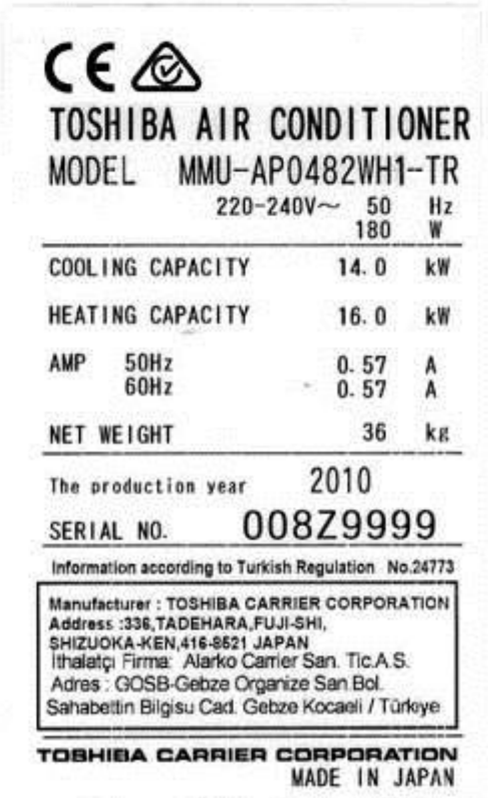
CE
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0302WH1-TR
220-240V~ 50 Hz
160 W
COOLING CAPACITY 9.0 kW
HEATING CAPACITY 10.0 kW
AMP 50Hz 0.46 A
60Hz 0.46 A
NET WEIGHT 26 kg
The production year 2010
SERIAL NO. 008Z9999
Information according to Turkish Regulation No.24773
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

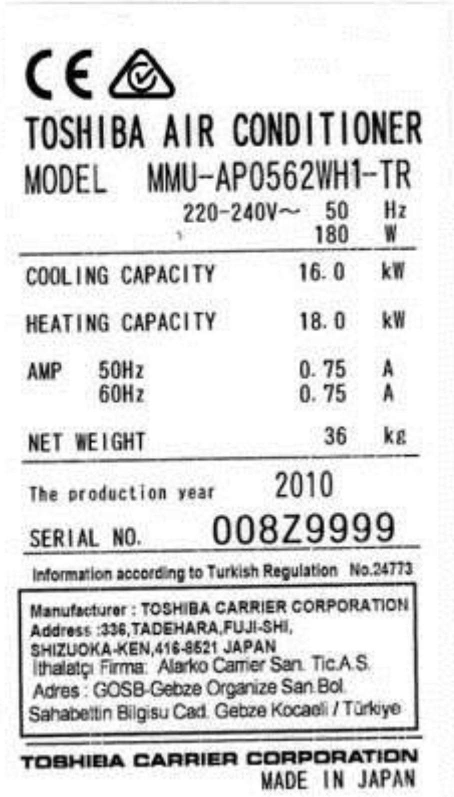


CE
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0362WH1-TR
220-240V~ 50 Hz
180 W
COOLING CAPACITY 11.2 kW
HEATING CAPACITY 12.5 kW
AMP 50Hz 0.48 A
60Hz 0.48 A
NET WEIGHT 36 kg
The production year 2010
SERIAL NO. 008Z9999
Information according to Turkish Regulation No.24773
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

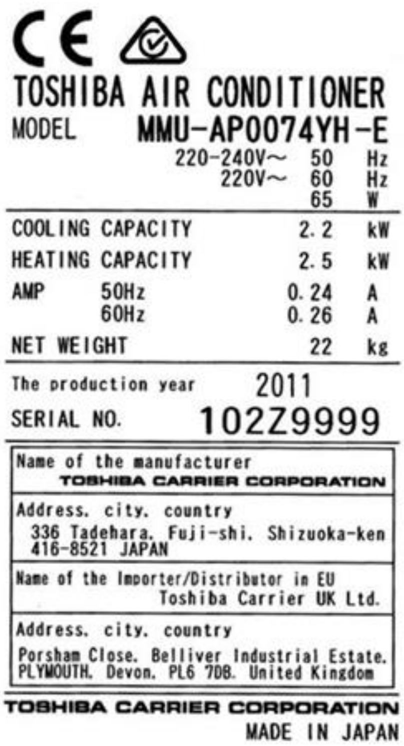
Copy of marking plate: (Continued)

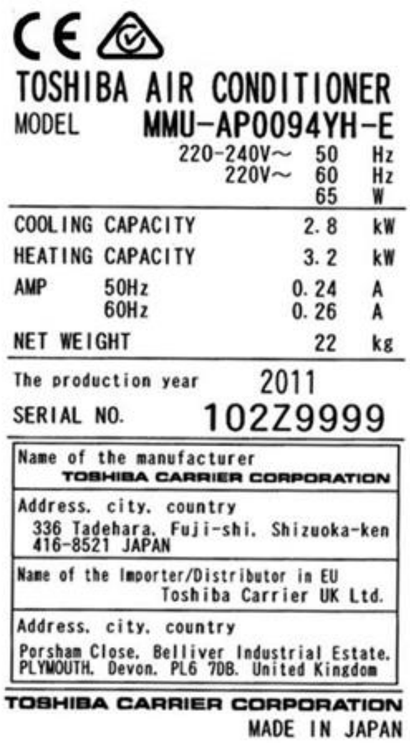
Indoor unit: (2-way Air Discharge Cassette)





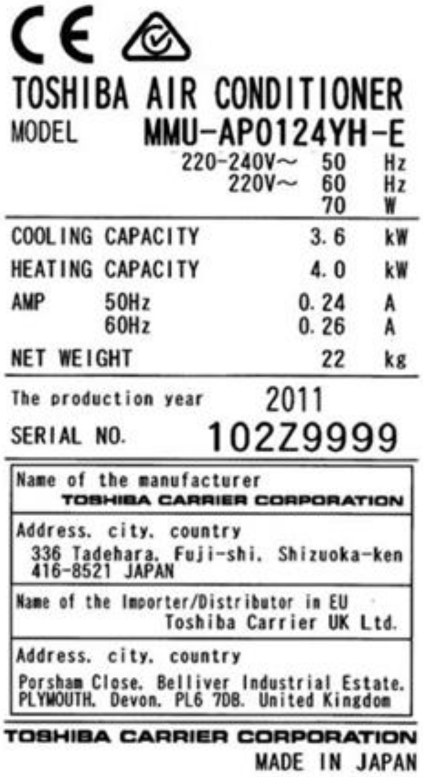
Indoor unit: (1-way Air Discharge Cassette)

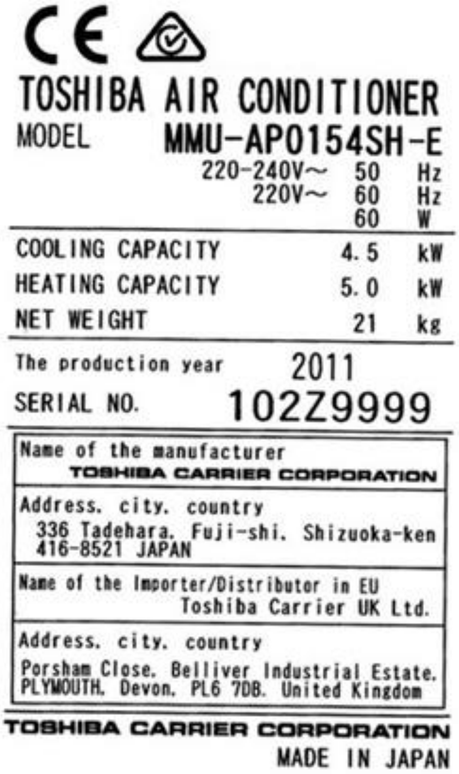


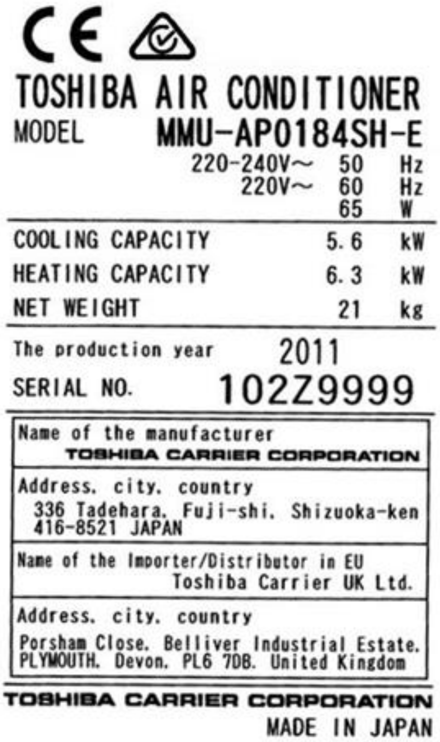


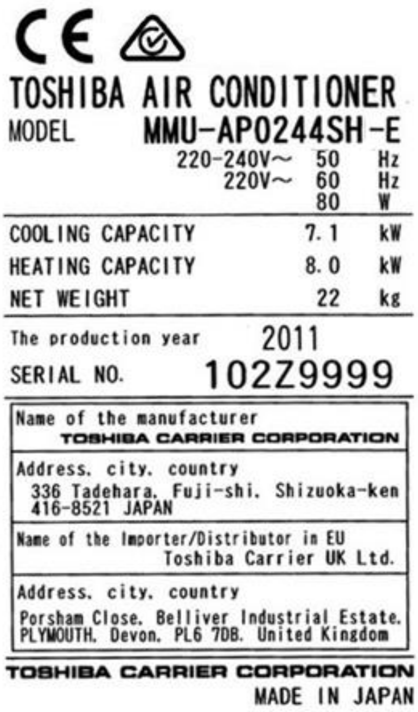
Copy of marking plate: (Continued)

Indoor unit: (1-way Air Discharge Cassette)









Copy of marking plate: (Continued)

Indoor unit: (1-way Air Discharge Cassette)

CE
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0074YH-TR

220-240V~	50	Hz
220V~	60	Hz
	65	W
COOLING CAPACITY	2.2	kW
HEATING CAPACITY	2.5	kW
AMP 50Hz	0.24	A
60Hz	0.26	A
NET WEIGHT	22	kg

The production year 2011
SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0094YH-TR

220-240V~	50	Hz
220V~	60	Hz
	65	W
COOLING CAPACITY	2.8	kW
HEATING CAPACITY	3.2	kW
AMP 50Hz	0.24	A
60Hz	0.26	A
NET WEIGHT	22	kg

The production year 2011
SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0124YH-TR

220-240V~	50	Hz
220V~	60	Hz
	70	W
COOLING CAPACITY	3.6	kW
HEATING CAPACITY	4.0	kW
AMP 50Hz	0.24	A
60Hz	0.26	A
NET WEIGHT	22	kg

The production year 2011
SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE
TOSHIBA AIR CONDITIONER
MODEL MMU-AP0154SH-TR

220-240V~	50	Hz
220V~	60	Hz
	60	W
COOLING CAPACITY	4.5	kW
HEATING CAPACITY	5.0	kW
NET WEIGHT	21	kg

The production year 2011
SERIAL NO. 102Z9999

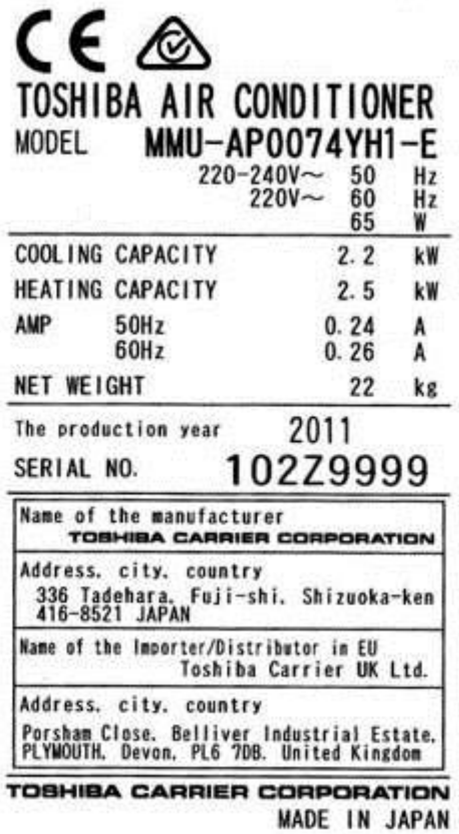
Information according to Turkish Regulation No.24773

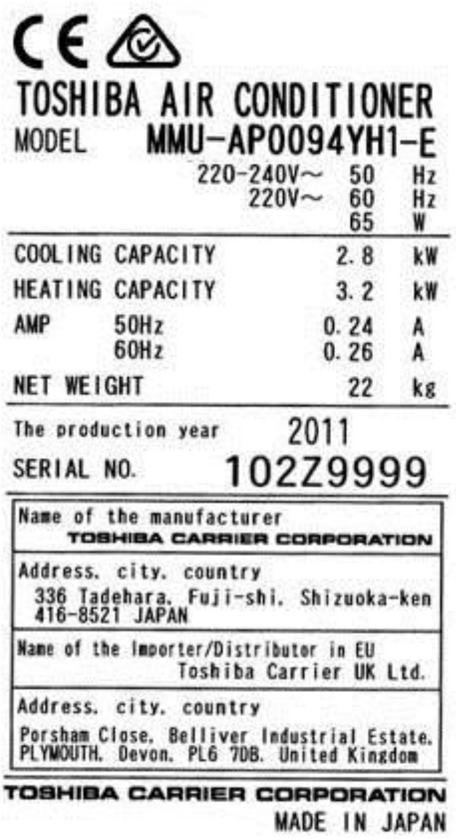
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

Copy of marking plate: (Continued)

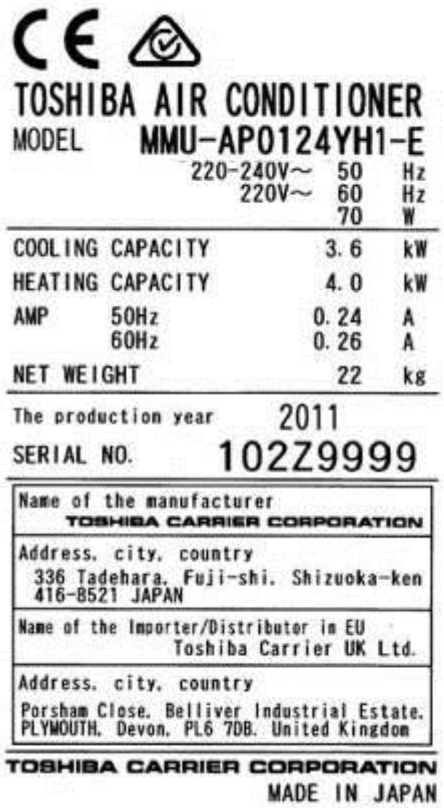
Indoor unit: (1-way Air Discharge Cassette)

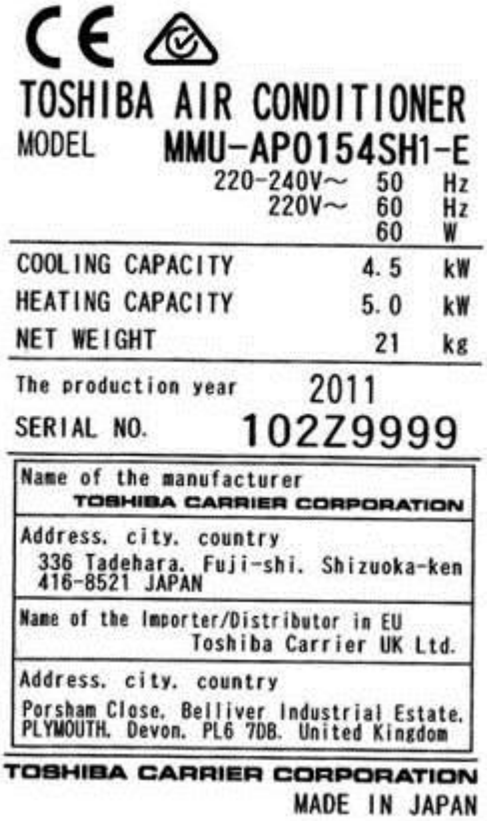


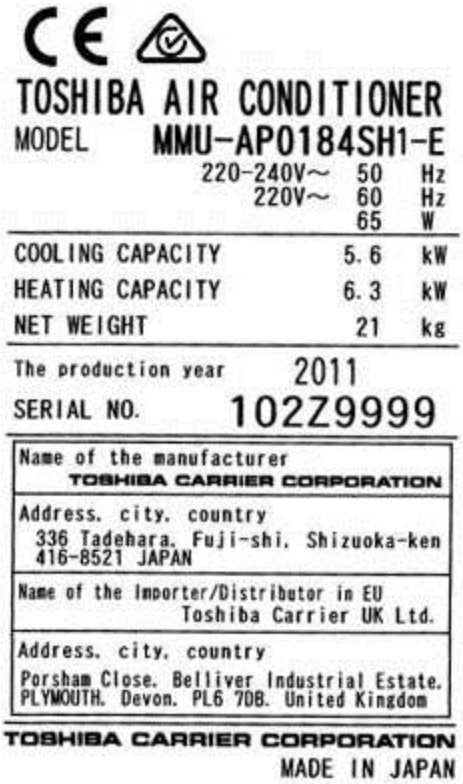


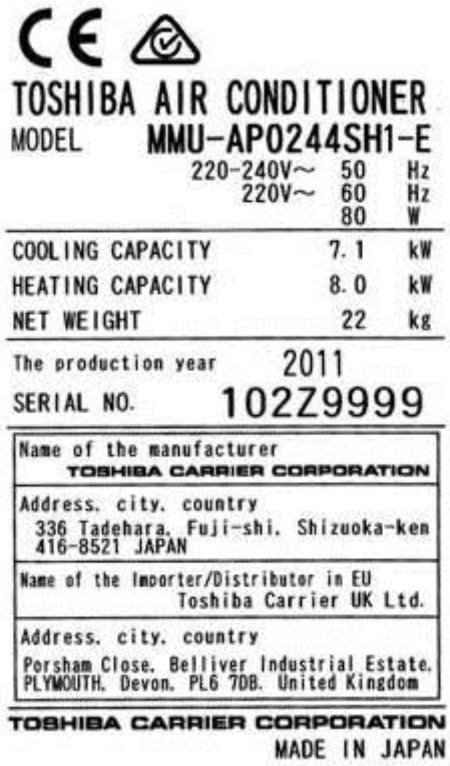
Copy of marking plate: (Continued)

Indoor unit: (1-way Air Discharge Cassette)



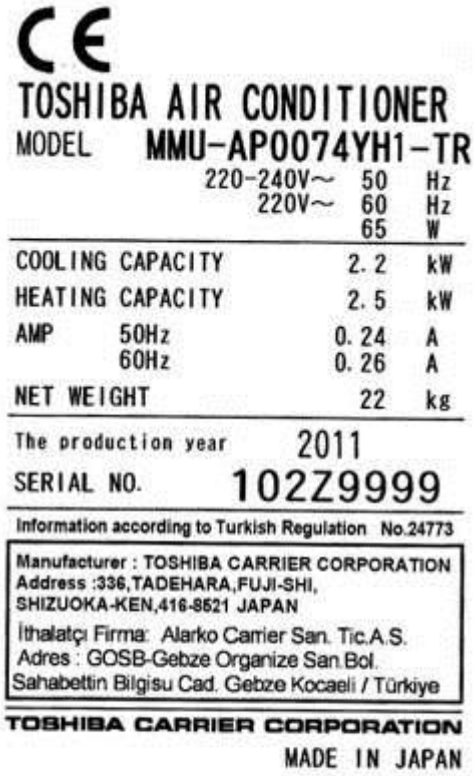






Copy of marking plate: (Continued)

Indoor unit: (1-way Air Discharge Cassette)



CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0074YH1-TR

220-240V~ 50 Hz
220V~ 60 Hz
65 W

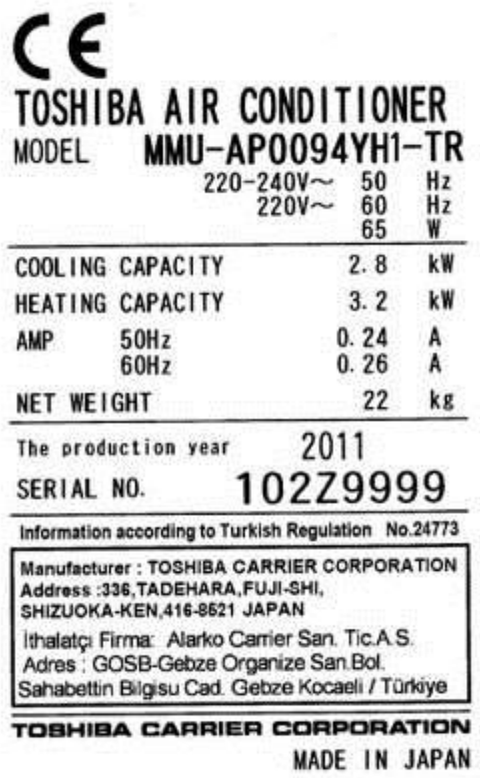
COOLING CAPACITY 2.2 kW
HEATING CAPACITY 2.5 kW
AMP 50Hz 0.24 A
60Hz 0.26 A
NET WEIGHT 22 kg

The production year 2011
SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0094YH1-TR

220-240V~ 50 Hz
220V~ 60 Hz
65 W

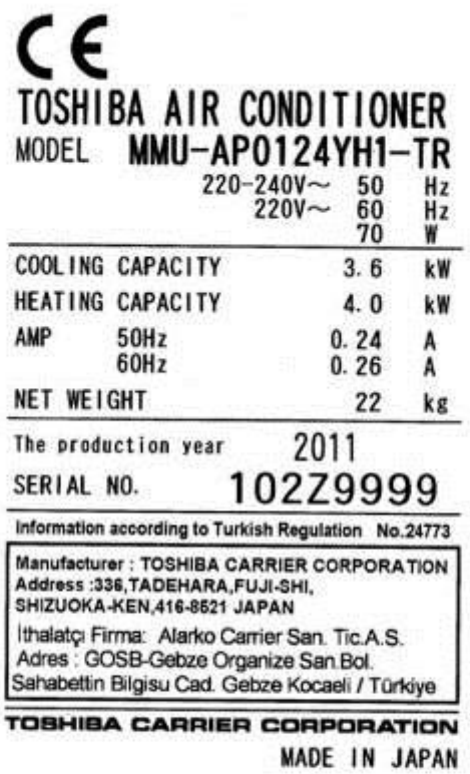
COOLING CAPACITY 2.8 kW
HEATING CAPACITY 3.2 kW
AMP 50Hz 0.24 A
60Hz 0.26 A
NET WEIGHT 22 kg

The production year 2011
SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0124YH1-TR

220-240V~ 50 Hz
220V~ 60 Hz
70 W

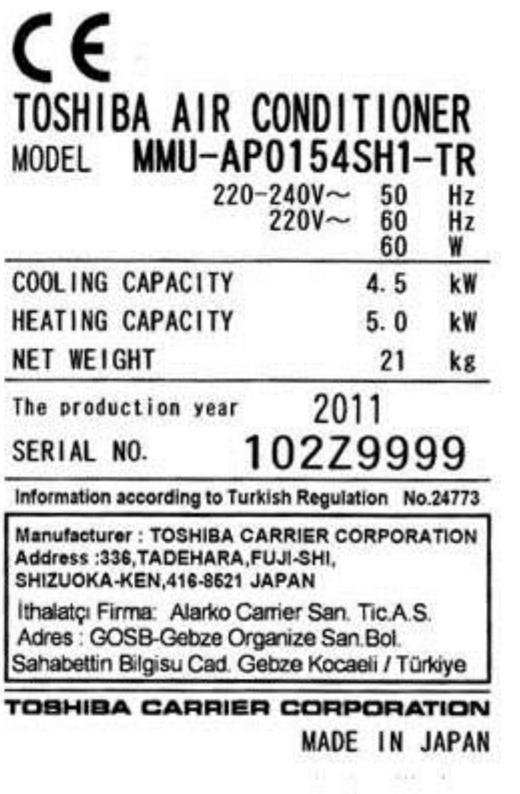
COOLING CAPACITY 3.6 kW
HEATING CAPACITY 4.0 kW
AMP 50Hz 0.24 A
60Hz 0.26 A
NET WEIGHT 22 kg

The production year 2011
SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



CE

TOSHIBA AIR CONDITIONER

MODEL MMU-AP0154SH1-TR

220-240V~ 50 Hz
220V~ 60 Hz
60 W

COOLING CAPACITY 4.5 kW
HEATING CAPACITY 5.0 kW
NET WEIGHT 21 kg

The production year 2011
SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

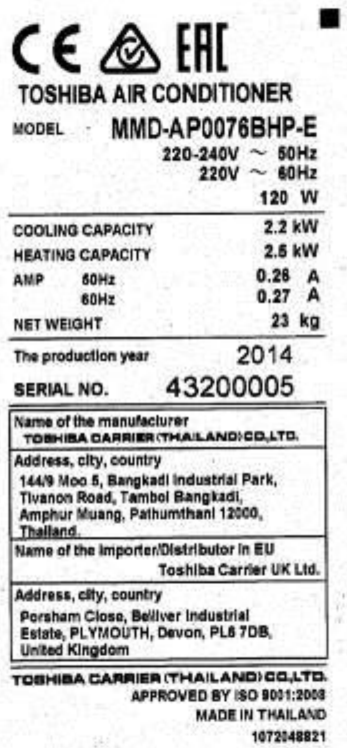
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

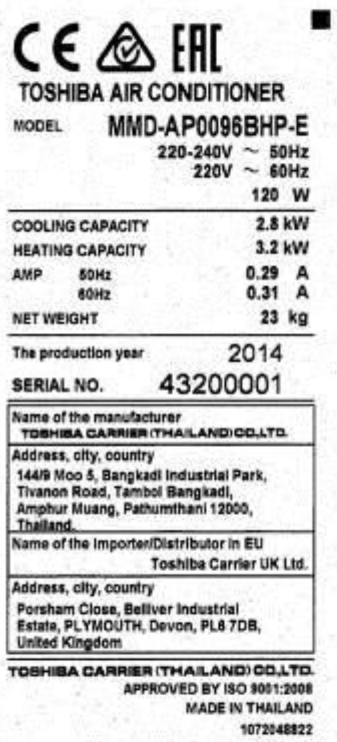
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

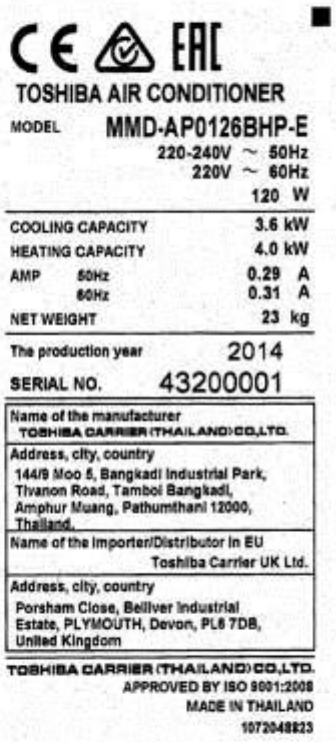
Copy of marking plate: (Continued)

Indoor unit: (1-way Air Discharge Cassette)

Indoor unit: (Concealed Duct)







Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct)

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0156BHP-E

220-240V ~ 50Hz
220V ~ 60Hz
160 W

COOLING CAPACITY 4.5 kW
HEATING CAPACITY 5.0 kW
AMP 50Hz 0.42 A
60Hz 0.44 A
NET WEIGHT 23 kg

The production year 2014
SERIAL NO. 43200004

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048824

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0186BHP-E

220-240V ~ 50Hz
220V ~ 60Hz
160 W

COOLING CAPACITY 5.6 kW
HEATING CAPACITY 6.3 kW
AMP 50Hz 0.42 A
60Hz 0.44 A
NET WEIGHT 23 kg

The production year 2014
SERIAL NO. 43200002

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048825

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0246BHP-E

220-240V ~ 50Hz
220V ~ 60Hz
255 W

COOLING CAPACITY 7.1 kW
HEATING CAPACITY 8.0 kW
AMP 50Hz 0.52 A
60Hz 0.55 A
NET WEIGHT 30 kg

The production year 2014
SERIAL NO. 43200001

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048826

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0276BHP-E

220-240V ~ 50Hz
220V ~ 60Hz
255 W

COOLING CAPACITY 8.0 kW
HEATING CAPACITY 9.0 kW
AMP 50Hz 0.52 A
60Hz 0.55 A
NET WEIGHT 30 kg

The production year 2014
SERIAL NO. 43200001

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048827

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0306BHP-E

220-240V ~ 50Hz
220V ~ 60Hz
255 W

COOLING CAPACITY 9.0 kW
HEATING CAPACITY 10.0 kW
AMP 50Hz 0.61 A
60Hz 0.64 A
NET WEIGHT 30 kg

The production year 2014
SERIAL NO. 43200005

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048828

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0366BHP-E

220-240V ~ 50Hz
220V ~ 60Hz
410 W

COOLING CAPACITY 11.2 kW
HEATING CAPACITY 12.5 kW
AMP 50Hz 1.07 A
60Hz 1.12 A
NET WEIGHT 40 kg

The production year 2014
SERIAL NO. 43200005

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048829

Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct)

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0486BHP-E

220-240V ~ 50Hz
220V ~ 60Hz
410 W

COOLING CAPACITY 14.0 kW
HEATING CAPACITY 16.0 kW
AMP 50Hz 1.23 A
60Hz 1.29 A
NET WEIGHT 40 kg

The production year 2014
SERIAL NO. 43200004

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048830

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0566BHP-E

220-240V ~ 50Hz
220V ~ 60Hz
410 W

COOLING CAPACITY 16.0 kW
HEATING CAPACITY 18.0 kW
AMP 50Hz 1.23 A
60Hz 1.29 A
NET WEIGHT 40 kg

The production year 2014
SERIAL NO. 43200004

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048831

CE

TOSHIBA KLİMA

MODEL MMD-AP0076BHP-TR

220-240V ~ 50Hz
220V ~ 60Hz
120 W

SOĞUTMA KAPASİTESİ 2.2 kW
ISITMA KAPASİTESİ 2.5 kW
AMP 50Hz 0.26 A
60Hz 0.27 A
NET AĞIRLIK 23 kg

Üretim yılı 2014
SERİ NUMARASI 42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048832

CE

TOSHIBA KLİMA

MODEL MMD-AP0096BHP-TR

220-240V ~ 50Hz
220V ~ 60Hz
120 W

SOĞUTMA KAPASİTESİ 2.8 kW
ISITMA KAPASİTESİ 3.2 kW
AMP 50Hz 0.29 A
60Hz 0.31 A
NET AĞIRLIK 23 kg

Üretim yılı 2014
SERİ NUMARASI 42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048833

CE

TOSHIBA KLİMA

MODEL MMD-AP0126BHP-TR

220-240V ~ 50Hz
220V ~ 60Hz
120 W

SOĞUTMA KAPASİTESİ 3.6 kW
ISITMA KAPASİTESİ 4.0 kW
AMP 50Hz 0.29 A
60Hz 0.31 A
NET AĞIRLIK 23 kg

Üretim yılı 2014
SERİ NUMARASI 42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048834

CE

TOSHIBA KLİMA

MODEL MMD-AP0156BHP-TR

220-240V ~ 50Hz
220V ~ 60Hz
160 W

SOĞUTMA KAPASİTESİ 4.5 kW
ISITMA KAPASİTESİ 5.0 kW
AMP 50Hz 0.42 A
60Hz 0.44 A
NET AĞIRLIK 23 kg

Üretim yılı 2014
SERİ NUMARASI 42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048835

Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct)

CE
TOSHIBA KLİMA
MODEL MMD-AP0186BHP-TR
220-240V ~ 50Hz
220V ~ 60Hz
160 W

SOĞUTMA KAPASİTESİ	5.6 kW
ISITMA KAPASİTESİ	6.3 kW
AMP 50Hz	0.42 A
60Hz	0.44 A
NET AĞIRLIK	23 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048836

CE
TOSHIBA KLİMA
MODEL MMD-AP0246BHP-TR
220-240V ~ 50Hz
220V ~ 60Hz
255 W

SOĞUTMA KAPASİTESİ	7.1 kW
ISITMA KAPASİTESİ	8.0 kW
AMP 50Hz	0.52 A
60Hz	0.55 A
NET AĞIRLIK	30 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048837

CE
TOSHIBA KLİMA
MODEL MMD-AP0276BHP-TR
220-240V ~ 50Hz
220V ~ 60Hz
255 W

SOĞUTMA KAPASİTESİ	8.0 kW
ISITMA KAPASİTESİ	9.0 kW
AMP 50Hz	0.52 A
60Hz	0.55 A
NET AĞIRLIK	30 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048838

CE
TOSHIBA KLİMA
MODEL MMD-AP0306BHP-TR
220-240V ~ 50Hz
220V ~ 60Hz
255 W

SOĞUTMA KAPASİTESİ	9.0 kW
ISITMA KAPASİTESİ	10.0 kW
AMP 50Hz	0.61 A
60Hz	0.64 A
NET AĞIRLIK	30 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048839

CE
TOSHIBA KLİMA
MODEL MMD-AP0366BHP-TR
220-240V ~ 50Hz
220V ~ 60Hz
410 W

SOĞUTMA KAPASİTESİ	11.2 kW
ISITMA KAPASİTESİ	12.5 kW
AMP 50Hz	1.07 A
60Hz	1.12 A
NET AĞIRLIK	40 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048840

CE
TOSHIBA KLİMA
MODEL MMD-AP0486BHP-TR
220-240V ~ 50Hz
220V ~ 60Hz
410 W

SOĞUTMA KAPASİTESİ	14.0 kW
ISITMA KAPASİTESİ	16.0 kW
AMP 50Hz	1.23 A
60Hz	1.29 A
NET AĞIRLIK	40 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048841

Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct)

CE

TOSHIBA KLİMA

MODEL MMD-AP0566BHP-TR

220-240V ~ 50Hz
220V ~ 60Hz
410 W

SOĞUTMA KAPASİTESİ 16.0 kW
ISITMA KAPASİTESİ 18.0 kW
AMP 50Hz 1.23 A
60Hz 1.29 A
NET AĞIRLIK 40 kg

Üretim yılı 2014
SERİ NUMARASI 42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048842

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0076BHP1-E

220-240V ~ 50Hz
220V ~ 60Hz
120 W

COOLING CAPACITY 2.2 kW
HEATING CAPACITY 2.5 kW
AMP 50Hz 0.26 A
60Hz 0.27 A
NET WEIGHT 23 kg

The production year 2014
SERIAL NO. 43200005

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048821

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0096BHP1-E

220-240V ~ 50Hz
220V ~ 60Hz
120 W

COOLING CAPACITY 2.8 kW
HEATING CAPACITY 3.2 kW
AMP 50Hz 0.29 A
60Hz 0.31 A
NET WEIGHT 23 kg

The production year 2014
SERIAL NO. 43200001

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048822

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0126BHP1-E

220-240V ~ 50Hz
220V ~ 60Hz
120 W

COOLING CAPACITY 3.6 kW
HEATING CAPACITY 4.0 kW
AMP 50Hz 0.29 A
60Hz 0.31 A
NET WEIGHT 23 kg

The production year 2014
SERIAL NO. 43200001

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048823

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0156BHP1-E

220-240V ~ 50Hz
220V ~ 60Hz
160 W

COOLING CAPACITY 4.5 kW
HEATING CAPACITY 5.0 kW
AMP 50Hz 0.42 A
60Hz 0.44 A
NET WEIGHT 23 kg

The production year 2014
SERIAL NO. 43200004

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048824

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0186BHP1-E

220-240V ~ 50Hz
220V ~ 60Hz
160 W

COOLING CAPACITY 5.6 kW
HEATING CAPACITY 6.3 kW
AMP 50Hz 0.42 A
60Hz 0.44 A
NET WEIGHT 23 kg

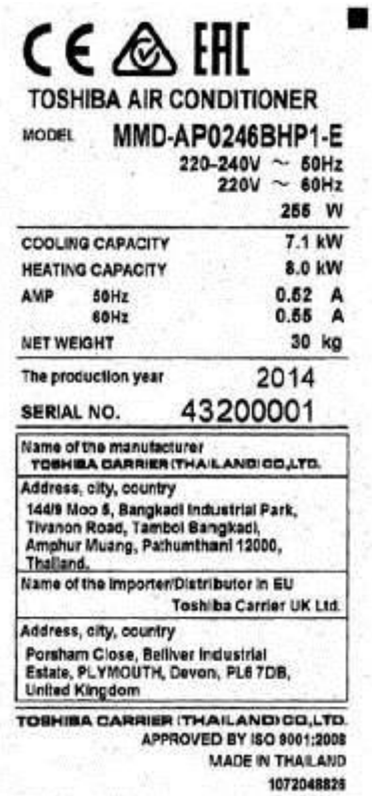
The production year 2014
SERIAL NO. 43200002

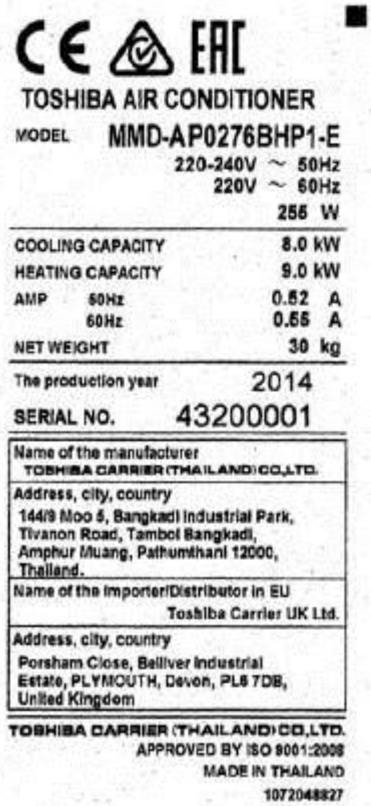
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

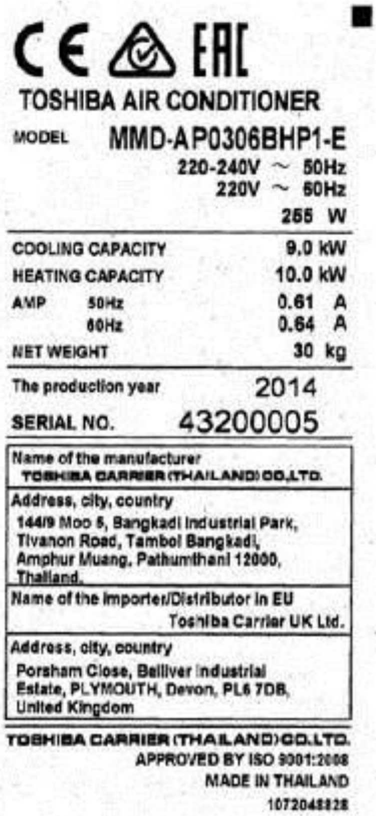
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048825

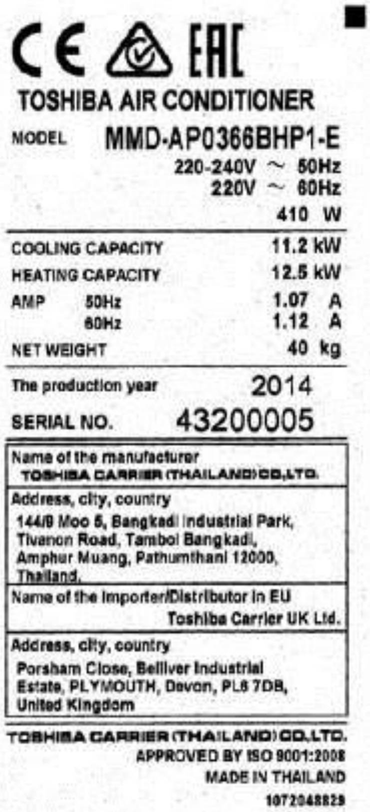
Copy of marking plate: (Continued)

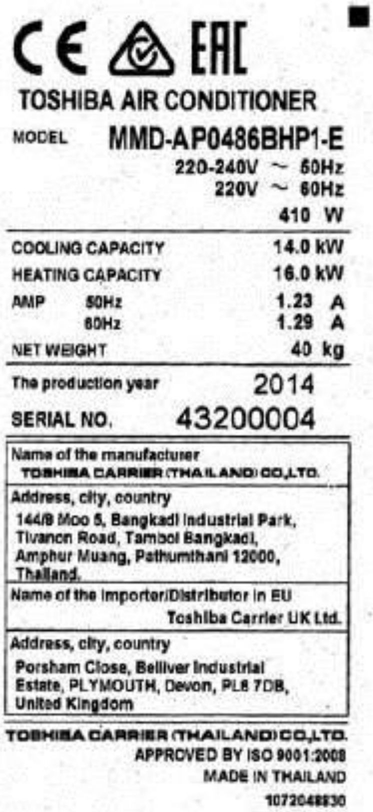
Indoor unit: (Concealed Duct)











Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct)

Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct)

CE
TOSHIBA KLİMA
MODEL MMD-AP0276BHP1-TR
220-240V ~ 50Hz
220V ~ 60Hz
255 W

SOĞUTMA KAPASİTESİ	8.0 kW
ISITMA KAPASİTESİ	9.0 kW
AMP 50Hz	0.52 A
60Hz	0.55 A
NET AĞIRLIK	30 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048838

CE
TOSHIBA KLİMA
MODEL MMD-AP0306BHP1-TR
220-240V ~ 50Hz
220V ~ 60Hz
255 W

SOĞUTMA KAPASİTESİ	9.0 kW
ISITMA KAPASİTESİ	10.0 kW
AMP 50Hz	0.61 A
60Hz	0.64 A
NET AĞIRLIK	30 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048839

CE
TOSHIBA KLİMA
MODEL MMD-AP0366BHP1-TR
220-240V ~ 50Hz
220V ~ 60Hz
410 W

SOĞUTMA KAPASİTESİ	11.2 kW
ISITMA KAPASİTESİ	12.5 kW
AMP 50Hz	1.07 A
60Hz	1.12 A
NET AĞIRLIK	40 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048840

CE
TOSHIBA KLİMA
MODEL MMD-AP0486BHP1-TR
220-240V ~ 50Hz
220V ~ 60Hz
410 W

SOĞUTMA KAPASİTESİ	14.0 kW
ISITMA KAPASİTESİ	16.0 kW
AMP 50Hz	1.23 A
60Hz	1.29 A
NET AĞIRLIK	40 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048841

CE
TOSHIBA KLİMA
MODEL MMD-AP0566BHP1-TR
220-240V ~ 50Hz
220V ~ 60Hz
410 W

SOĞUTMA KAPASİTESİ	16.0 kW
ISITMA KAPASİTESİ	18.0 kW
AMP 50Hz	1.23 A
60Hz	1.29 A
NET AĞIRLIK	40 kg
Üretim yılı	2014
SERİ NUMARASI	42100006

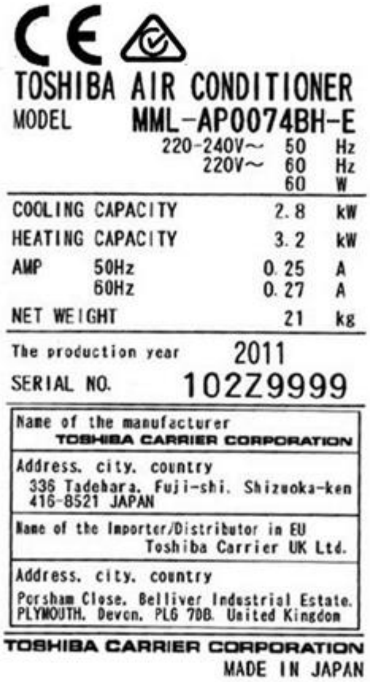
24773 sayılı yönetmelik uyarınca bilgi

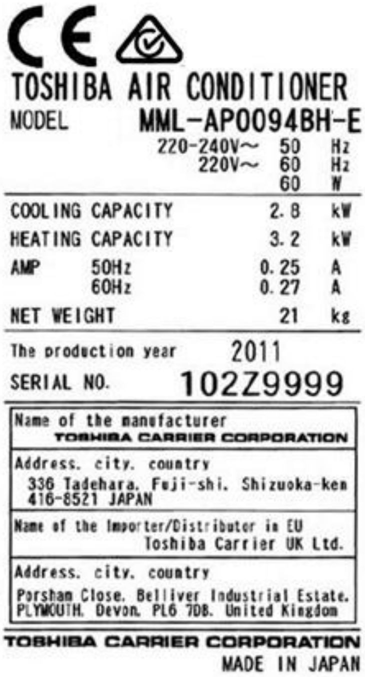
İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK ,
TIVANON ROAD , TAMBOL BANGKADI ,
AMPHUR MUANG , PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

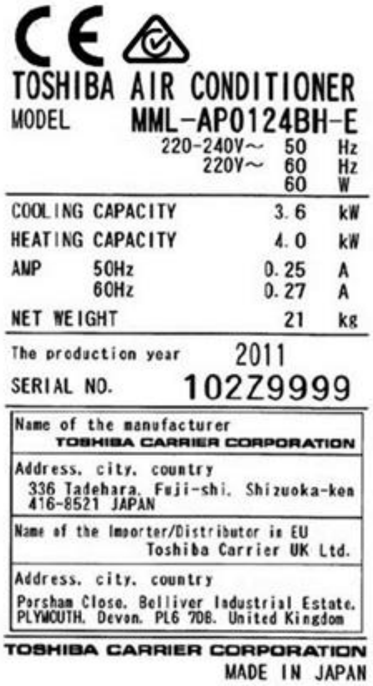
TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048842

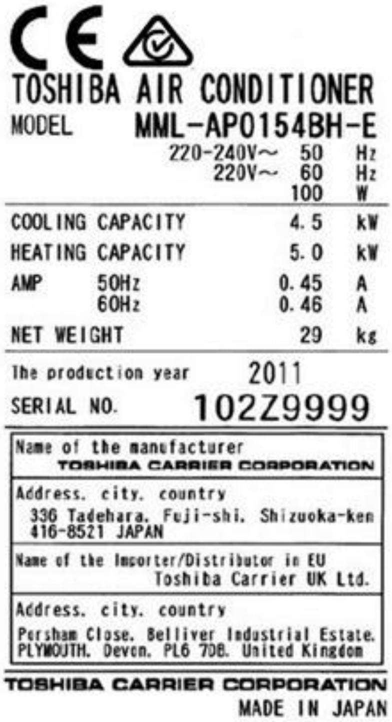
Copy of marking plate: (Continued)

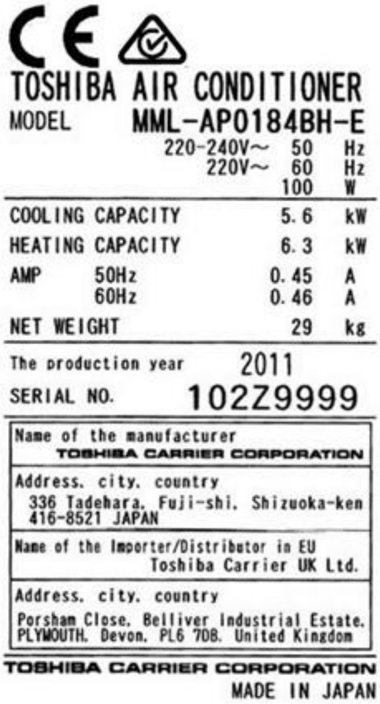
Indoor unit: (Floor Standing Concealed)

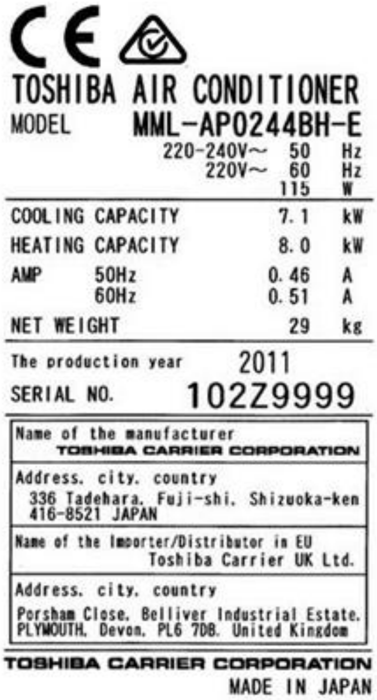






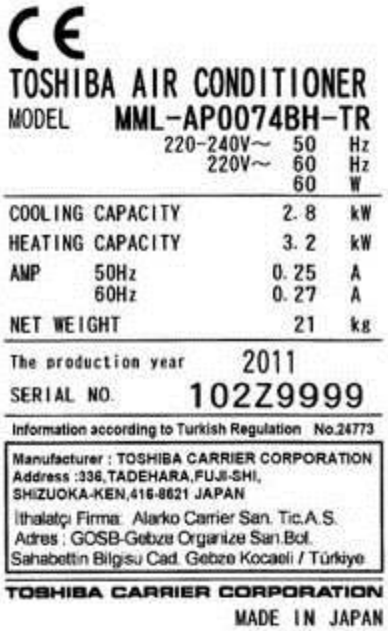


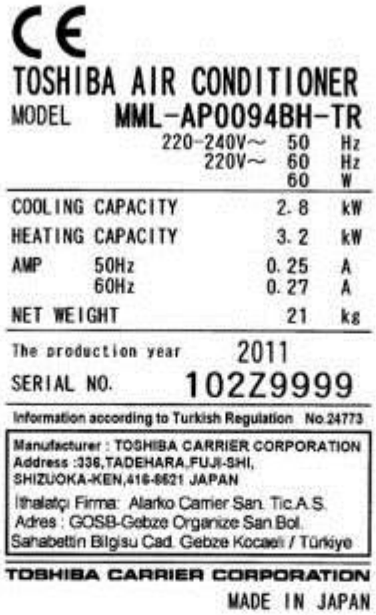


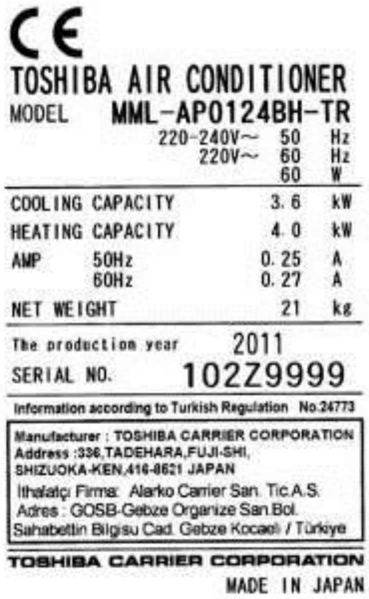


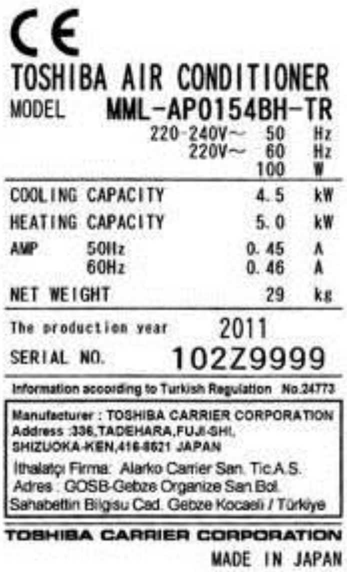
Copy of marking plate: (Continued)

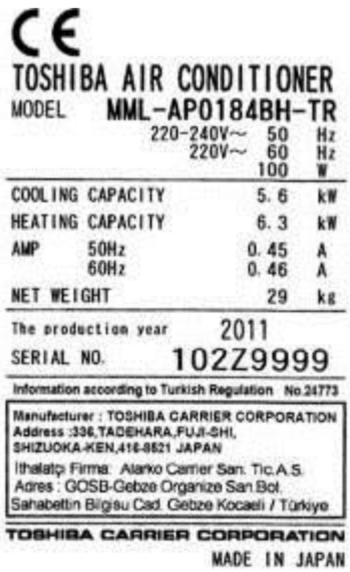
Indoor unit: (Floor Standing Concealed)

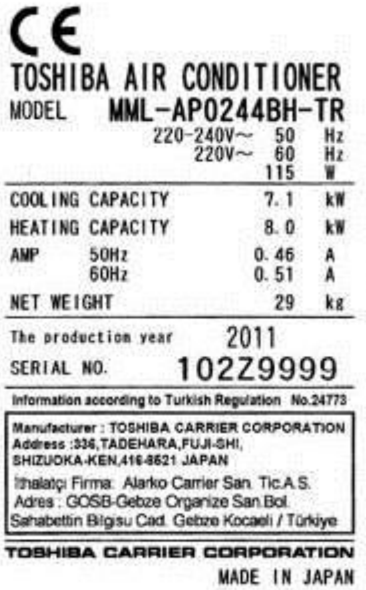






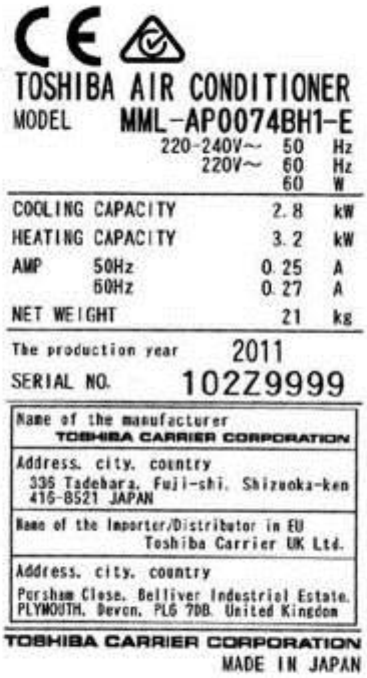




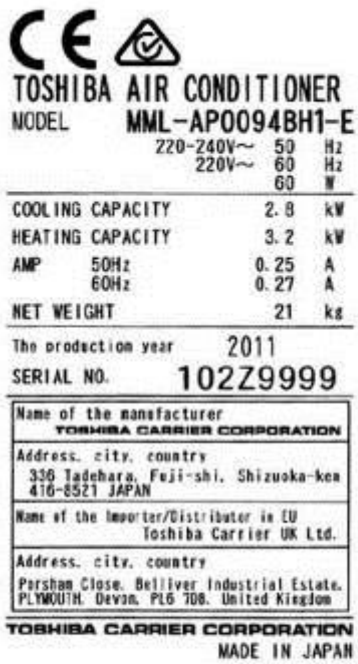


Copy of marking plate: (Continued)

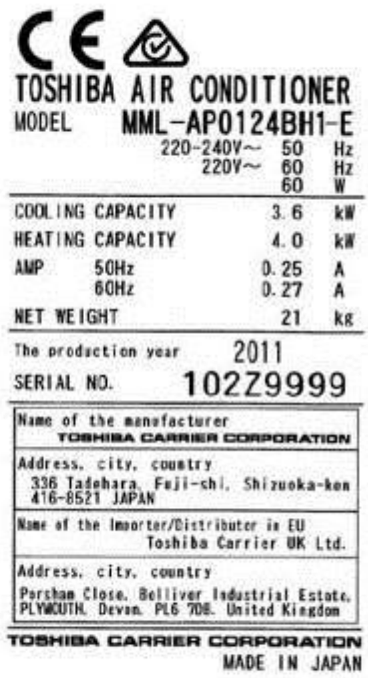
Indoor unit: (Floor Standing Concealed)



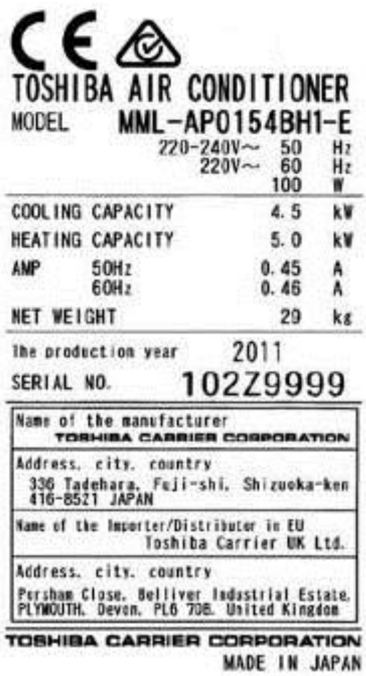
TOSHIBA AIR CONDITIONER
MODEL MML-AP0074BH1-E
220-240V~ 50 Hz
220V~ 60 Hz
60 W
COOLING CAPACITY 2.8 kW
HEATING CAPACITY 3.2 kW
AMP 50Hz 0.25 A
60Hz 0.27 A
NET WEIGHT 21 kg
The production year 2011
SERIAL NO. 102Z9999
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB. United Kingdom
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



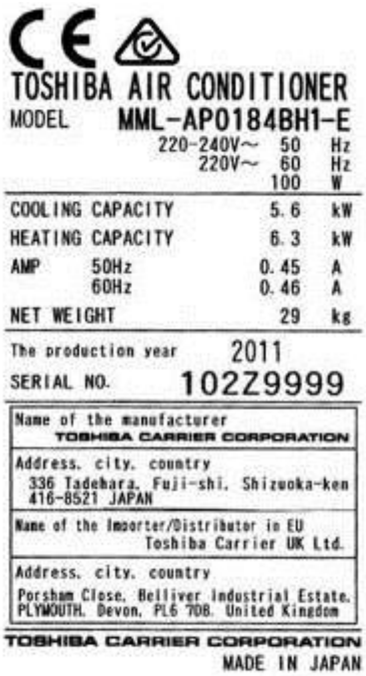
TOSHIBA AIR CONDITIONER
MODEL MML-AP0094BH1-E
220-240V~ 50 Hz
220V~ 60 Hz
60 W
COOLING CAPACITY 2.8 kW
HEATING CAPACITY 3.2 kW
AMP 50Hz 0.25 A
60Hz 0.27 A
NET WEIGHT 21 kg
The production year 2011
SERIAL NO. 102Z9999
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB. United Kingdom
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



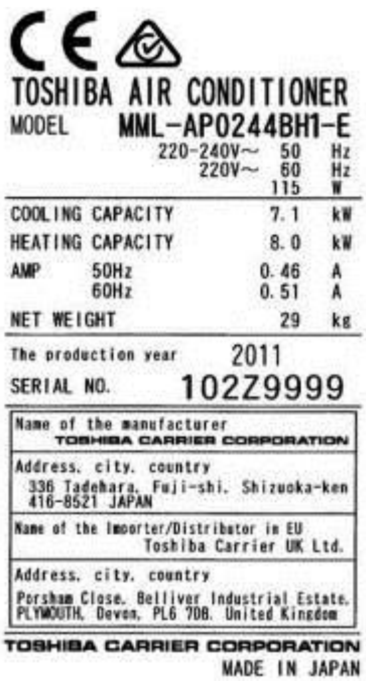
TOSHIBA AIR CONDITIONER
MODEL MML-AP0124BH1-E
220-240V~ 50 Hz
220V~ 60 Hz
60 W
COOLING CAPACITY 3.6 kW
HEATING CAPACITY 4.0 kW
AMP 50Hz 0.25 A
60Hz 0.27 A
NET WEIGHT 21 kg
The production year 2011
SERIAL NO. 102Z9999
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB. United Kingdom
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



TOSHIBA AIR CONDITIONER
MODEL MML-AP0154BH1-E
220-240V~ 50 Hz
220V~ 60 Hz
100 W
COOLING CAPACITY 4.5 kW
HEATING CAPACITY 5.0 kW
AMP 50Hz 0.45 A
60Hz 0.46 A
NET WEIGHT 29 kg
The production year 2011
SERIAL NO. 102Z9999
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB. United Kingdom
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



TOSHIBA AIR CONDITIONER
MODEL MML-AP0184BH1-E
220-240V~ 50 Hz
220V~ 60 Hz
100 W
COOLING CAPACITY 5.6 kW
HEATING CAPACITY 6.3 kW
AMP 50Hz 0.45 A
60Hz 0.46 A
NET WEIGHT 29 kg
The production year 2011
SERIAL NO. 102Z9999
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB. United Kingdom
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN



TOSHIBA AIR CONDITIONER
MODEL MML-AP0244BH1-E
220-240V~ 50 Hz
220V~ 60 Hz
115 W
COOLING CAPACITY 7.1 kW
HEATING CAPACITY 8.0 kW
AMP 50Hz 0.46 A
60Hz 0.51 A
NET WEIGHT 29 kg
The production year 2011
SERIAL NO. 102Z9999
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB. United Kingdom
TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

Copy of marking plate: (Continued)

Indoor unit: (Floor Standing Concealed)

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0074BH1-TR

220-240V~	50	Hz
220V~	60	Hz
	60	W
COOLING CAPACITY	2.8	kW
HEATING CAPACITY	3.2	kW
AMP 50Hz	0.25	A
60Hz	0.27	A
NET WEIGHT	21	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN

İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0094BH1-TR

220-240V~	50	Hz
220V~	60	Hz
	60	W
COOLING CAPACITY	2.8	kW
HEATING CAPACITY	3.2	kW
AMP 50Hz	0.25	A
60Hz	0.27	A
NET WEIGHT	21	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN

İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0124BH1-TR

220-240V~	50	Hz
220V~	60	Hz
	60	W
COOLING CAPACITY	3.6	kW
HEATING CAPACITY	4.0	kW
AMP 50Hz	0.25	A
60Hz	0.27	A
NET WEIGHT	21	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN

İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0154BH1-TR

220-240V~	50	Hz
220V~	60	Hz
	100	W
COOLING CAPACITY	4.5	kW
HEATING CAPACITY	5.0	kW
AMP 50Hz	0.45	A
60Hz	0.46	A
NET WEIGHT	29	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN

İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0184BH1-TR

220-240V~	50	Hz
220V~	60	Hz
	100	W
COOLING CAPACITY	5.6	kW
HEATING CAPACITY	6.3	kW
AMP 50Hz	0.45	A
60Hz	0.46	A
NET WEIGHT	29	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN

İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0244BH1-TR

220-240V~	50	Hz
220V~	60	Hz
	115	W
COOLING CAPACITY	7.1	kW
HEATING CAPACITY	8.0	kW
AMP 50Hz	0.46	A
60Hz	0.51	A
NET WEIGHT	29	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN

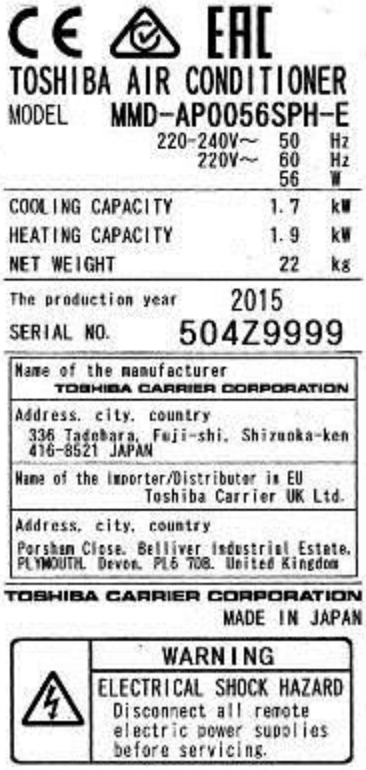
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

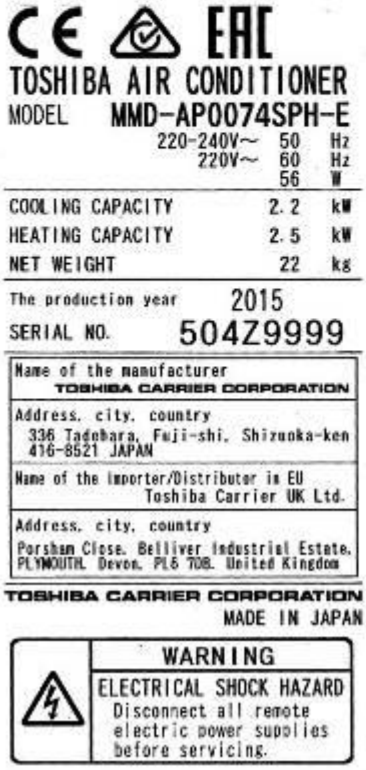
TOSHIBA CARRIER CORPORATION

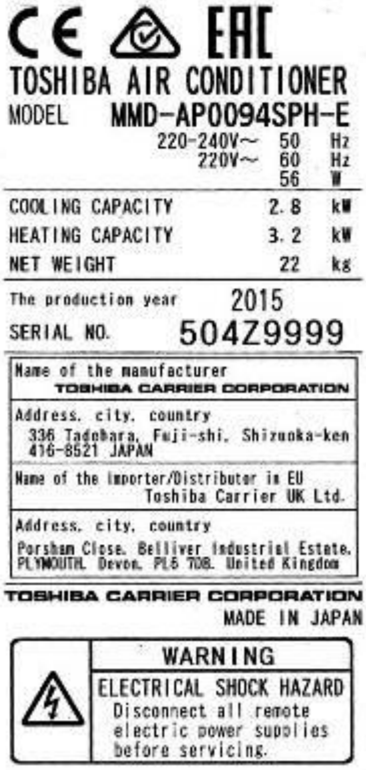
MADE IN JAPAN

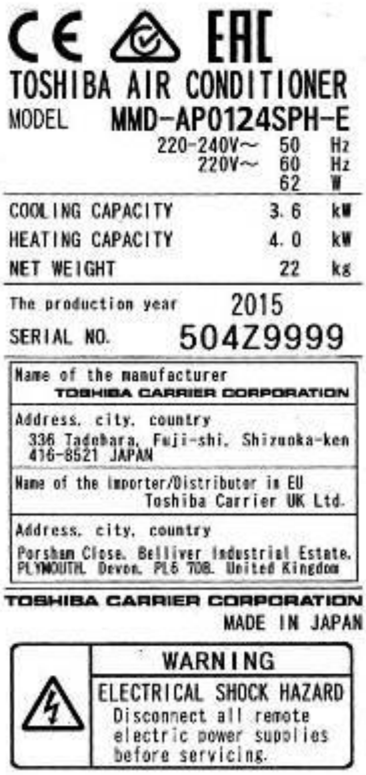
Copy of marking plate: (Continued)

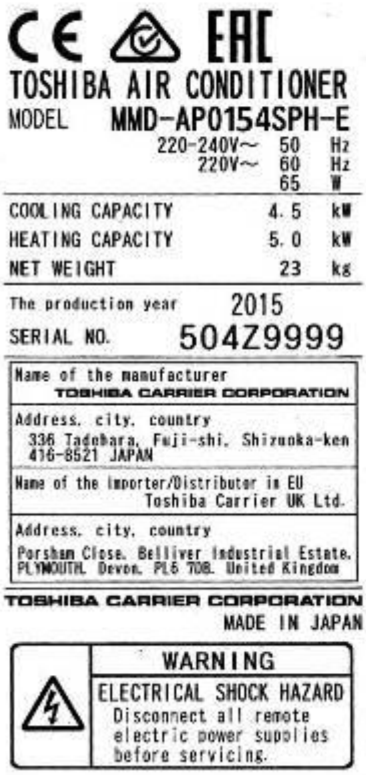
Indoor unit: (Slim Duct)

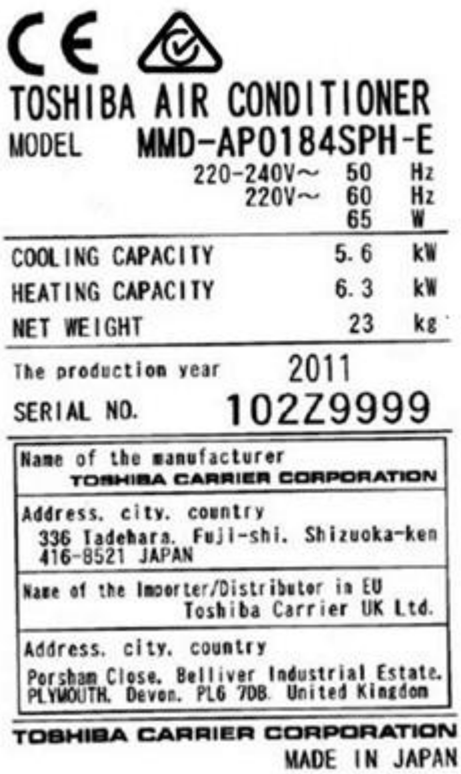






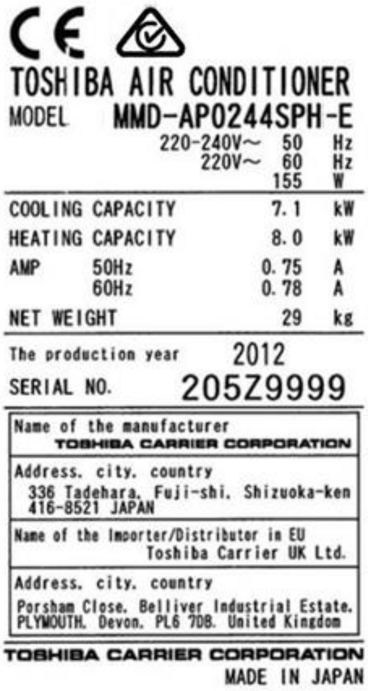


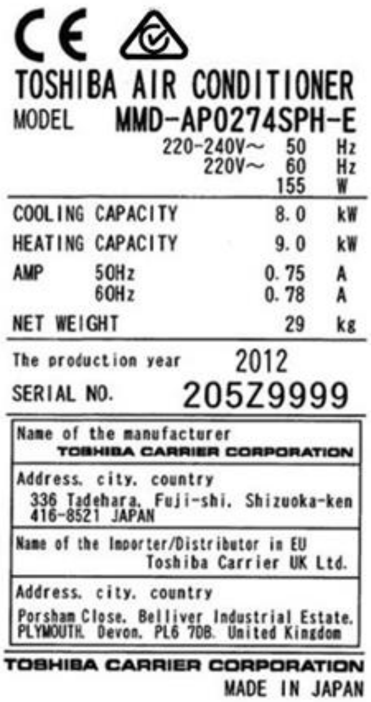


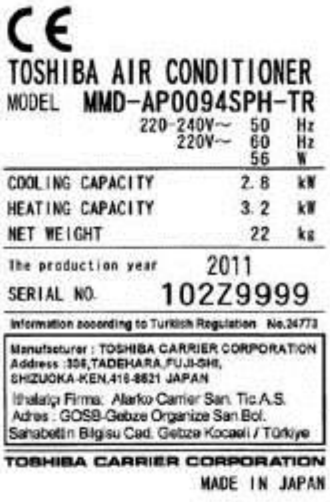


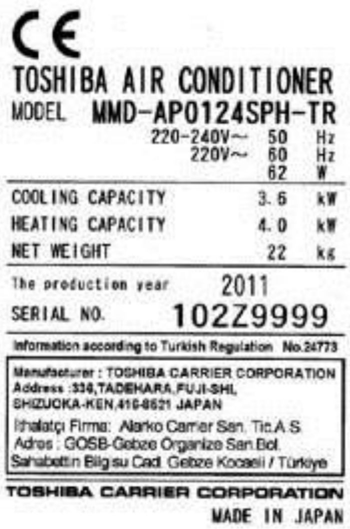
Copy of marking plate: (Continued)

Indoor unit: (Slim Duct)



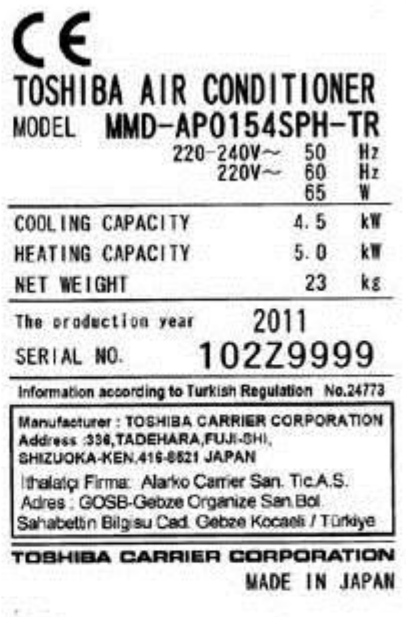


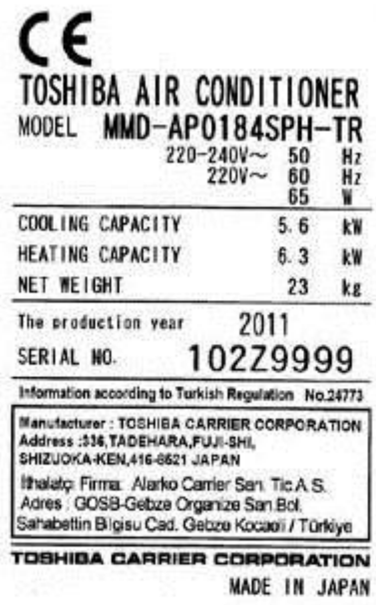


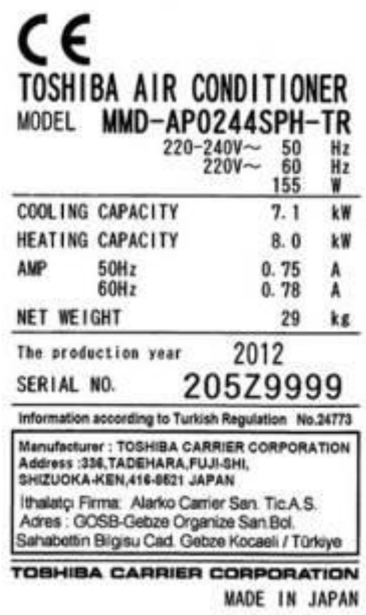


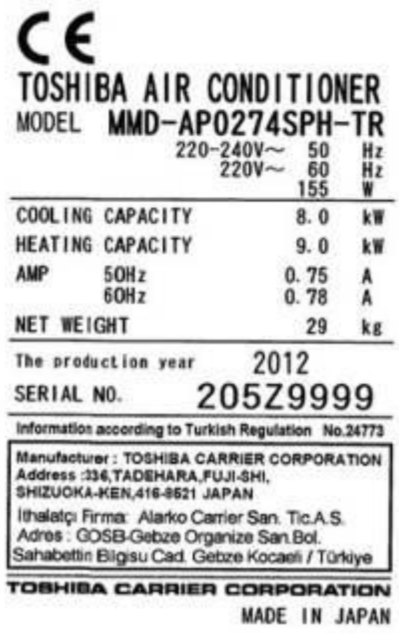
Copy of marking plate: (Continued)

Indoor unit: (Slim Duct)



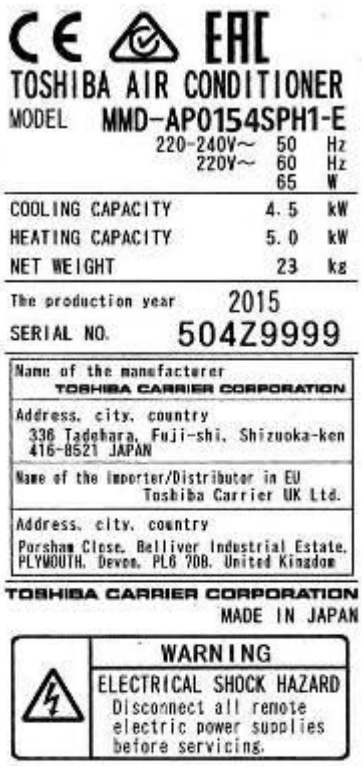


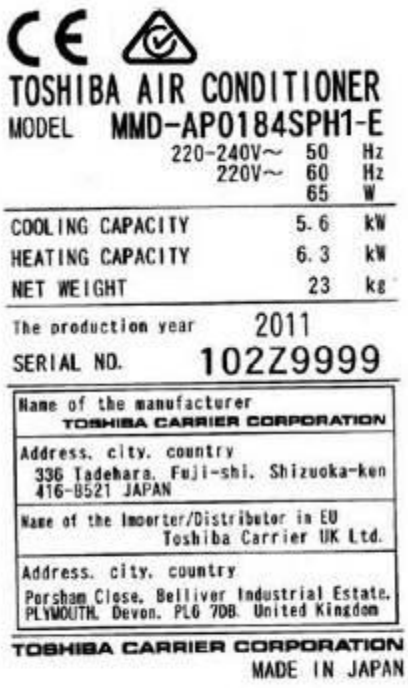


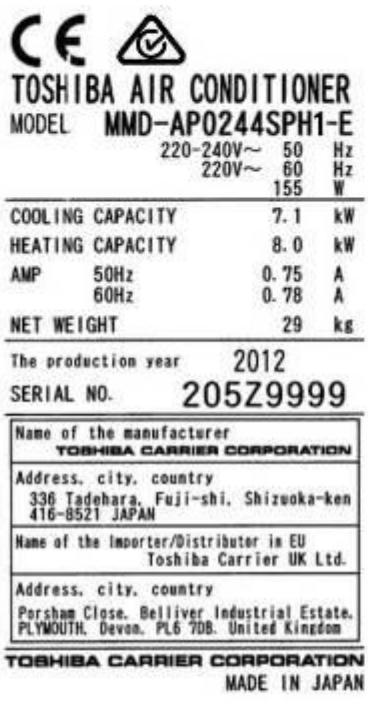


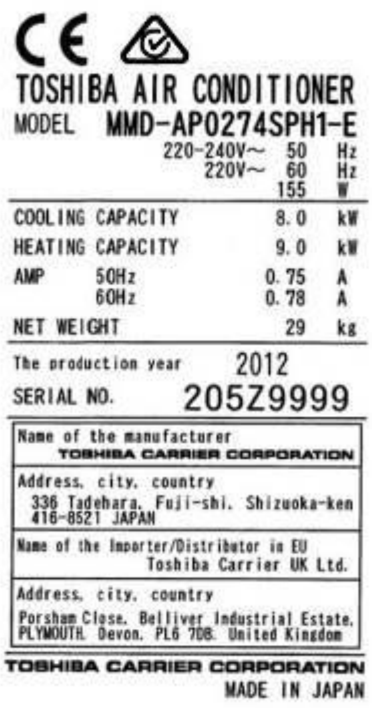
Copy of marking plate: (Continued)

Indoor unit: (Slim Duct)



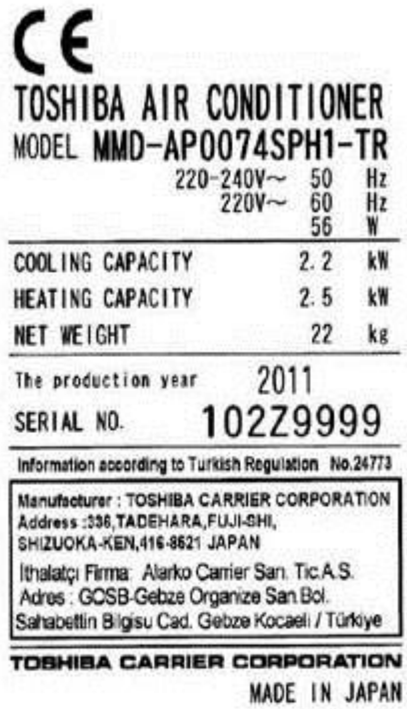


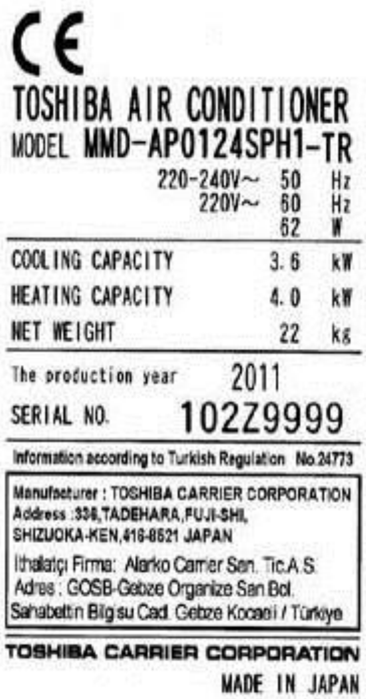




Copy of marking plate: (Continued)

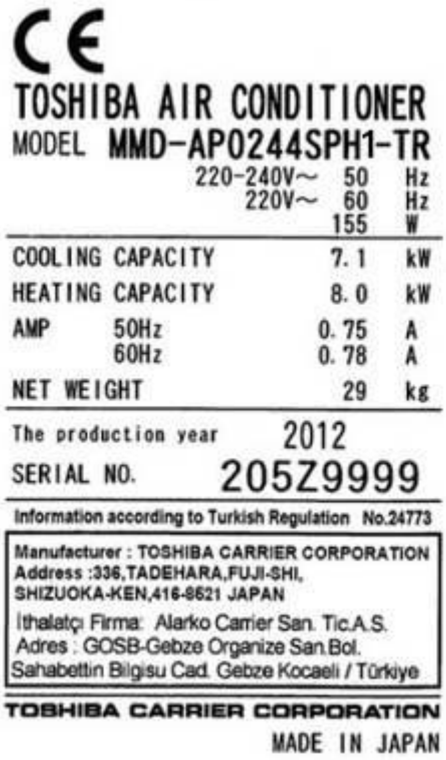
Indoor unit: (Slim Duct)





Copy of marking plate: (Continued)

Indoor unit: (Slim Duct)



Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct High static pressure)

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0186HP-E

220-240V ~ 50Hz
220V ~ 60Hz
200 W

COOLING CAPACITY		5.6 kW
HEATING CAPACITY		6.3 kW
AMP	50Hz	1.00 A
	60Hz	1.05 A
NET WEIGHT		34 kg

The production year 2014

SERIAL NO. 43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048843

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0246HP-E

220-240V ~ 50Hz
220V ~ 60Hz
250 W

COOLING CAPACITY		7.1 kW
HEATING CAPACITY		8.0 kW
AMP	50Hz	1.25 A
	60Hz	1.31 A
NET WEIGHT		34 kg

The production year 2014

SERIAL NO. 43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048844

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0276HP-E

220-240V ~ 50Hz
220V ~ 60Hz
250 W

COOLING CAPACITY		8.0 kW
HEATING CAPACITY		9.0 kW
AMP	50Hz	1.25 A
	60Hz	1.31 A
NET WEIGHT		34 kg

The production year 2014

SERIAL NO. 43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048845

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0366HP-E

220-240V ~ 50Hz
220V ~ 60Hz
420 W

COOLING CAPACITY		11.2 kW
HEATING CAPACITY		12.5 kW
AMP	50Hz	2.05 A
	60Hz	2.14 A
NET WEIGHT		43 kg

The production year 2014

SERIAL NO. 43200005

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

Overall efficiency(η)	45.3
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048846

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0486HP-E

220-240V ~ 50Hz
220V ~ 60Hz
450 W

COOLING CAPACITY		14.0 kW
HEATING CAPACITY		16.0 kW
AMP	50Hz	2.20 A
	60Hz	2.30 A
NET WEIGHT		43 kg

The production year 2014

SERIAL NO. 43200005

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

Overall efficiency(η)	44.9
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048847

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0566HP-E

220-240V ~ 50Hz
220V ~ 60Hz
480 W

COOLING CAPACITY		16.0 kW
HEATING CAPACITY		18.0 kW
AMP	50Hz	2.55 A
	60Hz	2.67 A
NET WEIGHT		43 kg

The production year 2014

SERIAL NO. 43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

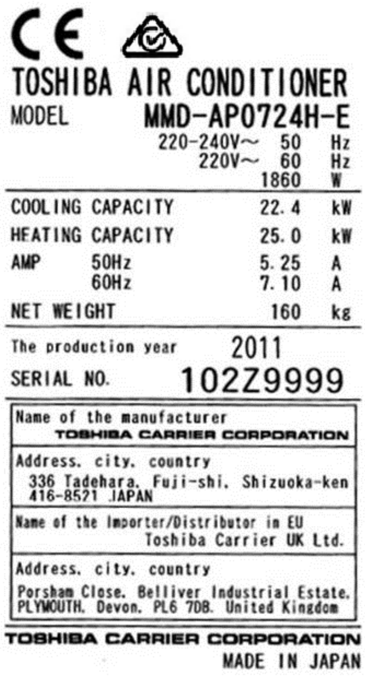
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

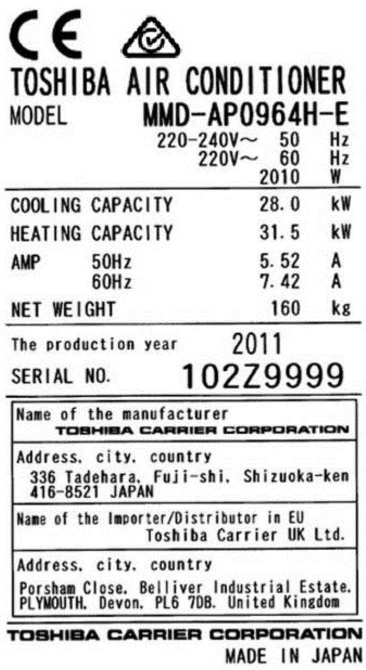
Overall efficiency(η)	44.6
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048848

Copy of marking plate: (Continued)

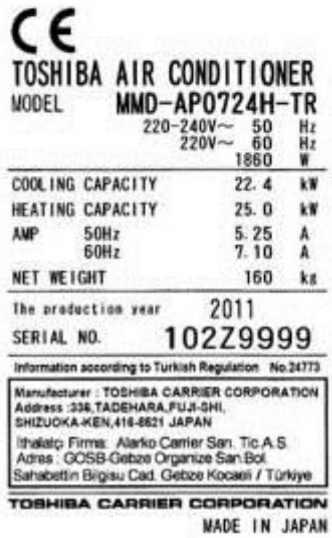
Indoor unit: (Concealed Duct High static pressure)

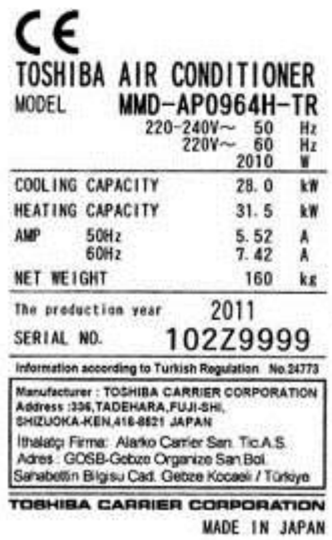




Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct High static pressure)





Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct High static pressure)

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0186HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
200 W

COOLING CAPACITY	5.6 kW
HEATING CAPACITY	6.3 kW
AMP 50Hz	1.00 A
60Hz	1.05 A
NET WEIGHT	34 kg
The production year	2014
SERIAL NO.	43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048843

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0246HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
250 W

COOLING CAPACITY	7.1 kW
HEATING CAPACITY	8.0 kW
AMP 50Hz	1.25 A
60Hz	1.31 A
NET WEIGHT	34 kg
The production year	2014
SERIAL NO.	43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048844

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0276HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
250 W

COOLING CAPACITY	8.0 kW
HEATING CAPACITY	9.0 kW
AMP 50Hz	1.25 A
60Hz	1.31 A
NET WEIGHT	34 kg
The production year	2014
SERIAL NO.	43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048845

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0366HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
420 W

COOLING CAPACITY	11.2 kW
HEATING CAPACITY	12.5 kW
AMP 50Hz	2.05 A
60Hz	2.14 A
NET WEIGHT	43 kg
The production year	2014
SERIAL NO.	43200005

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

Overall efficiency(η)	46.3
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048846

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0486HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
450 W

COOLING CAPACITY	14.0 kW
HEATING CAPACITY	16.0 kW
AMP 50Hz	2.20 A
60Hz	2.30 A
NET WEIGHT	43 kg
The production year	2014
SERIAL NO.	43200005

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

Overall efficiency(η)	44.9
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048847

CE EAC

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0566HP1-E
220-240V ~ 50Hz
220V ~ 60Hz
480 W

COOLING CAPACITY	16.0 kW
HEATING CAPACITY	18.0 kW
AMP 50Hz	2.55 A
60Hz	2.67 A
NET WEIGHT	43 kg
The production year	2014
SERIAL NO.	43200003

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

Overall efficiency(η)	44.8
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048848

Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct High static pressure)

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0726HP-E

220-240V ~ 50 Hz
220V ~ 60 Hz
800 W

COOLING CAPACITY		22.4 kW
HEATING CAPACITY		25.0 kW
AMP	50Hz	3.54 A
	60Hz	3.70 A
NET WEIGHT		97 kg

The production year 2015

SERIAL NO. 510Z9999

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB. United Kingdom

Overall efficiency(η)	52.0
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072052401

TOSHIBA AIR CONDITIONER

MODEL MMD-AP0966HP-E

220-240V ~ 50 Hz
220V ~ 60 Hz
1100 W

COOLING CAPACITY		28.0 kW
HEATING CAPACITY		31.5 kW
AMP	50Hz	4.90 A
	60Hz	5.12 A
NET WEIGHT		97 kg

The production year 2015

SERIAL NO. 510Z9999

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.

Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB. United Kingdom

Overall efficiency(η)	55.6
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072052402

TOSHIBA KLİMA

MODEL MMD-AP0186HP1-TR

220-240V ~ 50Hz
220V ~ 60Hz
200 W

SOĞUTMA KAPASİTESİ		5.6 kW
ISITMA KAPASİTESİ		6.3 kW
AMP	50Hz	1.00 A
	60Hz	1.05 A
NET AĞIRLIK		34 kg

Üretim yılı 2014

SERİ NUMARASI 43000005

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048849

TOSHIBA KLİMA

MODEL MMD-AP0246HP1-TR

220-240V ~ 50Hz
220V ~ 60Hz
250 W

SOĞUTMA KAPASİTESİ		7.1 kW
ISITMA KAPASİTESİ		8.0 kW
AMP	50Hz	1.25 A
	60Hz	1.31 A
NET AĞIRLIK		34 kg

Üretim yılı 2014

SERİ NUMARASI 43000005

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048850

TOSHIBA KLİMA

MODEL MMD-AP0276HP1-TR

220-240V ~ 50Hz
220V ~ 60Hz
250 W

SOĞUTMA KAPASİTESİ		8.0 kW
ISITMA KAPASİTESİ		9.0 kW
AMP	50Hz	1.25 A
	60Hz	1.31 A
NET AĞIRLIK		34 kg

Üretim yılı 2014

SERİ NUMARASI 43000005

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048851

TOSHIBA KLİMA

MODEL MMD-AP0366HP1-TR

220-240V ~ 50Hz
220V ~ 60Hz
420 W

SOĞUTMA KAPASİTESİ		11.2 kW
ISITMA KAPASİTESİ		12.5 kW
AMP	50Hz	2.05 A
	60Hz	2.14 A
NET AĞIRLIK		43 kg

Üretim yılı 2014

SERİ NUMARASI 43200004

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD.
41480 GEBZE-KOCAELI, TÜRKİYE

Overall efficiency(η)	45.3
Measurement category	A
Efficiency category	Statik
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	Değişken Hız Sürücüsü fana entegre edilmiştir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048852

Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct High static pressure)

CE
TOSHIBA KLİMA
MODEL MMD-AP0486HP1-TR
220-240V ~ 50Hz
220V ~ 60Hz
450 W

SOĞUTMA KAPASİTESİ	14.0 kW
ISITMA KAPASİTESİ	16.0 kW
AMP 50Hz	2.20 A
60Hz	2.30 A
NET AĞIRLIK	43 kg
Üretim yılı	2014
SERİ NUMARASI	43200003

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK,
TIVANON ROAD, TAMBOL BANGKADI,
AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYİ VE TİCARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYİ BOLGESİ
SAHABETTİN BILGISU CAD.
41480 GEBZE-KOCAELİ, TÜRKİYE

Overall efficiency(η)	44.9
Measurement category	A
Efficiency category	Statik
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	Değişken Hız Sürücüsü fana entegre edilmiştir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048853

CE
TOSHIBA KLİMA
MODEL MMD-AP0566HP1-TR
220-240V ~ 50Hz
220V ~ 60Hz
480 W

SOĞUTMA KAPASİTESİ	16.0 kW
ISITMA KAPASİTESİ	18.0 kW
AMP 50Hz	2.55 A
60Hz	2.67 A
NET AĞIRLIK	43 kg
Üretim yılı	2014
SERİ NUMARASI	43200004

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK,
TIVANON ROAD, TAMBOL BANGKADI,
AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYİ VE TİCARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYİ BOLGESİ
SAHABETTİN BILGISU CAD.
41480 GEBZE-KOCAELİ, TÜRKİYE

Overall efficiency(η)	44.6
Measurement category	A
Efficiency category	Statik
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	Değişken Hız Sürücüsü fana entegre edilmiştir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048854

CE
TOSHIBA KLİMA
MODEL MMD-AP0726HP-TR
220-240V ~ 50 Hz
220V ~ 60 Hz
800 W

SOĞUTMA KAPASİTESİ	22.4 kW
ISITMA KAPASİTESİ	25.0 kW
AMP 50Hz	3.54 A
60Hz	3.70 A
NET AĞIRLIK	97 kg
Üretim yılı	2015
SERİ NUMARASI	510Z9999

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK,
TIVANON ROAD, TAMBOL BANGKADI,
AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYİ VE TİCARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYİ BOLGESİ
SAHABETTİN BILGISU CAD.
41480 GEBZE-KOCAELİ, TÜRKİYE

Genel verim (η)	52.0
Ölçüm Kategorisi	A
Verim kategorisi	Statik
Optimum noktada verim derecesi	Birinci sınıf(2013/1):37 İkinci sınıf(2015/1):44
Değişken hız kontrolü fan üzerinde entegre mi yoksa harici mi takılmalı.	Değişken Hız Sürücüsü fana entegre edilmiştir

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072052403

CE
TOSHIBA KLİMA
MODEL MMD-AP0966HP-TR
220-240V ~ 50 Hz
220V ~ 60 Hz
1100 W

SOĞUTMA KAPASİTESİ	28.0 kW
ISITMA KAPASİTESİ	31.5 kW
AMP 50Hz	4.90 A
60Hz	5.12 A
NET AĞIRLIK	97 kg
Üretim yılı	2015
SERİ NUMARASI	510Z9999

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK,
TIVANON ROAD, TAMBOL BANGKADI,
AMPHUR MUANG, PATHUMTHANI 12000 ,THAILAND.
İthalatçı :
ALARKO CARRIER SANAYİ VE TİCARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYİ BOLGESİ
SAHABETTİN BILGISU CAD.
41480 GEBZE-KOCAELİ, TÜRKİYE

Genel verim (η)	55.6
Ölçüm Kategorisi	A
Verim kategorisi	Statik
Optimum noktada verim derecesi	Birinci sınıf(2013/1):37 İkinci sınıf(2015/1):44
Değişken hız kontrolü fan üzerinde entegre mi yoksa harici mi takılmalı.	Değişken Hız Sürücüsü fana entegre edilmiştir

TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072052404

CE
TOSHIBA AIR CONDITIONER
MODEL MMD-AP0186HP-EU
220-240V ~ 50Hz
220V ~ 60Hz
250 W

COOLING CAPACITY	5.6 kW
HEATING CAPACITY	6.3 kW
AMP 50Hz	1.25 A
60Hz	1.31 A
NET WEIGHT	34 kg
The production year	2015
SERIAL NO.	52500001

Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048855

CE
TOSHIBA AIR CONDITIONER
MODEL MMD-AP0276HP-EU
220-240V ~ 50Hz
220V ~ 60Hz
480 W

COOLING CAPACITY	8.0 kW
HEATING CAPACITY	9.0 kW
AMP 50Hz	2.55 A
60Hz	2.67 A
NET WEIGHT	43 kg
The production year	2015
SERIAL NO.	52500001

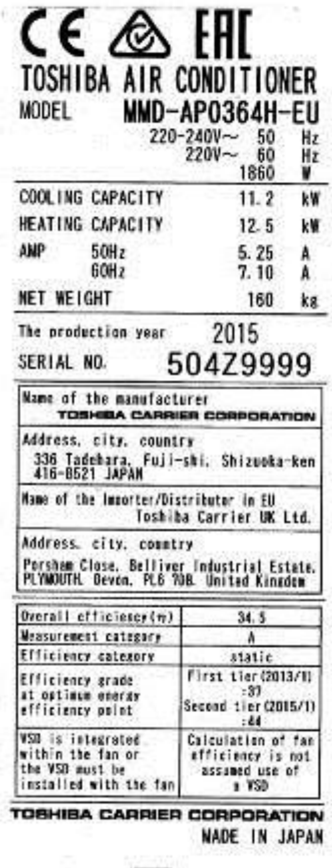
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000,
Thailand.
Name of the importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial
Estate, PLYMOUTH, Devon, PL6 7DB,
United Kingdom

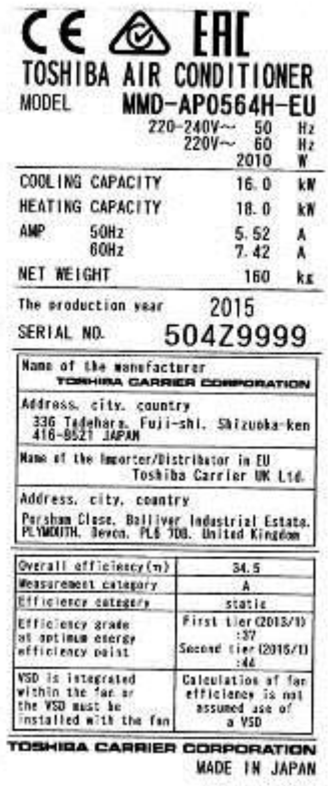
Overall efficiency(η)	45.3
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier (2013/1) :37 Second tier (2015/1) :44
VSD is integrated within the fan or the VSD must be installed with the fan	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072048856

Copy of marking plate: (Continued)

Indoor unit: (Concealed Duct High static pressure)





Copy of marking plate: (Continued)

Indoor unit: (Under Ceiling)

TOSHIBA AIR CONDITIONER

MODEL MMC-AP0157HP-E	220-240V~ 50 Hz 220V~ 60 Hz 70 W	COOLING CAPACITY 4.5 kW	AMP 50Hz 0.37 A 60Hz 0.37 A
		HEATING CAPACITY 5.0 kW	NET WEIGHT 24 kg

SERIAL NO. 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060540

TOSHIBA AIR CONDITIONER

MODEL MMC-AP0187HP-E	220-240V~ 50 Hz 220V~ 60 Hz 70 W	COOLING CAPACITY 5.6 kW	AMP 50Hz 0.38 A 60Hz 0.38 A
		HEATING CAPACITY 6.3 kW	NET WEIGHT 24 kg

SERIAL NO. 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060541

TOSHIBA AIR CONDITIONER

MODEL MMC-AP0247HP-E	220-240V~ 50 Hz 220V~ 60 Hz 103 W	COOLING CAPACITY 7.1 kW	AMP 50Hz 0.67 A 60Hz 0.67 A
		HEATING CAPACITY 8.0 kW	NET WEIGHT 30 kg

SERIAL NO. 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060542

TOSHIBA AIR CONDITIONER

MODEL MMC-AP0367HP-E	220-240V~ 50 Hz 220V~ 60 Hz 185 W	COOLING CAPACITY 11.2 kW	AMP 50Hz 0.80 A 60Hz 0.80 A
		HEATING CAPACITY 12.5 kW	NET WEIGHT 37 kg

SERIAL NO. 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060544

TOSHIBA AIR CONDITIONER

MODEL MMC-AP0487HP-E	220-240V~ 50 Hz 220V~ 60 Hz 185 W	COOLING CAPACITY 14.0 kW	AMP 50Hz 0.80 A 60Hz 0.80 A
		HEATING CAPACITY 16.0 kW	NET WEIGHT 37 kg

SERIAL NO. 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060545

TOSHIBA AIR CONDITIONER

MODEL MMC-AP0567HP-E	220-240V~ 50 Hz 220V~ 60 Hz 185 W	COOLING CAPACITY 16.0 kW	AMP 50Hz 1.02 A 60Hz 1.02 A
		HEATING CAPACITY 18.0 kW	NET WEIGHT 37 kg

SERIAL NO. 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060546

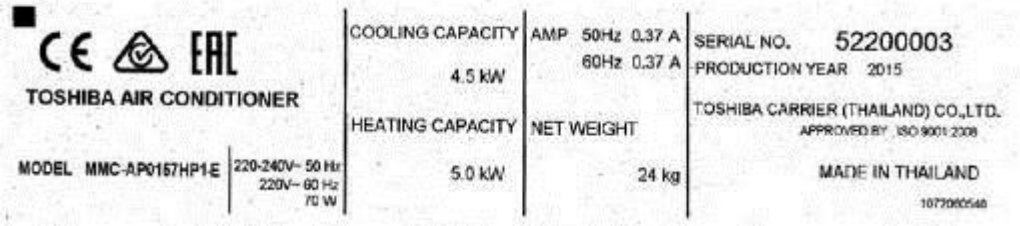
Copy of marking plate: (Continued)

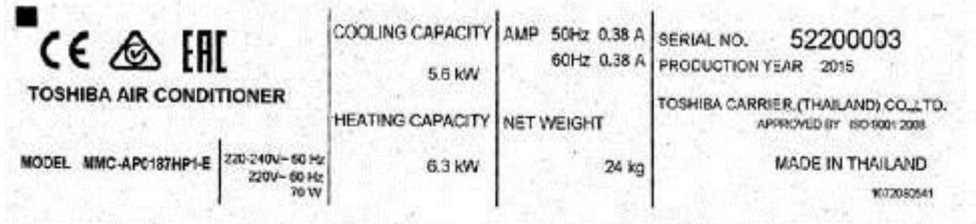
Indoor unit: (Under Ceiling)

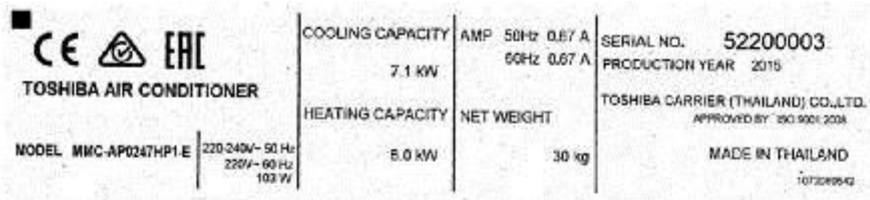
CE TOSHIBA KLİMA MODEL MMC-AP0157HP-TR	220-240V~ 50 Hz 220V~ 60 Hz 70 W	SOĞUTMA KAPASİTESİ 4.5 kW ISITMA KAPASİTESİ 5.0 kW	AMP 50Hz 0.37 A 60Hz 0.37 A NET AĞIRLIK 24 kg	SERİ NUMARASI 33100002 Üretim yılı 2013 TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060547
CE TOSHIBA KLİMA MODEL MMC-AP0187HP-TR	220-240V~ 50 Hz 220V~ 60 Hz 70 W	SOĞUTMA KAPASİTESİ 5.6 kW ISITMA KAPASİTESİ 6.3 kW	AMP 50Hz 0.38 A 60Hz 0.38 A NET AĞIRLIK 24 kg	SERİ NUMARASI 33100002 Üretim yılı 2013 TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060548
CE TOSHIBA KLİMA MODEL MMC-AP0247HP-TR	220-240V~ 50 Hz 220V~ 60 Hz 103 W	SOĞUTMA KAPASİTESİ 7.1 kW ISITMA KAPASİTESİ 8.0 kW	AMP 50Hz 0.67 A 60Hz 0.67 A NET AĞIRLIK 30 kg	SERİ NUMARASI 33100002 Üretim yılı 2013 TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060549
CE TOSHIBA KLİMA MODEL MMC-AP0277HP-TR	220-240V~ 50 Hz 220V~ 60 Hz 103 W	SOĞUTMA KAPASİTESİ 8.0 kW ISITMA KAPASİTESİ 9.0 kW	AMP 50Hz 0.67 A 60Hz 0.67 A NET AĞIRLIK 29 kg	SERİ NUMARASI 33000005 Üretim yılı 2013 TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060550
CE TOSHIBA KLİMA MODEL MMC-AP0367HP-TR	220-240V~ 50 Hz 220V~ 60 Hz 185 W	SOĞUTMA KAPASİTESİ 11.2 kW ISITMA KAPASİTESİ 12.5 kW	AMP 50Hz 0.80 A 60Hz 0.80 A NET AĞIRLIK 35 kg	SERİ NUMARASI 33000005 Üretim yılı 2013 TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060551
CE TOSHIBA KLİMA MODEL MMC-AP0487HP-TR	220-240V~ 50 Hz 220V~ 60 Hz 185 W	SOĞUTMA KAPASİTESİ 14.0 kW ISITMA KAPASİTESİ 16.0 kW	AMP 50Hz 0.80 A 60Hz 0.80 A NET AĞIRLIK 35 kg	SERİ NUMARASI 33000005 Üretim yılı 2013 TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060552
CE TOSHIBA KLİMA MODEL MMC-AP0567HP-TR	220-240V~ 50 Hz 220V~ 60 Hz 185 W	SOĞUTMA KAPASİTESİ 16.0 kW ISITMA KAPASİTESİ 18.0 kW	AMP 50Hz 1.02 A 60Hz 1.02 A NET AĞIRLIK 35 kg	SERİ NUMARASI 33000005 Üretim yılı 2013 TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060553

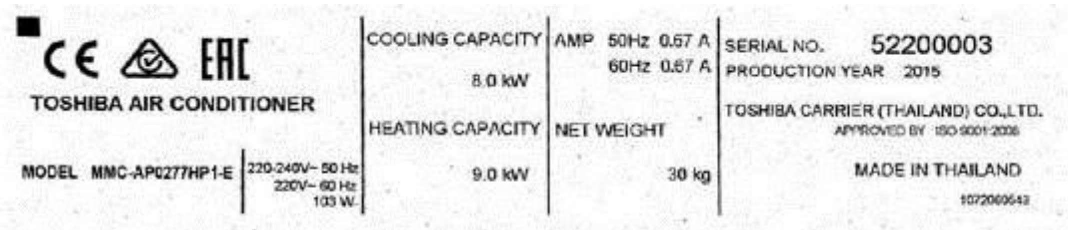
Copy of marking plate: (Continued)

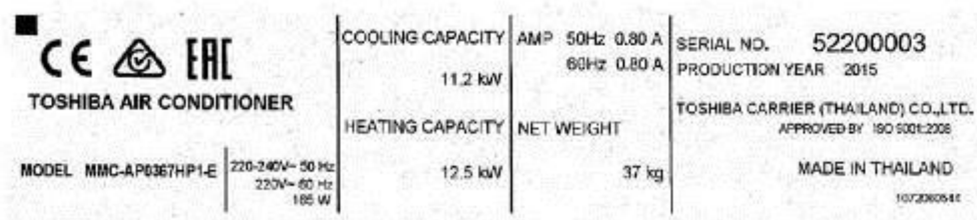
Indoor unit: (Under Ceiling)

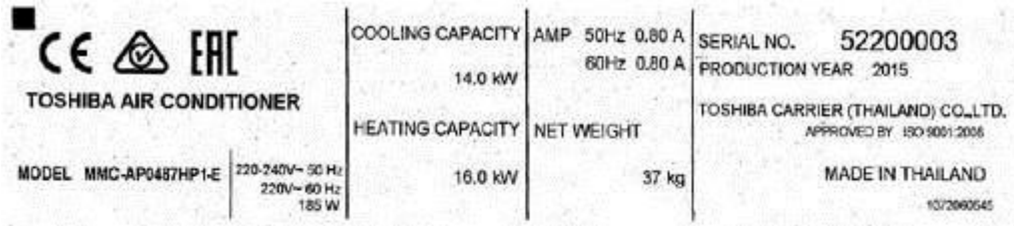


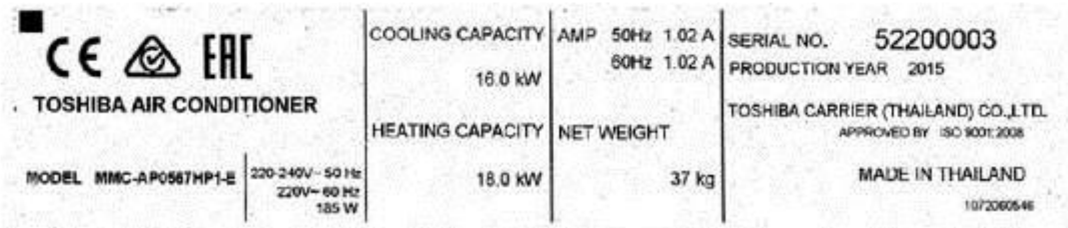












Copy of marking plate: (Continued)

Indoor unit: (Under Ceiling)

CE TOSHIBA KLİMA		SOĞUTMA KAPASİTESİ 4.5 kW	AMP 50Hz 0.37 A 60Hz 0.37 A	SERİ NUMARASI 33100002 Üretim yılı 2013
MODEL MMC-AP0157HP1-TR	220-240V~ 50 Hz 220V~ 60 Hz 70 W	ISITMA KAPASİTESİ 5.0 kW	NET AĞIRLIK 24 kg	TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060547

CE TOSHIBA KLİMA		SOĞUTMA KAPASİTESİ 5.6 kW	AMP 50Hz 0.38 A 60Hz 0.38 A	SERİ NUMARASI 33100002 Üretim yılı 2013
MODEL MMC-AP0187HP1-TR	220-240V~ 50 Hz 220V~ 60 Hz 70 W	ISITMA KAPASİTESİ 6.3 kW	NET AĞIRLIK 24 kg	TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060548

CE TOSHIBA KLİMA		SOĞUTMA KAPASİTESİ 7.1 kW	AMP 50Hz 0.67 A 60Hz 0.67 A	SERİ NUMARASI 33100002 Üretim yılı 2013
MODEL MMC-AP0247HP1-TR	220-240V~ 50 Hz 220V~ 60 Hz 103 W	ISITMA KAPASİTESİ 8.0 kW	NET AĞIRLIK 30 kg	TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060549

CE TOSHIBA KLİMA		SOĞUTMA KAPASİTESİ 8.0 kW	AMP 50Hz 0.67 A 60Hz 0.67 A	SERİ NUMARASI 33000005 Üretim yılı 2013
MODEL MMC-AP0277HP1-TR	220-240V~ 50 Hz 220V~ 60 Hz 103 W	ISITMA KAPASİTESİ 9.0 kW	NET AĞIRLIK 29 kg	TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060550

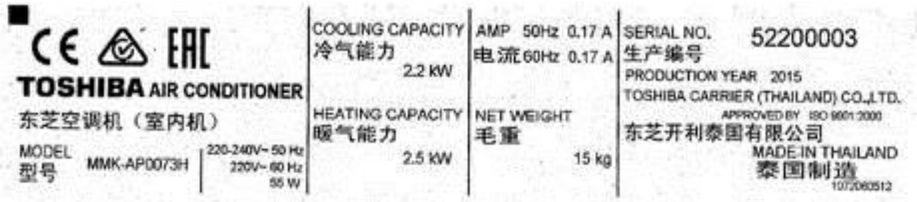
CE TOSHIBA KLİMA		SOĞUTMA KAPASİTESİ 11.2 kW	AMP 50Hz 0.80 A 60Hz 0.80 A	SERİ NUMARASI 33000005 Üretim yılı 2013
MODEL MMC-AP0367HP1-TR	220-240V~ 50 Hz 220V~ 60 Hz 185 W	ISITMA KAPASİTESİ 12.5 kW	NET AĞIRLIK 35 kg	TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060551

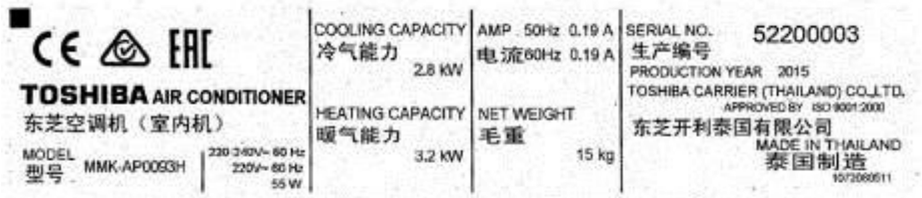
CE TOSHIBA KLİMA		SOĞUTMA KAPASİTESİ 14.0 kW	AMP 50Hz 0.80 A 60Hz 0.80 A	SERİ NUMARASI 33000005 Üretim yılı 2013
MODEL MMC-AP0487HP1-TR	220-240V~ 50 Hz 220V~ 60 Hz 185 W	ISITMA KAPASİTESİ 16.0 kW	NET AĞIRLIK 35 kg	TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060552

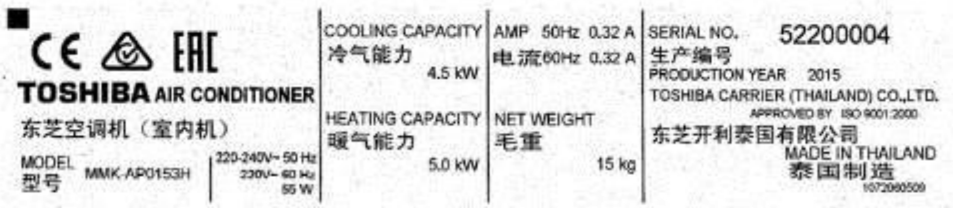
CE TOSHIBA KLİMA		SOĞUTMA KAPASİTESİ 16.0 kW	AMP 50Hz 1.02 A 60Hz 1.02 A	SERİ NUMARASI 33000005 Üretim yılı 2013
MODEL MMC-AP0567HP1-TR	220-240V~ 50 Hz 220V~ 60 Hz 185 W	ISITMA KAPASİTESİ 18.0 kW	NET AĞIRLIK 35 kg	TOSHIBA CARRIER (THAILAND) CO.,LTD. ISO 9001:2008 ONAYLIDIR MADE IN THAILAND ÜRETİM YERİ TAYLAND 1072060553

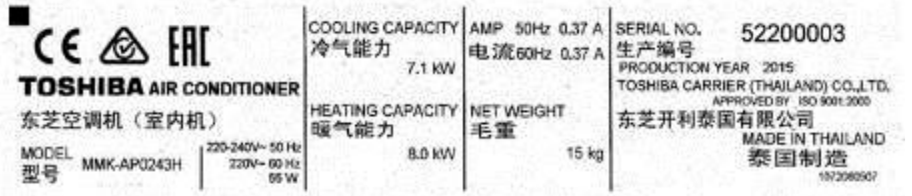
Copy of marking plate: (Continued)

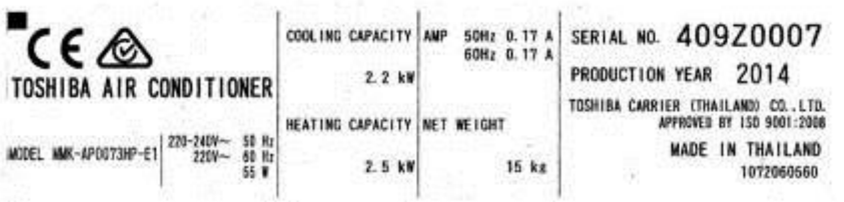
Indoor unit: (High Wall)

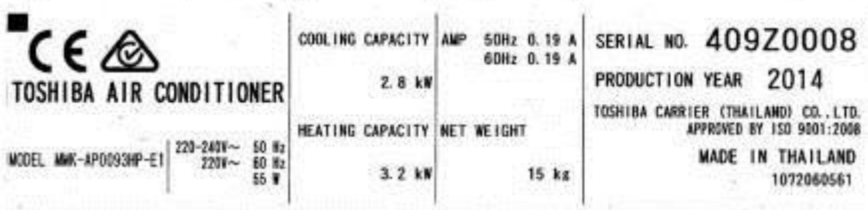






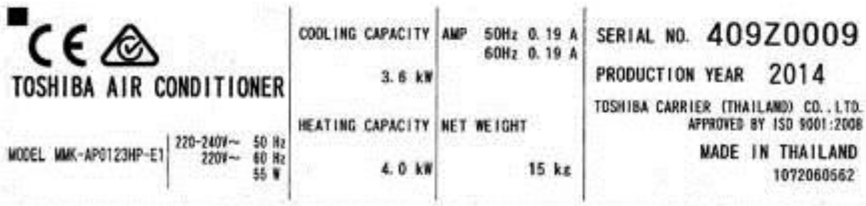


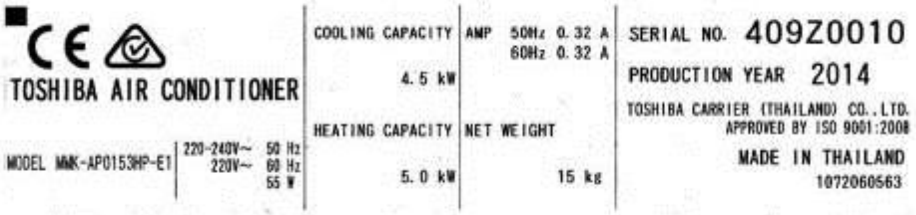


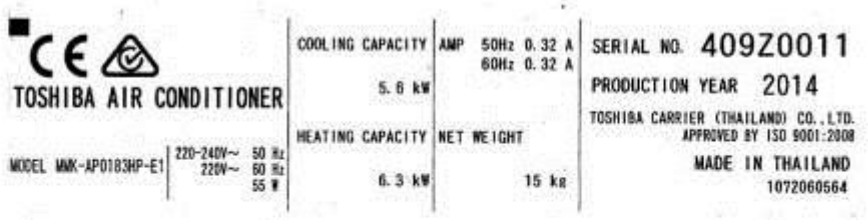


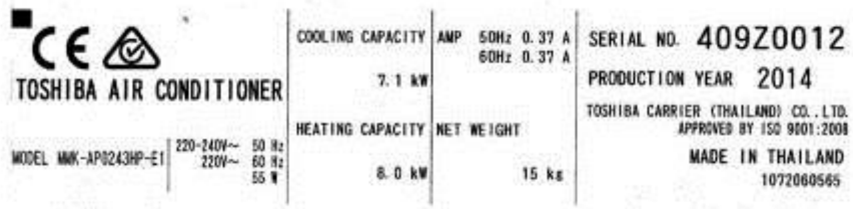
Copy of marking plate: (Continued)

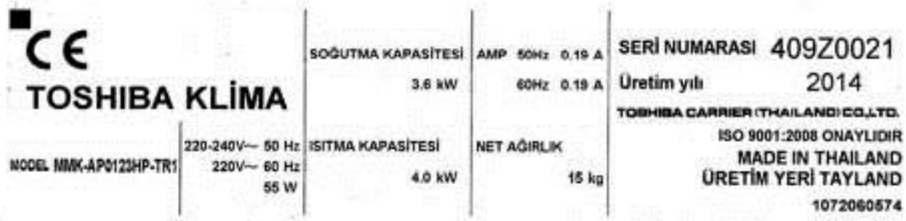
Indoor unit: (High Wall)





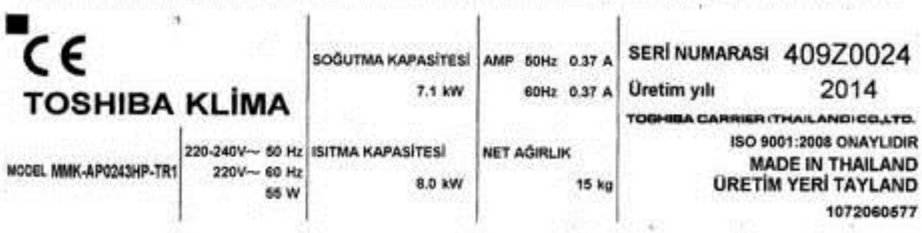


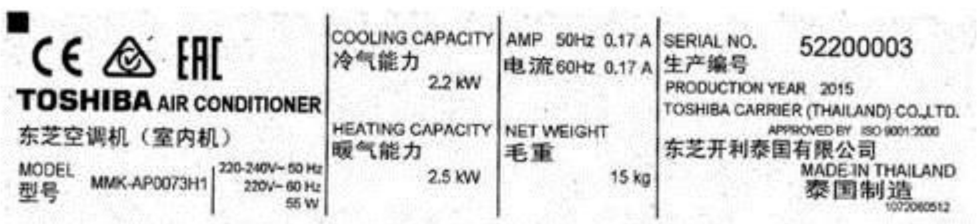


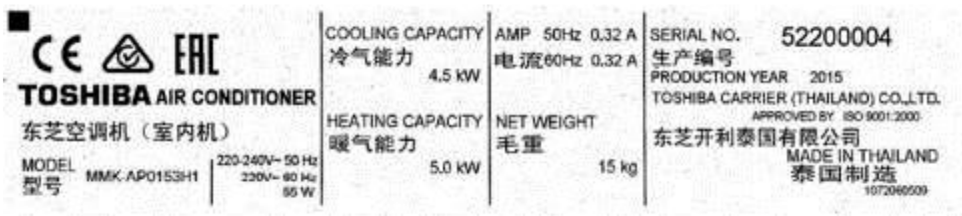


Copy of marking plate: (Continued)

Indoor unit: (High Wall)







Copy of marking plate: (Continued)

Indoor unit: (High Wall)

TOSHIBA AIR CONDITIONER
东芝空调机（室内机）
MODEL 型号 MMK-AP0183H1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W
COOLING CAPACITY 冷气能力 5.6 kW | AMP 50Hz 0.32 A 电流60Hz 0.32 A
HEATING CAPACITY 暖气能力 6.3 kW | NET WEIGHT 毛重 15 kg
SERIAL NO. 生产编号 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2000
东芝开利泰国有限公司
MADE IN THAILAND
泰国制造
1072060506

TOSHIBA AIR CONDITIONER
东芝空调机（室内机）
MODEL 型号 MMK-AP0243H1 | 220-240V~ 50 Hz 220V~ 60 Hz 65 W
COOLING CAPACITY 冷气能力 7.1 kW | AMP 50Hz 0.37 A 电流60Hz 0.37 A
HEATING CAPACITY 暖气能力 8.0 kW | NET WEIGHT 毛重 15 kg
SERIAL NO. 生产编号 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2000
东芝开利泰国有限公司
MADE IN THAILAND
泰国制造
1072060507

TOSHIBA AIR CONDITIONER
MODEL MMK-AP0073HP1-E1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W
COOLING CAPACITY 2.2 kW | AMP 50Hz 0.17 A 60Hz 0.17 A
HEATING CAPACITY 2.5 kW | NET WEIGHT 15 kg
SERIAL NO. 409Z0007
PRODUCTION YEAR 2014
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060560

TOSHIBA AIR CONDITIONER
MODEL MMK-AP0093HP1-E1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W
COOLING CAPACITY 2.8 kW | AMP 50Hz 0.19 A 60Hz 0.19 A
HEATING CAPACITY 3.2 kW | NET WEIGHT 15 kg
SERIAL NO. 409Z0008
PRODUCTION YEAR 2014
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060561

TOSHIBA AIR CONDITIONER
MODEL MMK-AP0123HP1-E1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W
COOLING CAPACITY 3.6 kW | AMP 50Hz 0.19 A 60Hz 0.19 A
HEATING CAPACITY 4.0 kW | NET WEIGHT 15 kg
SERIAL NO. 409Z0009
PRODUCTION YEAR 2014
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060562

TOSHIBA AIR CONDITIONER
MODEL MMK-AP0153HP1-E1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W
COOLING CAPACITY 4.5 kW | AMP 50Hz 0.32 A 60Hz 0.32 A
HEATING CAPACITY 5.0 kW | NET WEIGHT 15 kg
SERIAL NO. 409Z0010
PRODUCTION YEAR 2014
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060563

TOSHIBA AIR CONDITIONER
MODEL MMK-AP0183HP1-E1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W
COOLING CAPACITY 5.6 kW | AMP 50Hz 0.32 A 60Hz 0.32 A
HEATING CAPACITY 6.3 kW | NET WEIGHT 15 kg
SERIAL NO. 409Z0011
PRODUCTION YEAR 2014
TOSHIBA CARRIER (THAILAND) CO.,LTD.
APPROVED BY ISO 9001:2008
MADE IN THAILAND
1072060564

Copy of marking plate: (Continued)

Indoor unit: (High Wall)

CE

TOSHIBA AIR CONDITIONER

MODEL MMK-AP0243HP1-E1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W

COOLING CAPACITY 7.1 kW | AMP 50Hz 0.37 A 60Hz 0.37 A

HEATING CAPACITY 8.0 kW | NET WEIGHT 15 kg

SERIAL NO. 409Z0012

PRODUCTION YEAR 2014

TOSHIBA CARRIER (THAILAND) CO.,LTD.

APPROVED BY ISO 9001:2008

MADE IN THAILAND

1072060565

CE

TOSHIBA KLİMA

MODEL MMK-AP0073HP1-TR1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W

SOĞUTMA KAPASİTESİ 2.2 kW | AMP 50Hz 0.17 A 60Hz 0.17 A

ISITMA KAPASİTESİ 2.5 kW | NET AĞIRLIK 15 kg

SERİ NUMARASI 409Z0019

Üretim yılı 2014

TOSHIBA CARRIER (THAILAND) CO.,LTD.

ISO 9001:2008 ONAYLIDIR

MADE IN THAILAND

ÜRETİM YERİ TAYLAND

1072060572

CE

TOSHIBA KLİMA

MODEL MMK-AP0093HP1-TR1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W

SOĞUTMA KAPASİTESİ 2.8 kW | AMP 50Hz 0.19 A 60Hz 0.19 A

ISITMA KAPASİTESİ 3.2 kW | NET AĞIRLIK 15 kg

SERİ NUMARASI 409Z0020

Üretim yılı 2014

TOSHIBA CARRIER (THAILAND) CO.,LTD.

ISO 9001:2008 ONAYLIDIR

MADE IN THAILAND

ÜRETİM YERİ TAYLAND

1072060573

CE

TOSHIBA KLİMA

MODEL MMK-AP0123HP1-TR1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W

SOĞUTMA KAPASİTESİ 3.6 kW | AMP 50Hz 0.19 A 60Hz 0.19 A

ISITMA KAPASİTESİ 4.0 kW | NET AĞIRLIK 15 kg

SERİ NUMARASI 409Z0021

Üretim yılı 2014

TOSHIBA CARRIER (THAILAND) CO.,LTD.

ISO 9001:2008 ONAYLIDIR

MADE IN THAILAND

ÜRETİM YERİ TAYLAND

1072060574

CE

TOSHIBA KLİMA

MODEL MMK-AP0153HP1-TR1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W

SOĞUTMA KAPASİTESİ 4.5 kW | AMP 50Hz 0.32 A 60Hz 0.32 A

ISITMA KAPASİTESİ 5.0 kW | NET AĞIRLIK 15 kg

SERİ NUMARASI 409Z0022

Üretim yılı 2014

TOSHIBA CARRIER (THAILAND) CO.,LTD.

ISO 9001:2008 ONAYLIDIR

MADE IN THAILAND

ÜRETİM YERİ TAYLAND

1072060575

CE

TOSHIBA KLİMA

MODEL MMK-AP0183HP1-TR1 | 220-240V~ 50 Hz 220V~ 60 Hz 55 W

SOĞUTMA KAPASİTESİ 5.6 kW | AMP 50Hz 0.32 A 60Hz 0.32 A

ISITMA KAPASİTESİ 6.3 kW | NET AĞIRLIK 15 kg

SERİ NUMARASI 409Z0023

Üretim yılı 2014

TOSHIBA CARRIER (THAILAND) CO.,LTD.

ISO 9001:2008 ONAYLIDIR

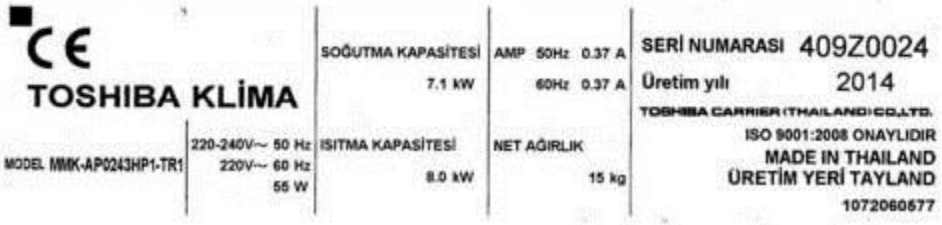
MADE IN THAILAND

ÜRETİM YERİ TAYLAND

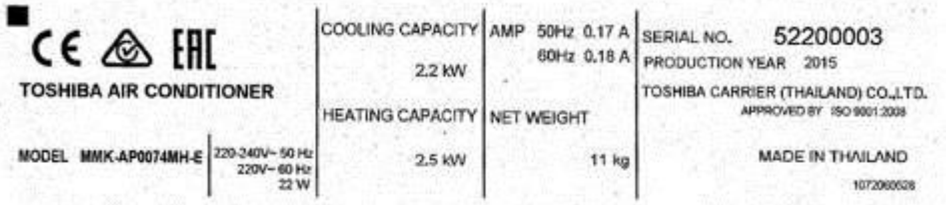
1072060576

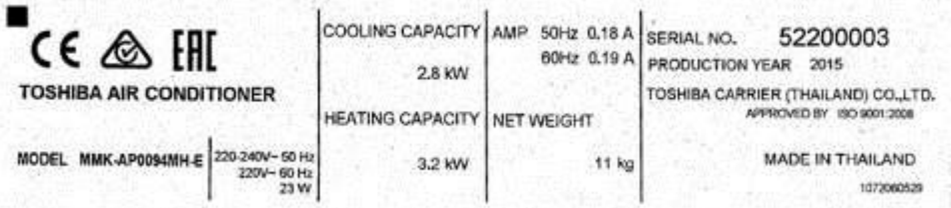
Copy of marking plate: (Continued)

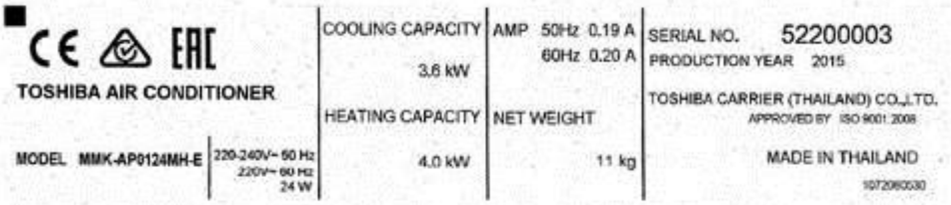
Indoor unit: (High Wall)

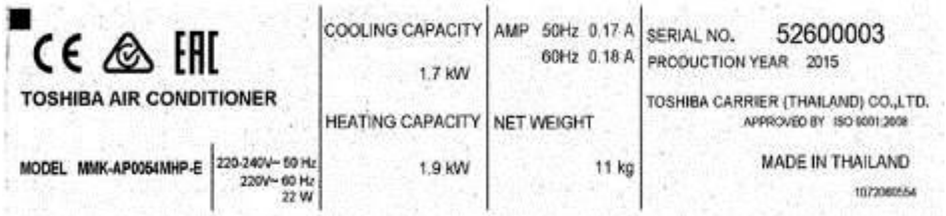


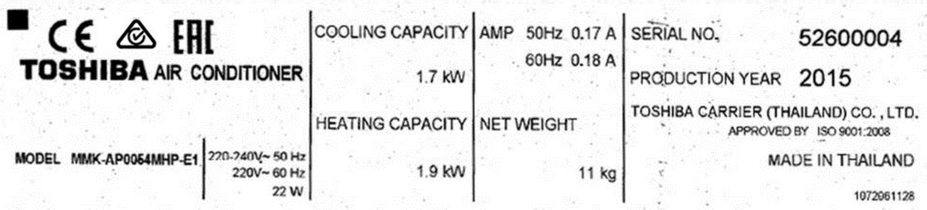
Indoor unit: (Compact High Wall)

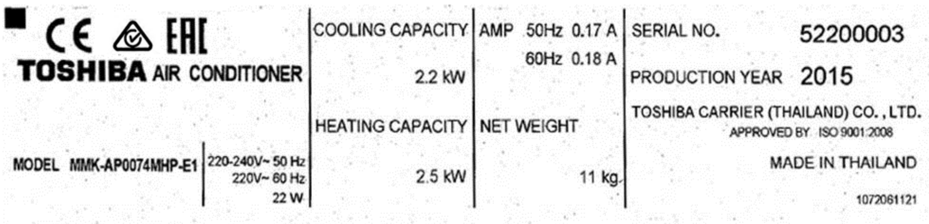






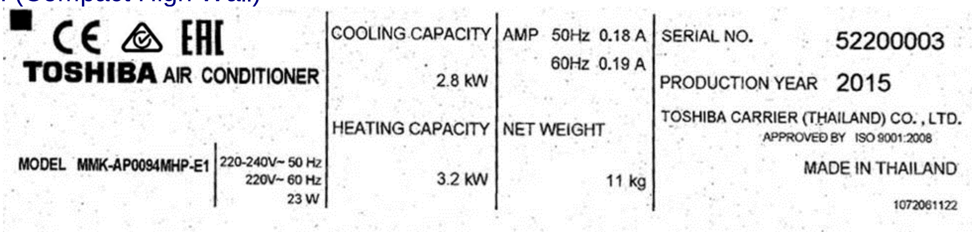


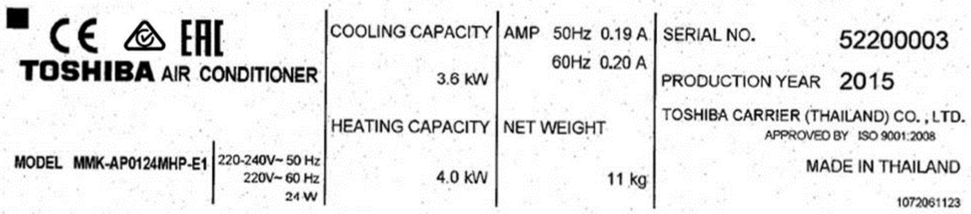


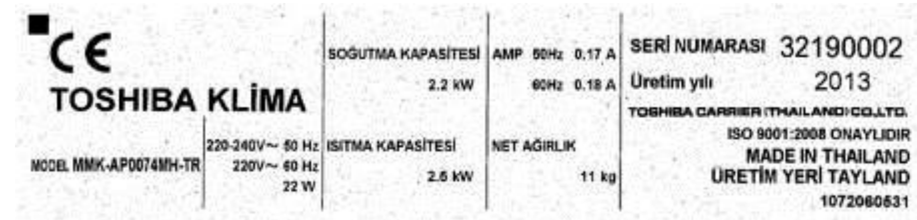


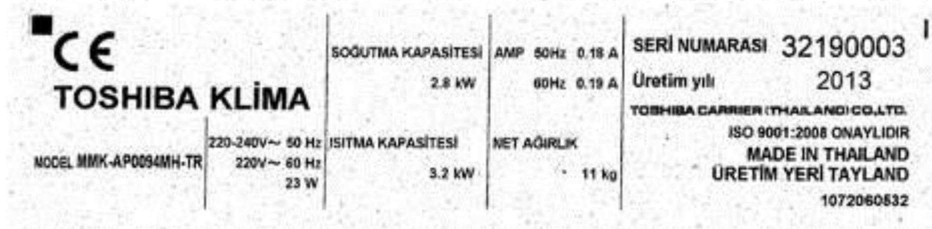
Copy of marking plate: (Continued)

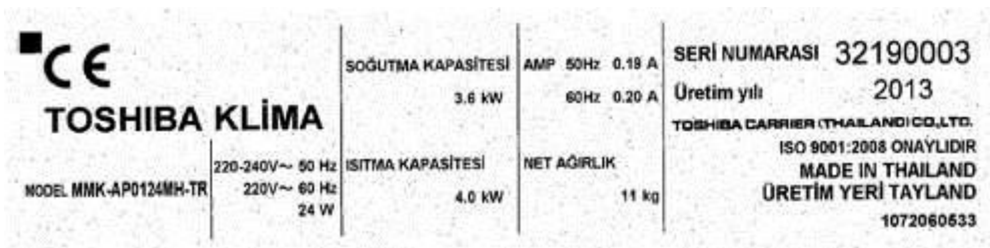
Indoor unit: (Compact High Wall)

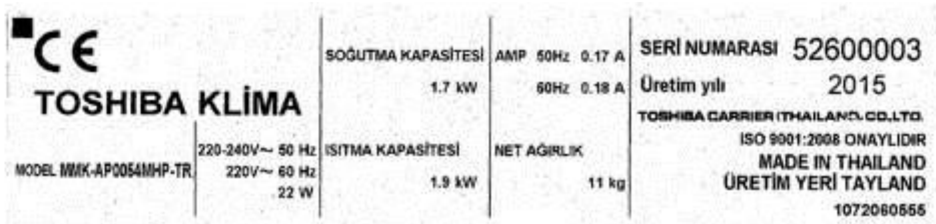


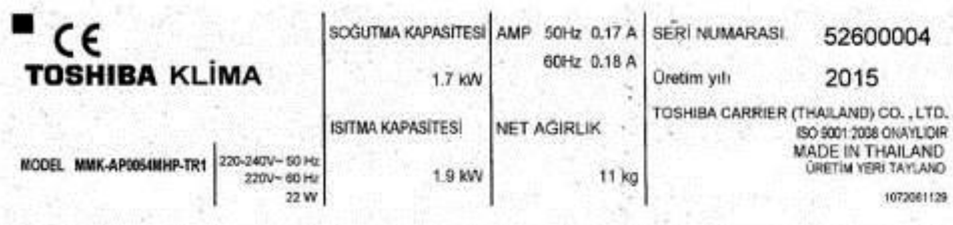












Copy of marking plate: (Continued)

Indoor unit: (Compact High Wall)

Copy of marking plate: (Continued)

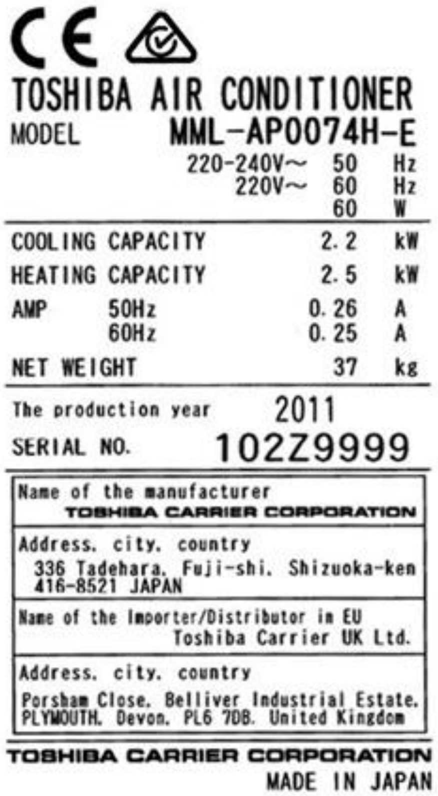
Indoor unit: (Compact High Wall)

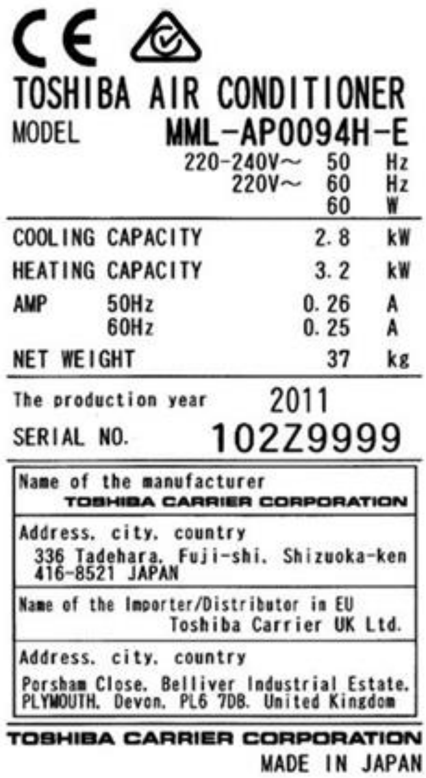
Copy of marking plate: (Continued)

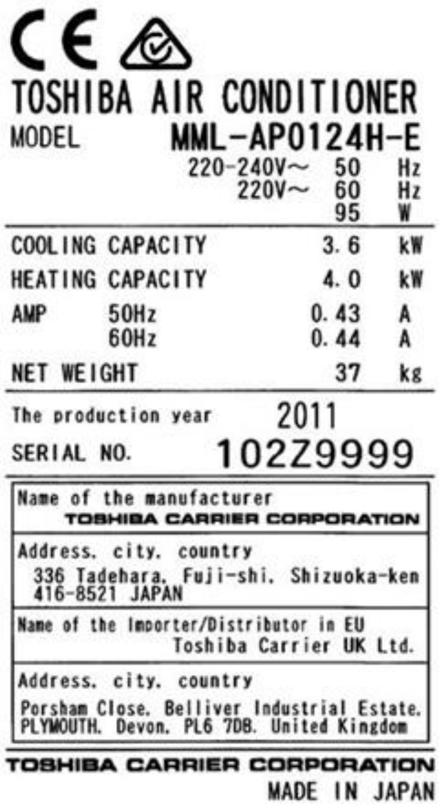
Indoor unit: (Compact High Wall)

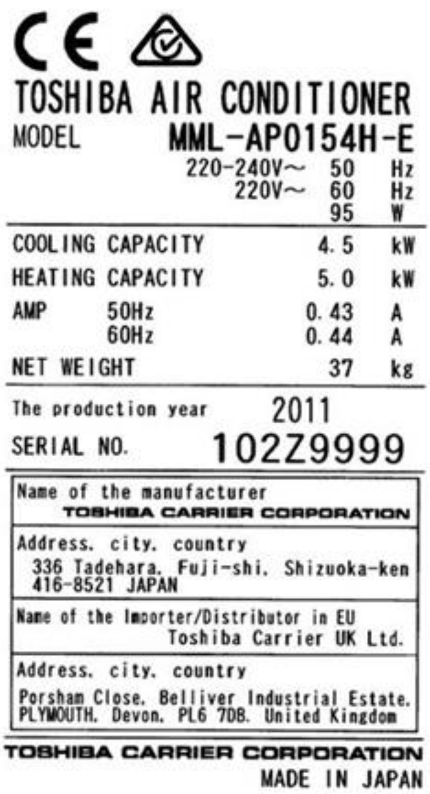
Copy of marking plate: (Continued)

Indoor unit: (Floor Standing Cabinet)



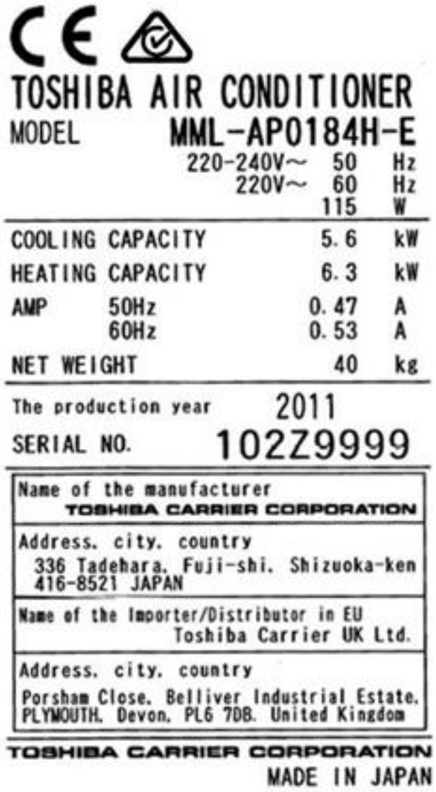


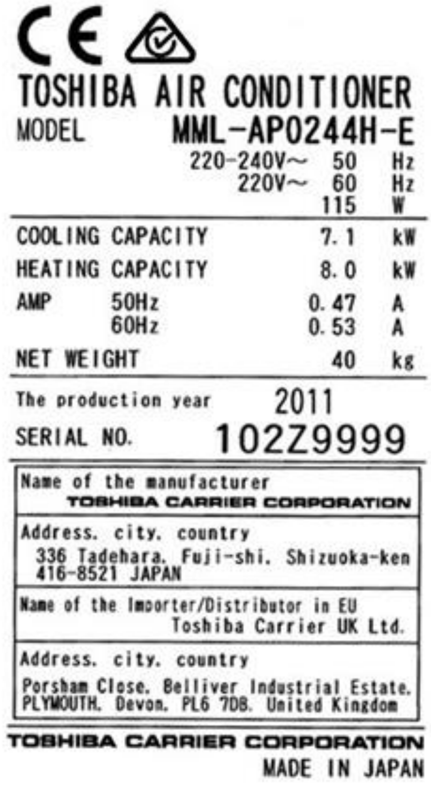


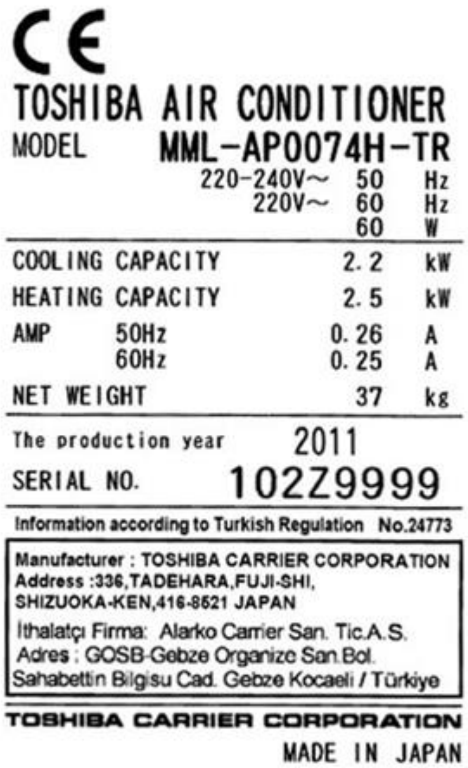


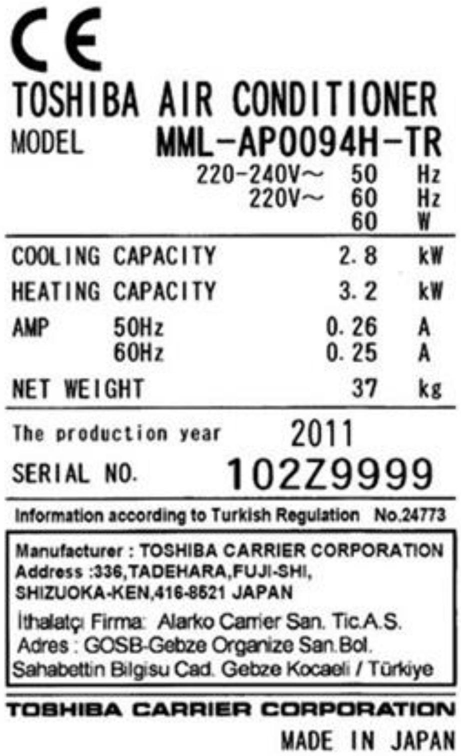
Copy of marking plate: (Continued)

Indoor unit: (Floor Standing Cabinet)









Copy of marking plate: (Continued)

Indoor unit: (Floor Standing Cabinet)

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0124H-TR

220-240V~ 50 Hz
220V~ 60 Hz
95 W

COOLING CAPACITY	3.6	kW
HEATING CAPACITY	4.0	kW
AMP 50Hz	0.43	A
60Hz	0.44	A
NET WEIGHT	37	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0154H-TR

220-240V~ 50 Hz
220V~ 60 Hz
95 W

COOLING CAPACITY	4.5	kW
HEATING CAPACITY	5.0	kW
AMP 50Hz	0.43	A
60Hz	0.44	A
NET WEIGHT	37	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0184H-TR

220-240V~ 50 Hz
220V~ 60 Hz
115 W

COOLING CAPACITY	5.6	kW
HEATING CAPACITY	6.3	kW
AMP 50Hz	0.47	A
60Hz	0.53	A
NET WEIGHT	40	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0244H-TR

220-240V~ 50 Hz
220V~ 60 Hz
115 W

COOLING CAPACITY	7.1	kW
HEATING CAPACITY	8.0	kW
AMP 50Hz	0.47	A
60Hz	0.53	A
NET WEIGHT	40	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

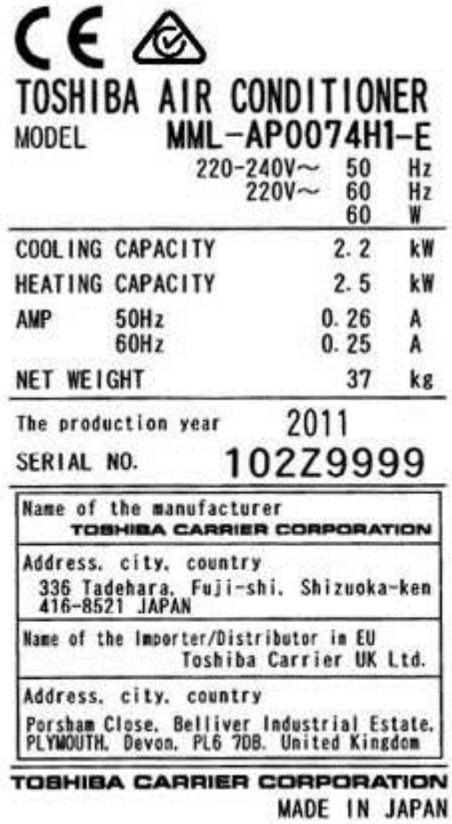
Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

Copy of marking plate: (Continued)

Indoor unit: (Floor Standing Cabinet)



TOSHIBA AIR CONDITIONER

MODEL MML-AP0074H1-E

220-240V~ 50 Hz

220V~ 60 Hz

60 W

COOLING CAPACITY	2.2	kW
HEATING CAPACITY	2.5	kW
AMP 50Hz	0.26	A
60Hz	0.25	A
NET WEIGHT	37	kg

The production year 2011

SERIAL NO. 102Z9999

Name of the manufacturer TOSHIBA CARRIER CORPORATION

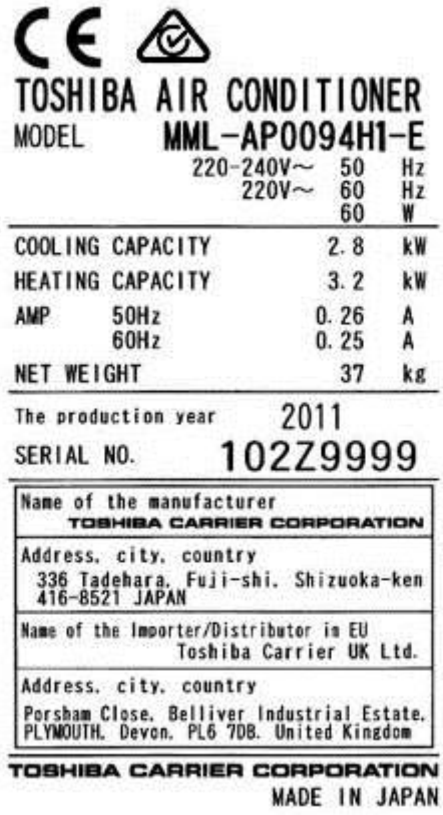
Address, city, country 336 Tadehara, Fuji-shi, Shizuoka-ken 416-8521 JAPAN

Name of the Importer/Distributor in EU Toshiba Carrier UK Ltd.

Address, city, country Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN



TOSHIBA AIR CONDITIONER

MODEL MML-AP0094H1-E

220-240V~ 50 Hz

220V~ 60 Hz

60 W

COOLING CAPACITY	2.8	kW
HEATING CAPACITY	3.2	kW
AMP 50Hz	0.26	A
60Hz	0.25	A
NET WEIGHT	37	kg

The production year 2011

SERIAL NO. 102Z9999

Name of the manufacturer TOSHIBA CARRIER CORPORATION

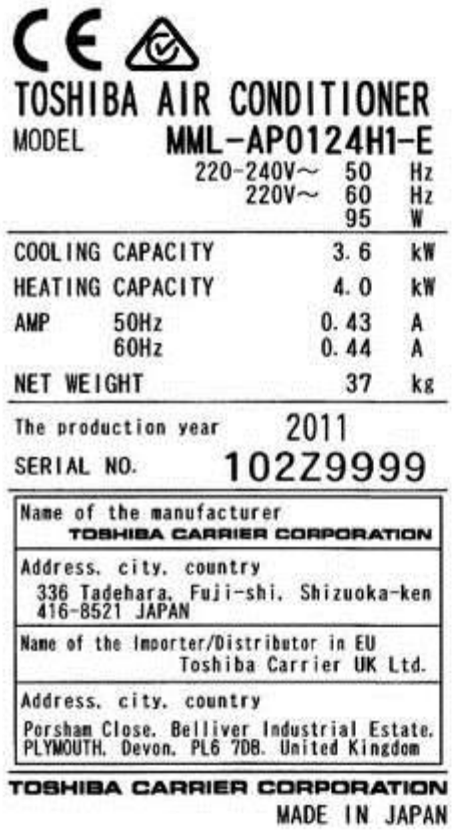
Address, city, country 336 Tadehara, Fuji-shi, Shizuoka-ken 416-8521 JAPAN

Name of the Importer/Distributor in EU Toshiba Carrier UK Ltd.

Address, city, country Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN



TOSHIBA AIR CONDITIONER

MODEL MML-AP0124H1-E

220-240V~ 50 Hz

220V~ 60 Hz

95 W

COOLING CAPACITY	3.6	kW
HEATING CAPACITY	4.0	kW
AMP 50Hz	0.43	A
60Hz	0.44	A
NET WEIGHT	37	kg

The production year 2011

SERIAL NO. 102Z9999

Name of the manufacturer TOSHIBA CARRIER CORPORATION

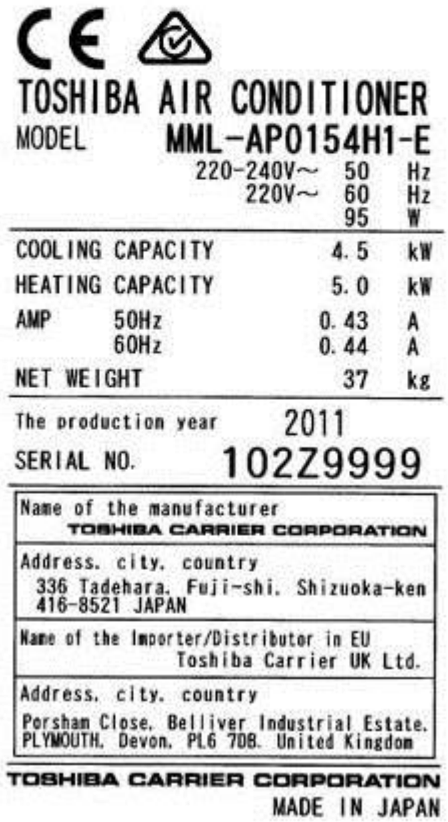
Address, city, country 336 Tadehara, Fuji-shi, Shizuoka-ken 416-8521 JAPAN

Name of the Importer/Distributor in EU Toshiba Carrier UK Ltd.

Address, city, country Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN



TOSHIBA AIR CONDITIONER

MODEL MML-AP0154H1-E

220-240V~ 50 Hz

220V~ 60 Hz

95 W

COOLING CAPACITY	4.5	kW
HEATING CAPACITY	5.0	kW
AMP 50Hz	0.43	A
60Hz	0.44	A
NET WEIGHT	37	kg

The production year 2011

SERIAL NO. 102Z9999

Name of the manufacturer TOSHIBA CARRIER CORPORATION

Address, city, country 336 Tadehara, Fuji-shi, Shizuoka-ken 416-8521 JAPAN

Name of the Importer/Distributor in EU Toshiba Carrier UK Ltd.

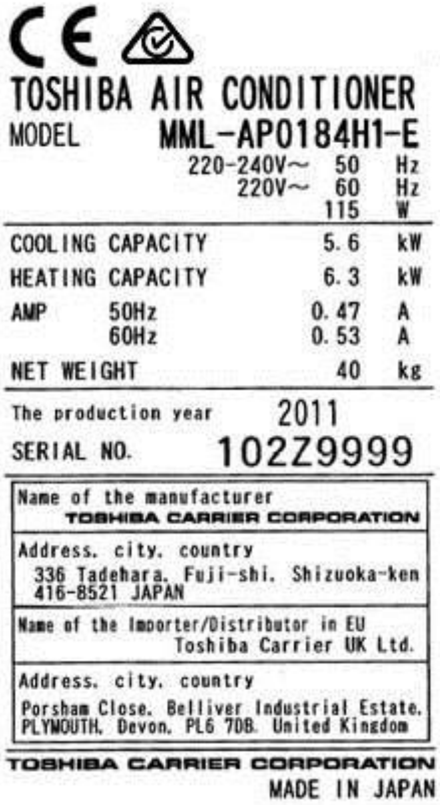
Address, city, country Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

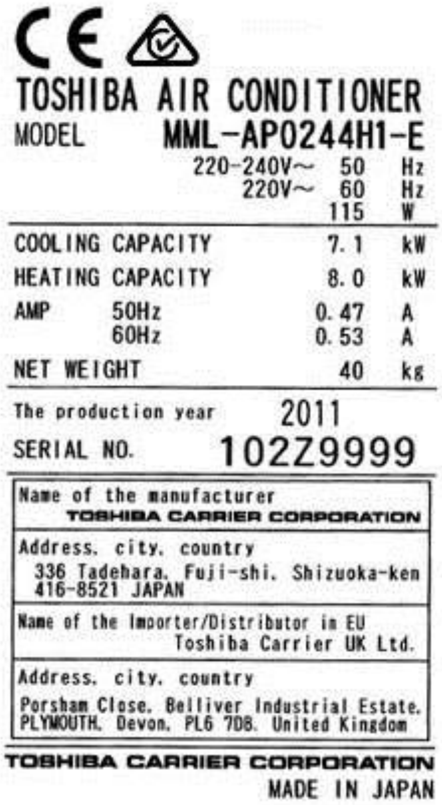
TOSHIBA CARRIER CORPORATION

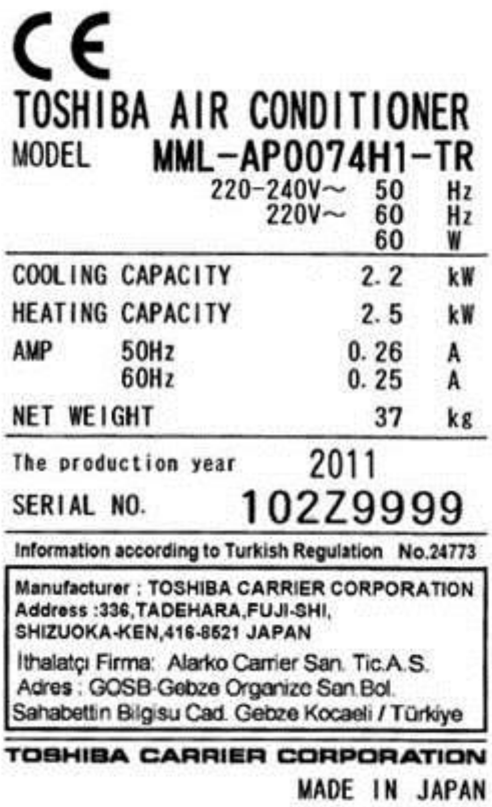
MADE IN JAPAN

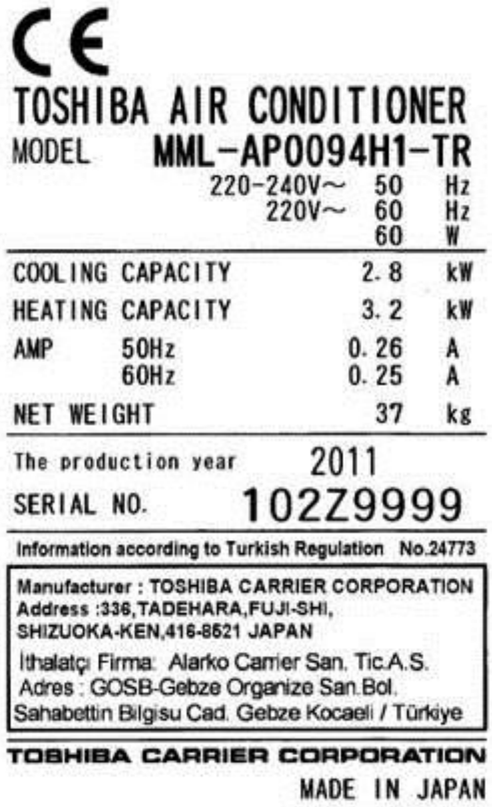
Copy of marking plate: (Continued)

Indoor unit: (Floor Standing Cabinet)









Copy of marking plate: (Continued)

Indoor unit: (Floor Standing Cabinet)

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0124H1-TR

220-240V~	50	Hz
220V~	60	Hz
	95	W
COOLING CAPACITY	3.6	kW
HEATING CAPACITY	4.0	kW
AMP 50Hz	0.43	A
60Hz	0.44	A
NET WEIGHT	37	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0154H1-TR

220-240V~	50	Hz
220V~	60	Hz
	95	W
COOLING CAPACITY	4.5	kW
HEATING CAPACITY	5.0	kW
AMP 50Hz	0.43	A
60Hz	0.44	A
NET WEIGHT	37	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0184H1-TR

220-240V~	50	Hz
220V~	60	Hz
	115	W
COOLING CAPACITY	5.6	kW
HEATING CAPACITY	6.3	kW
AMP 50Hz	0.47	A
60Hz	0.53	A
NET WEIGHT	40	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MML-AP0244H1-TR

220-240V~	50	Hz
220V~	60	Hz
	115	W
COOLING CAPACITY	7.1	kW
HEATING CAPACITY	8.0	kW
AMP 50Hz	0.47	A
60Hz	0.53	A
NET WEIGHT	40	kg

The production year 2011

SERIAL NO. 102Z9999

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN

Copy of marking plate: (Continued)

Indoor unit: (Floor standing)

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0156H-E

	220-240V~	50	Hz
	220V~	60	Hz
		80	W
COOLING CAPACITY		4.5	kW
HEATING CAPACITY		5.0	kW
AMP	50Hz	0.38	A
	60Hz	0.40	A
NET WEIGHT		46	kg

The production year 2014

SERIAL NO. 408Z0001

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0186H-E

	220-240V~	50	Hz
	220V~	60	Hz
		80	W
COOLING CAPACITY		5.6	kW
HEATING CAPACITY		6.3	kW
AMP	50Hz	0.38	A
	60Hz	0.40	A
NET WEIGHT		46	kg

The production year 2014

SERIAL NO. 408Z0002

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0246H-E

	220-240V~	50	Hz
	220V~	60	Hz
		120	W
COOLING CAPACITY		7.1	kW
HEATING CAPACITY		8.0	kW
AMP	50Hz	0.60	A
	60Hz	0.63	A
NET WEIGHT		47	kg

The production year 2014

SERIAL NO. 408Z0003

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0276H-E

	220-240V~	50	Hz
	220V~	60	Hz
		120	W
COOLING CAPACITY		8.0	kW
HEATING CAPACITY		9.0	kW
AMP	50Hz	0.60	A
	60Hz	0.63	A
NET WEIGHT		47	kg

The production year 2014

SERIAL NO. 408Z0004

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

Copy of marking plate: (Continued)

Indoor unit: (Floor standing)

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0366H-E

220-240V~ 50 Hz
220V~ 60 Hz
150 W

COOLING CAPACITY	11.2	kW
HEATING CAPACITY	12.5	kW
AMP 50Hz	0.90	A
60Hz	0.94	A
NET WEIGHT	62	kg

The production year 2014

SERIAL NO. 408Z0005

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0486H-E

220-240V~ 50 Hz
220V~ 60 Hz
180 W

COOLING CAPACITY	14.0	kW
HEATING CAPACITY	16.0	kW
AMP 50Hz	1.10	A
60Hz	1.15	A
NET WEIGHT	62	kg

The production year 2014

SERIAL NO. 408Z0006

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0566H-E

220-240V~ 50 Hz
220V~ 60 Hz
180 W

COOLING CAPACITY	16.0	kW
HEATING CAPACITY	18.0	kW
AMP 50Hz	1.10	A
60Hz	1.15	A
NET WEIGHT	62	kg

The production year 2014

SERIAL NO. 408Z0007

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA KLİMA

MODEL MMF-AP0156H-TR

220-240V~ 50 Hz
220V~ 60 Hz
80 W

SOĞUTMA KAPASİTESİ	4.5	kW
ISITMA KAPASİTESİ	5.0	kW
AMP 50Hz	0.38	A
60Hz	0.40	A
NET AĞIRLIK	46	kg

Üretim yılı 2014

SERİ NUMARASI 408Z0008

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI,
SHIZUOKA-KEN, 416-8521, JAPAN
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI,
TÜRKİYE

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN
ÜRETİM YERİ JAPONYA

Copy of marking plate: (Continued)

Indoor unit: (Floor standing)

Copy of marking plate: (Continued)

Indoor unit: (Floor standing)

CE
TOSHIBA KLİMA
MODEL MMF-AP0486H-TR
220-240V~ 50 Hz
220V~ 60 Hz
180 W

SOĞUTMA KAPASİTESİ		14.0 kW
ISITMA KAPASİTESİ		16.0 kW
AMP	50Hz	1.10 A
	60Hz	1.15 A
NET AĞIRLIK		62 kg

Üretim yılı 2014
SERİ NUMARASI 408Z0013

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI, SHIZUOKA-KEN, 416-8521, JAPAN
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN
ÜRETİM YERİ JAPONYA

CE
TOSHIBA KLİMA
MODEL MMF-AP0566H-TR
220-240V~ 50 Hz
220V~ 60 Hz
180 W

SOĞUTMA KAPASİTESİ		16.0 kW
ISITMA KAPASİTESİ		18.0 kW
AMP	50Hz	1.10 A
	60Hz	1.15 A
NET AĞIRLIK		62 kg

Üretim yılı 2014
SERİ NUMARASI 408Z0014

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI, SHIZUOKA-KEN, 416-8521, JAPAN
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN
ÜRETİM YERİ JAPONYA

CE
TOSHIBA AIR CONDITIONER
MODEL MMF-AP0156H1-E
220-240V~ 50 Hz
220V~ 60 Hz
80 W

COOLING CAPACITY		4.5	kW
HEATING CAPACITY		5.0	kW
AMP	50Hz	0.38	A
	60Hz	0.40	A
NET WEIGHT		46	kg

The production year 2014
SERIAL NO. 408Z0001

Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken 416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE
TOSHIBA AIR CONDITIONER
MODEL MMF-AP0186H1-E
220-240V~ 50 Hz
220V~ 60 Hz
80 W

COOLING CAPACITY		5.6	kW
HEATING CAPACITY		6.3	kW
AMP	50Hz	0.38	A
	60Hz	0.40	A
NET WEIGHT		46	kg

The production year 2014
SERIAL NO. 408Z0002

Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken 416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

Copy of marking plate: (Continued)

Indoor unit: (Floor standing)

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0246H1-E

220-240V~ 50 Hz
220V~ 60 Hz
120 W

COOLING CAPACITY	7.1	kW
HEATING CAPACITY	8.0	kW
AMP 50Hz	0.60	A
60Hz	0.63	A
NET WEIGHT	47	kg

The production year 2014

SERIAL NO. 408Z0003

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0276H1-E

220-240V~ 50 Hz
220V~ 60 Hz
120 W

COOLING CAPACITY	8.0	kW
HEATING CAPACITY	9.0	kW
AMP 50Hz	0.60	A
60Hz	0.63	A
NET WEIGHT	47	kg

The production year 2014

SERIAL NO. 408Z0004

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0366H1-E

220-240V~ 50 Hz
220V~ 60 Hz
150 W

COOLING CAPACITY	11.2	kW
HEATING CAPACITY	12.5	kW
AMP 50Hz	0.90	A
60Hz	0.94	A
NET WEIGHT	62	kg

The production year 2014

SERIAL NO. 408Z0005

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0486H1-E

220-240V~ 50 Hz
220V~ 60 Hz
180 W

COOLING CAPACITY	14.0	kW
HEATING CAPACITY	16.0	kW
AMP 50Hz	1.10	A
60Hz	1.15	A
NET WEIGHT	62	kg

The production year 2014

SERIAL NO. 408Z0006

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

Copy of marking plate: (Continued)

Indoor unit: (Floor standing)

TOSHIBA AIR CONDITIONER

MODEL MMF-AP0566H1-E

220-240V~ 50 Hz
220V~ 60 Hz
180 W

COOLING CAPACITY	16.0	kW
HEATING CAPACITY	18.0	kW
AMP 50Hz	1.10	A
60Hz	1.15	A
NET WEIGHT	62	kg

The production year 2014

SERIAL NO. 408Z0007

Name of the manufacturer
TOSHIBA CARRIER CORPORATION

Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN

Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.

Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB. United Kingdom

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

TOSHIBA KLİMA

MODEL MMF-AP0156H1-TR

220-240V~ 50 Hz
220V~ 60 Hz
80 W

SOĞUTMA KAPASİTESİ	4.5	kW
ISITMA KAPASİTESİ	5.0	kW
AMP 50Hz	0.38	A
60Hz	0.40	A
NET AĞIRLIK	46	kg

Üretim yılı 2014

SERİ NUMARASI 408Z0008

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI,
SHIZUOKA-KEN, 416-8521, JAPAN

İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI,
TÜRKİYE

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN
ÜRETİM YERİ JAPONYA

TOSHIBA KLİMA

MODEL MMF-AP0186H1-TR

220-240V~ 50 Hz
220V~ 60 Hz
80 W

SOĞUTMA KAPASİTESİ	5.6	kW
ISITMA KAPASİTESİ	6.3	kW
AMP 50Hz	0.38	A
60Hz	0.40	A
NET AĞIRLIK	46	kg

Üretim yılı 2014

SERİ NUMARASI 408Z0009

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI,
SHIZUOKA-KEN, 416-8521, JAPAN

İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI,
TÜRKİYE

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN
ÜRETİM YERİ JAPONYA

TOSHIBA KLİMA

MODEL MMF-AP0246H1-TR

220-240V~ 50 Hz
220V~ 60 Hz
120 W

SOĞUTMA KAPASİTESİ	7.1	kW
ISITMA KAPASİTESİ	8.0	kW
AMP 50Hz	0.60	A
60Hz	0.63	A
NET AĞIRLIK	47	kg

Üretim yılı 2014

SERİ NUMARASI 408Z0010

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI,
SHIZUOKA-KEN, 416-8521, JAPAN

İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI,
TÜRKİYE

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN
ÜRETİM YERİ JAPONYA

Copy of marking plate: (Continued)

Indoor unit: (Floor standing)

CE

TOSHIBA KLİMA

MODEL MMF-AP0276H1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
120 W

SOĞUTMA KAPASİTESİ		8.0 kW
ISITMA KAPASİTESİ		9.0 kW
AMP	50Hz	0.60 A
	60Hz	0.63 A
NET AĞIRLIK		47 kg

Üretim yılı 2014

SERİ NUMARASI 408Z0011

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI,
SHIZUOKA-KEN, 416-8521, JAPAN
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI,
TÜRKİYE

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN
ÜRETİM YERİ JAPONYA

CE

TOSHIBA KLİMA

MODEL MMF-AP0366H1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
150 W

SOĞUTMA KAPASİTESİ		11.2 kW
ISITMA KAPASİTESİ		12.5 kW
AMP	50Hz	0.90 A
	60Hz	0.94 A
NET AĞIRLIK		62 kg

Üretim yılı 2014

SERİ NUMARASI 408Z0012

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI,
SHIZUOKA-KEN, 416-8521, JAPAN
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI,
TÜRKİYE

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN
ÜRETİM YERİ JAPONYA

CE

TOSHIBA KLİMA

MODEL MMF-AP0486H1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
180 W

SOĞUTMA KAPASİTESİ		14.0 kW
ISITMA KAPASİTESİ		16.0 kW
AMP	50Hz	1.10 A
	60Hz	1.15 A
NET AĞIRLIK		62 kg

Üretim yılı 2014

SERİ NUMARASI 408Z0013

24773 sayılı yönetmelik uyarınca bilgi

İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI,
SHIZUOKA-KEN, 416-8521, JAPAN
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI,
TÜRKİYE

TOSHIBA CARRIER CORPORATION

MADE IN JAPAN
ÜRETİM YERİ JAPONYA

CE

TOSHIBA KLİMA

MODEL MMF-AP0566H1-TR

220-240V ~ 50 Hz
220V ~ 60 Hz
180 W

SOĞUTMA KAPASİTESİ		16.0 kW
ISITMA KAPASİTESİ		18.0 kW
AMP	50Hz	1.10 A
	60Hz	1.15 A
NET AĞIRLIK		62 kg

Üretim yılı 2014

SERİ NUMARASI 408Z0014

24773 sayılı yönetmelik uyarınca bilgi

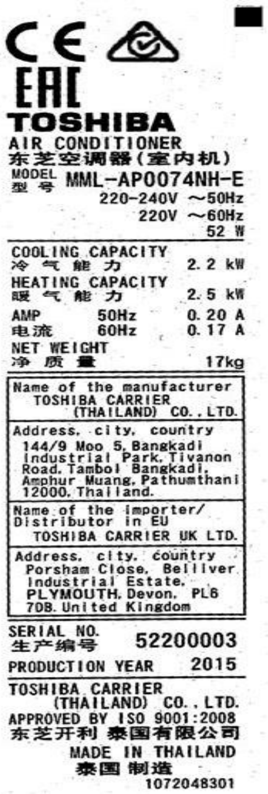
İmalatçı : TOSHIBA CARRIER CORPORATION
Adres : 336, TADEHARA, FUJI-SHI,
SHIZUOKA-KEN, 416-8521, JAPAN
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI
SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI,
TÜRKİYE

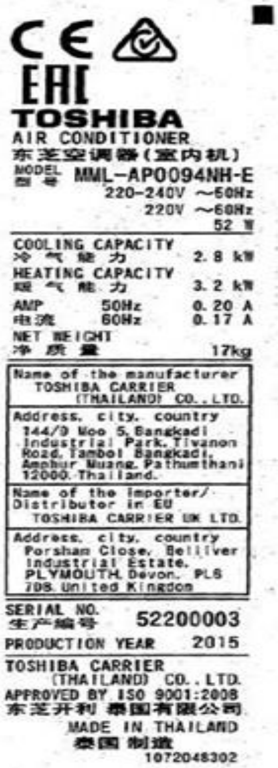
TOSHIBA CARRIER CORPORATION

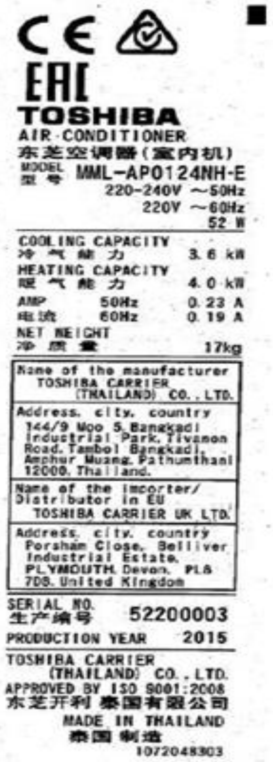
MADE IN JAPAN
ÜRETİM YERİ JAPONYA

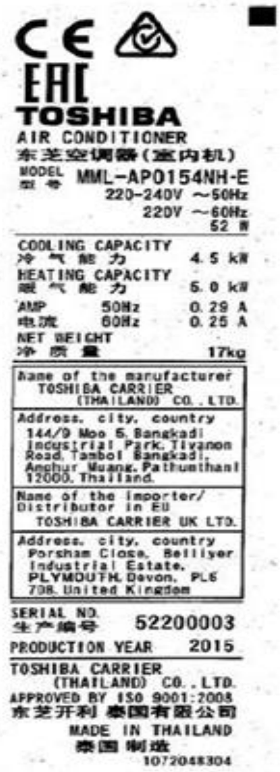
Copy of marking plate: (Continued)

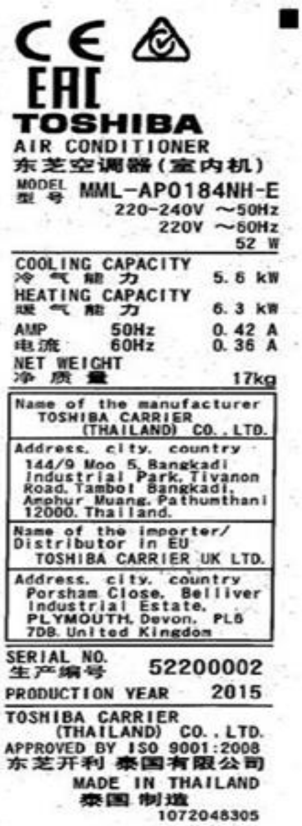
Indoor unit: (Console)

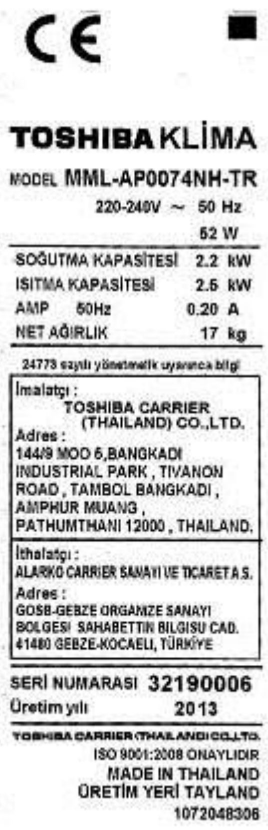

TOSHIBA
AIR CONDITIONER
东芝空调器(室内机)
MODEL 型号 MML-AP0074NH-E
220-240V ~50Hz
220V ~60Hz
52 W
COOLING CAPACITY 冷气能力 2.2 kW
HEATING CAPACITY 暖气能力 2.5 kW
AMP 电流 50Hz 0.20 A 60Hz 0.17 A
NET WEIGHT 净质量 17kg
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO., LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/ Distributor in EU
TOSHIBA CARRIER UK LTD.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
SERIAL NO. 生产编号 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO., LTD.
APPROVED BY ISO 9001:2008
东芝开利泰国有限公司
MADE IN THAILAND
泰国制造
1072048301


TOSHIBA
AIR CONDITIONER
东芝空调器(室内机)
MODEL 型号 MML-AP0094NH-E
220-240V ~50Hz
220V ~60Hz
52 W
COOLING CAPACITY 冷气能力 2.8 kW
HEATING CAPACITY 暖气能力 3.2 kW
AMP 电流 50Hz 0.20 A 60Hz 0.17 A
NET WEIGHT 净质量 17kg
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO., LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/ Distributor in EU
TOSHIBA CARRIER UK LTD.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
SERIAL NO. 生产编号 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO., LTD.
APPROVED BY ISO 9001:2008
东芝开利泰国有限公司
MADE IN THAILAND
泰国制造
1072048302


TOSHIBA
AIR CONDITIONER
东芝空调器(室内机)
MODEL 型号 MML-AP0124NH-E
220-240V ~50Hz
220V ~60Hz
52 W
COOLING CAPACITY 冷气能力 3.6 kW
HEATING CAPACITY 暖气能力 4.0 kW
AMP 电流 50Hz 0.23 A 60Hz 0.19 A
NET WEIGHT 净质量 17kg
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO., LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/ Distributor in EU
TOSHIBA CARRIER UK LTD.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
SERIAL NO. 生产编号 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO., LTD.
APPROVED BY ISO 9001:2008
东芝开利泰国有限公司
MADE IN THAILAND
泰国制造
1072048303


TOSHIBA
AIR CONDITIONER
东芝空调器(室内机)
MODEL 型号 MML-AP0154NH-E
220-240V ~50Hz
220V ~60Hz
52 W
COOLING CAPACITY 冷气能力 4.5 kW
HEATING CAPACITY 暖气能力 5.0 kW
AMP 电流 50Hz 0.29 A 60Hz 0.25 A
NET WEIGHT 净质量 17kg
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO., LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/ Distributor in EU
TOSHIBA CARRIER UK LTD.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
SERIAL NO. 生产编号 52200003
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO., LTD.
APPROVED BY ISO 9001:2008
东芝开利泰国有限公司
MADE IN THAILAND
泰国制造
1072048304


TOSHIBA
AIR CONDITIONER
东芝空调器(室内机)
MODEL 型号 MML-AP0184NH-E
220-240V ~50Hz
220V ~60Hz
52 W
COOLING CAPACITY 冷气能力 5.6 kW
HEATING CAPACITY 暖气能力 6.3 kW
AMP 电流 50Hz 0.42 A 60Hz 0.36 A
NET WEIGHT 净质量 17kg
Name of the manufacturer
TOSHIBA CARRIER (THAILAND) CO., LTD.
Address, city, country
144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the importer/ Distributor in EU
TOSHIBA CARRIER UK LTD.
Address, city, country
Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom
SERIAL NO. 生产编号 52200002
PRODUCTION YEAR 2015
TOSHIBA CARRIER (THAILAND) CO., LTD.
APPROVED BY ISO 9001:2008
东芝开利泰国有限公司
MADE IN THAILAND
泰国制造
1072048305

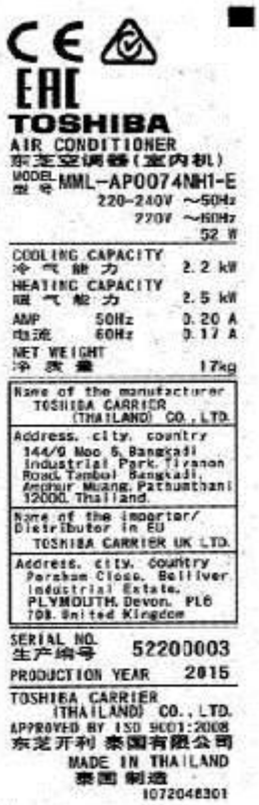

TOSHIBA KLİMA
MODEL MML-AP0074NH-TR
220-240V ~ 50 Hz
52 W
SOĞUTMA KAPASİTESİ 2.2 kW
ISITMA KAPASİTESİ 2.5 kW
AMP 50Hz 0.20 A
NET AĞIRLIK 17 kg
24773 sayılı yönetmelik uyarınca bilgi
İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK , TIVANON ROAD , TAMBOL BANGKADI , AMPHUR MUANG , PATHUMTHANI 12000 , THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE
SERİ NUMARASI 32190006
Üretim yılı 2013
TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048306

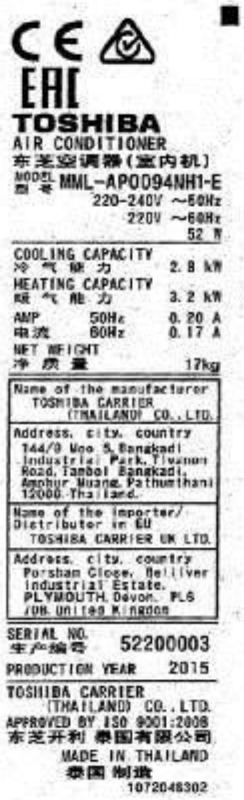

TOSHIBA KLİMA
MODEL MML-AP0094NH-TR
220-240V ~ 50 Hz
52 W
SOĞUTMA KAPASİTESİ 2.8 kW
ISITMA KAPASİTESİ 3.2 kW
AMP 50Hz 0.20 A
NET AĞIRLIK 17 kg
24773 sayılı yönetmelik uyarınca bilgi
İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK , TIVANON ROAD , TAMBOL BANGKADI , AMPHUR MUANG , PATHUMTHANI 12000 , THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE
SERİ NUMARASI 32190005
Üretim yılı 2013
TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048307

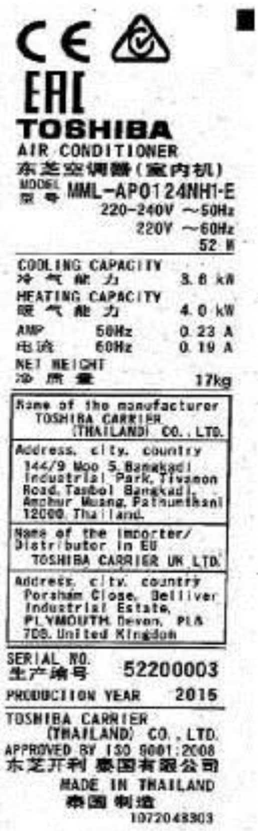

TOSHIBA KLİMA
MODEL MML-AP0124NH-TR
220-240V ~ 50 Hz
52 W
SOĞUTMA KAPASİTESİ 3.6 kW
ISITMA KAPASİTESİ 4.0 kW
AMP 50Hz 0.23 A
NET AĞIRLIK 17 kg
24773 sayılı yönetmelik uyarınca bilgi
İmalatçı :
TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres :
144/9 MOO 5,BANGKADI INDUSTRIAL PARK , TIVANON ROAD , TAMBOL BANGKADI , AMPHUR MUANG , PATHUMTHANI 12000 , THAILAND.
İthalatçı :
ALARKO CARRIER SANAYI VE TICARET A.S.
Adres :
GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE
SERİ NUMARASI 32190006
Üretim yılı 2013
TOSHIBA CARRIER (THAILAND) CO.,LTD.
ISO 9001:2008 ONAYLIDIR
MADE IN THAILAND
ÜRETİM YERİ TAYLAND
1072048308

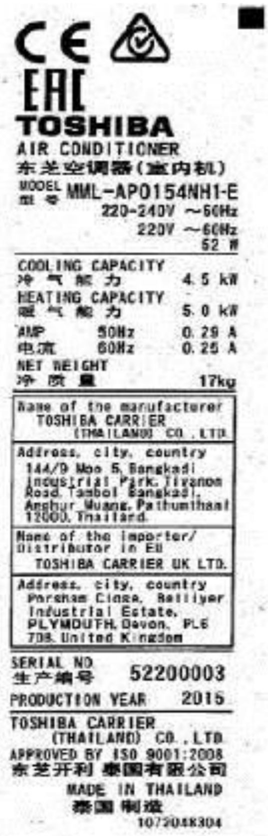
Copy of marking plate: (Continued)

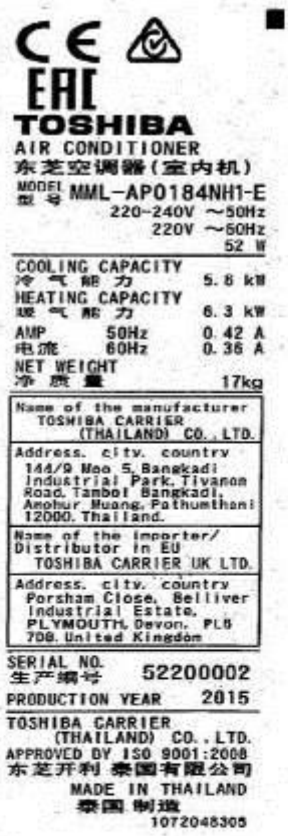
Indoor unit: (Console)

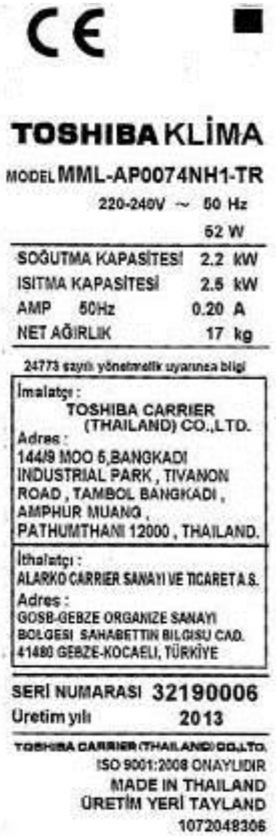












Copy of marking plate: (Continued)

Indoor unit: (Console)

Copy of marking plate: (Continued)

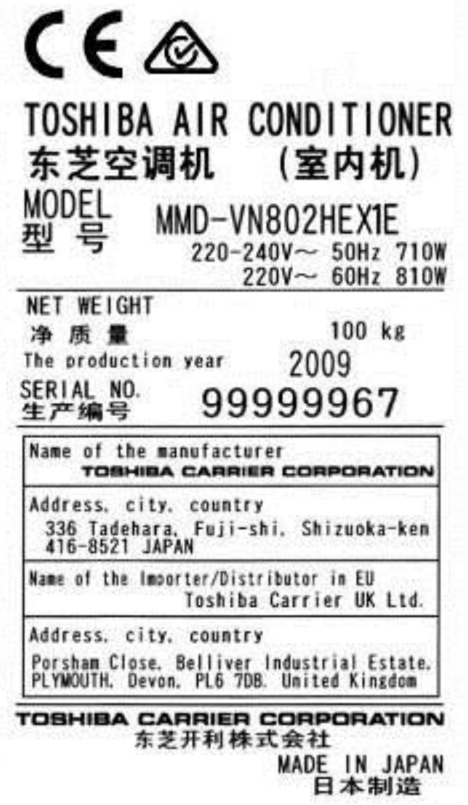
Indoor unit: (Air to Air Heat exchanger with DX-coil)

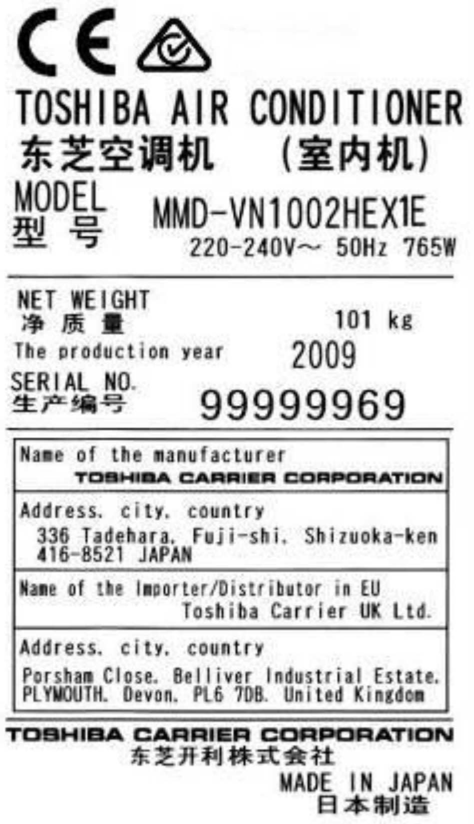
Copy of marking plate: (Continued)

Indoor unit: (Air to Air Heat exchanger with DX-coil)

Copy of marking plate: (Continued)

Indoor unit: (Air to Air Heat exchanger with DX-coil)





Copy of marking plate: (Continued)

Indoor unit: (Air to Air Heat exchanger with DX-coil)

CE

TOSHIBA AIR CONDITIONER
MODEL MMD-VN502HEX1E-TR
220-240V~ 50 Hz
430 W

NET WEIGHT 84 kg
The production year 2009
SERIAL NO. 99999968

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER
MODEL MMD-VN802HEX1E-TR
220-240V~ 50 Hz
710 W

NET WEIGHT 100 kg
The production year 2009
SERIAL NO. 99999968

Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

CE

TOSHIBA AIR CONDITIONER
MODEL MMD-VN1002HEX1E-TR
220-240V~ 50 Hz
765 W

NET WEIGHT 101 kg
The production year 2009
SERIAL NO. 99999971

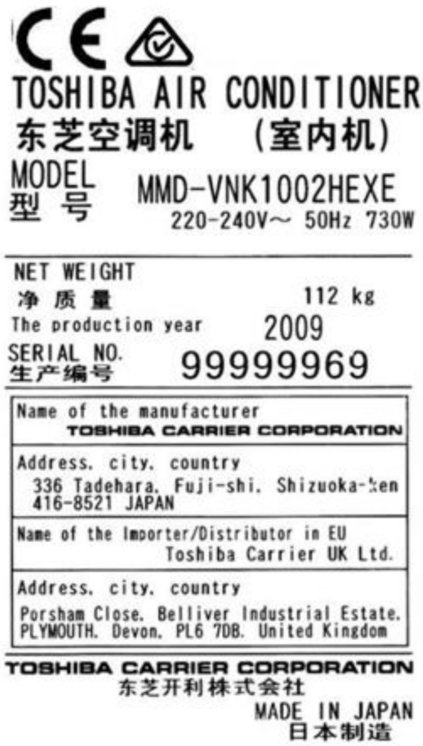
Information according to Turkish Regulation No.24773

Manufacturer : TOSHIBA CARRIER CORPORATION
Address :336,TADEHARA,FUJI-SHI,
SHIZUOKA-KEN,416-8521 JAPAN
İthalatçı Firma: Alarko Carrier San. Tic.A.S.
Adres : GOSB-Gebze Organize San.Bol.
Sahabettin Bilgisu Cad. Gebze Kocaeli / Türkiye

TOSHIBA CARRIER CORPORATION
MADE IN JAPAN

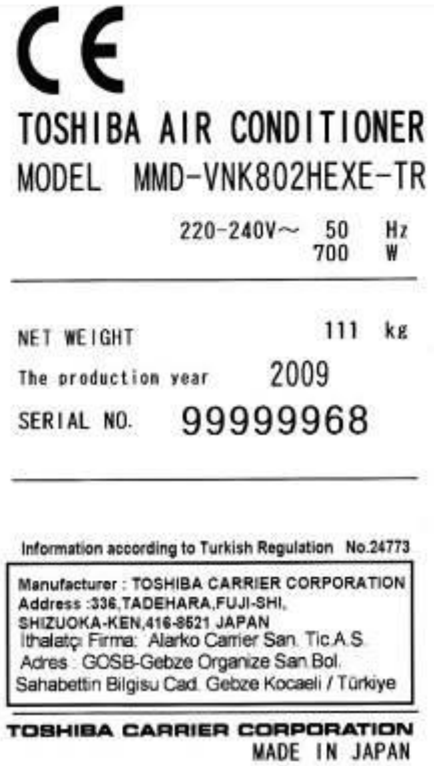
Copy of marking plate: (Continued)

Indoor unit: (Air to Air Heat exchanger with DX-coil Humidifier)



Copy of marking plate: (Continued)

Indoor unit: (Air to Air Heat exchanger with DX-coil Humidifier)



Copy of marking plate: (Continued)

Indoor unit: (Air to Air Heat exchanger with DX-coil Humidifier)

TOSHIBA AIR CONDITIONER
东芝空调机 （室内机）
MODEL
型 号 MMD-VNK502HEX1E
220-240V~ 50Hz 420W
220V~ 60Hz 500W
NET WEIGHT
净 质 量 91 kg
The production year 2009
SERIAL NO.
生产编号 99999967
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER CORPORATION
东芝开利株式会社
MADE IN JAPAN
日本制造

TOSHIBA AIR CONDITIONER
东芝空调机 （室内机）
MODEL
型 号 MMD-VNK802HEX1E
220-240V~ 50Hz 700W
220V~ 60Hz 800W
NET WEIGHT
净 质 量 111 kg
The production year 2009
SERIAL NO.
生产编号 99999967
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER CORPORATION
东芝开利株式会社
MADE IN JAPAN
日本制造

TOSHIBA AIR CONDITIONER
东芝空调机 （室内机）
MODEL
型 号 MMD-VNK1002HEX1E
220-240V~ 50Hz 730W
NET WEIGHT
净 质 量 112 kg
The production year 2009
SERIAL NO.
生产编号 99999969
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER CORPORATION
东芝开利株式会社
MADE IN JAPAN
日本制造

TOSHIBA AIR CONDITIONER
东芝空调机 （室内机）
MODEL
型 号 MMD-VNK1002HEX1E2
220V~ 60Hz 940W
NET WEIGHT
净 质 量 114 kg
The production year 2009
SERIAL NO.
生产编号 99999967
Name of the manufacturer
TOSHIBA CARRIER CORPORATION
Address, city, country
336 Tadehara, Fuji-shi, Shizuoka-ken
416-8521 JAPAN
Name of the Importer/Distributor in EU
Toshiba Carrier UK Ltd.
Address, city, country
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon, PL6 7DB, United Kingdom
TOSHIBA CARRIER CORPORATION
东芝开利株式会社
MADE IN JAPAN
日本制造

Copy of marking plate: (Continued)

Indoor unit: (Air to Air Heat exchanger with DX-coil Humidifier)

Copy of marking plate: (Continued)

Outdoor unit: (Heat Recovery)

Copy of marking plate: (Continued)

Outdoor unit: (Heat Recovery)

CE 0035 EAC

TOSHIBA AIR CONDITIONER

MODEL MMY-MAP1606FT8P-E

380-415V 3N~
50 Hz
26.5 kW
40.6 A
HFC-410A(R410A) 11.0 kg
PS:H3.73/L2.21 MPa
(H37.3/L22.1 bar)
IPX4

COOLING CAPACITY	45.0	kW
AMP	21.8	A
WATT	13.9	kW
HEATING CAPACITY	45.0	kW
AMP	19.1	A
WATT	12.2	kW
NET WEIGHT	377	kg
The production year	2016	
SERIAL No.	62100005	

Name of the manufacturer Address, city, country	TOSHIBA CARRIER (THAILAND) CO., LTD. 144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/ Distributor in EU Address, city, country	Toshiba Carrier UK Ltd. Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

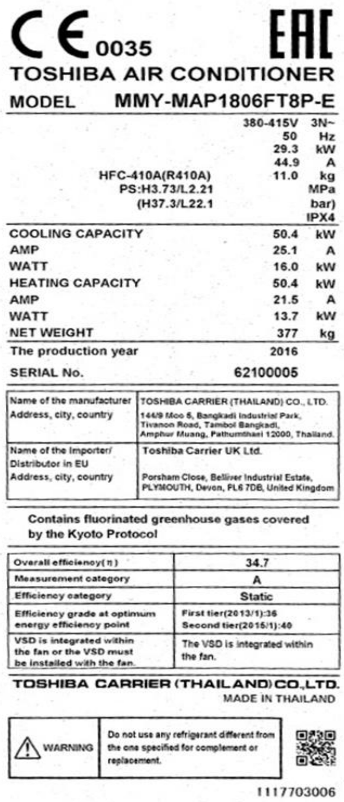
Contains fluorinated greenhouse gases covered by the Kyoto Protocol

Overall efficiency(η)	34.7
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier(2013/1):36 Second tier(2015/1):40
VSD is integrated within the fan or the VSD must be installed with the fan.	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND

WARNING Do not use any refrigerant different from the one specified for complement or replacement.

1117703005



CE 0035 EAC

TOSHIBA AIR CONDITIONER

MODEL MMY-MAP1806FT8P-E

380-415V 3N~
50 Hz
29.3 kW
44.9 A
HFC-410A(R410A) 11.0 kg
PS:H3.73/L2.21 MPa
(H37.3/L22.1 bar)
IPX4

COOLING CAPACITY	50.4	kW
AMP	25.1	A
WATT	16.0	kW
HEATING CAPACITY	50.4	kW
AMP	21.5	A
WATT	13.7	kW
NET WEIGHT	377	kg
The production year	2016	
SERIAL No.	62100005	

Name of the manufacturer Address, city, country	TOSHIBA CARRIER (THAILAND) CO., LTD. 144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand.
Name of the Importer/ Distributor in EU Address, city, country	Toshiba Carrier UK Ltd. Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB, United Kingdom

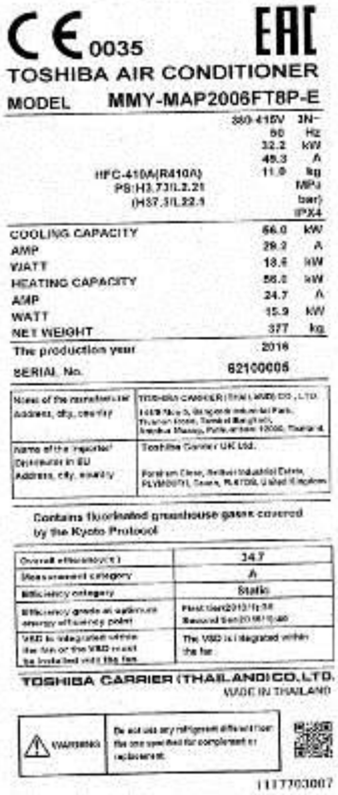
Contains fluorinated greenhouse gases covered by the Kyoto Protocol

Overall efficiency(η)	34.7
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier(2013/1):36 Second tier(2015/1):40
VSD is integrated within the fan or the VSD must be installed with the fan.	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND

WARNING Do not use any refrigerant different from the one specified for complement or replacement.

1117703006



CE 0035 EAC

TOSHIBA AIR CONDITIONER

MODEL MMY-MAP2006FT8P-E

380-415V 3N~
50 Hz
32.2 kW
49.3 A
HFC-410A(R410A) 11.0 kg
PS:H3.73/L2.21 MPa
(H37.3/L22.1 bar)
IPX4

COOLING CAPACITY	56.0	kW
AMP	29.2	A
WATT	18.6	kW
HEATING CAPACITY	56.0	kW
AMP	24.7	A
WATT	15.9	kW
NET WEIGHT	377	kg
The production year	2016	
SERIAL No.	62100005	

Name of the manufacturer Address, city, country	TOSHIBA CARRIER (THAILAND) CO., LTD. [illegible]
Name of the Importer/ Distributor in EU Address, city, country	Toshiba Carrier UK Ltd. [illegible]

Contains fluorinated greenhouse gases covered by the Kyoto Protocol

Overall efficiency(η)	34.7
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier(2013/1):36 Second tier(2015/1):40
VSD is integrated within the fan or the VSD must be installed with the fan.	The VSD is integrated within the fan.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND

WARNING Do not use any refrigerant different from the one specified for complement or replacement.

1117703007

CE 0035 EAC

TOSHIBA AIR CONDITIONER

MODEL MMY-MAP0806FT8JP-E

380-415V 3N~
50 Hz
12.9 kW
21.5 A
HFC-410A(R410A) 11.0 kg
PS:H3.73/L2.21 MPa
(H37.3/L22.1 bar)
IPX4

COOLING CAPACITY	22.4	kW
AMP	9.44	A
WATT	6.35	kW
HEATING CAPACITY	22.4	kW
AMP	8.57	A
WATT	5.40	kW
NET WEIGHT	265	kg
The production year	2016	
SERIAL No.	62100005	

Name of the manufacturer Address, city, country	TOSHIBA CARRIER (THAILAND) CO., LTD. [illegible]
Name of the Importer/ Distributor in EU Address, city, country	Toshiba Carrier UK Ltd. [illegible]

Contains fluorinated greenhouse gases covered by the Kyoto Protocol

Overall efficiency(η)	40.3
Measurement category	A
Efficiency category	Static
Efficiency grade at optimum energy efficiency point	First tier(2013/1):36 Second tier(2016/1):40
VSD is integrated within the fan or the VSD must be installed with the fan.	The VSD is integrated within the fan.

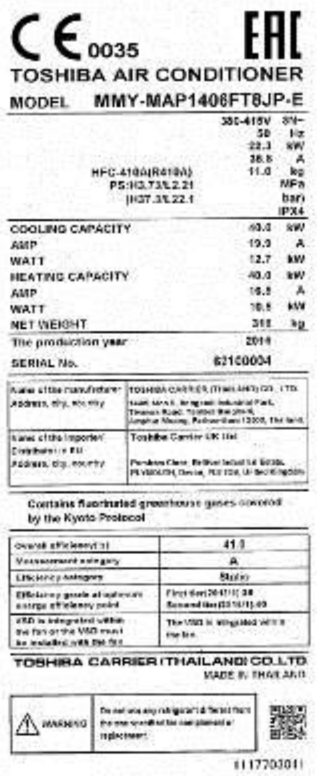
TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND

WARNING Do not use any refrigerant different from the one specified for complement or replacement.

1117703008

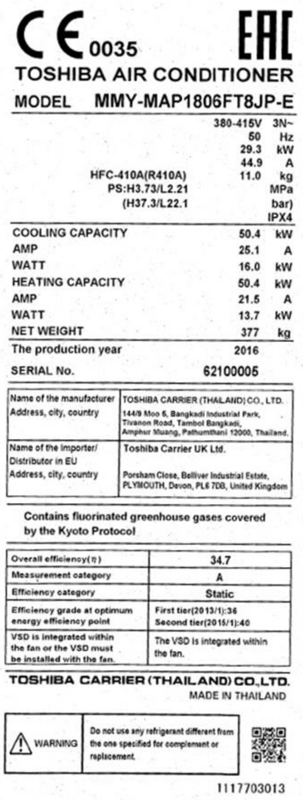
Copy of marking plate: (Continued)

Outdoor unit: (Heat Recovery)



Copy of marking plate: (Continued)

Outdoor unit: (Heat Recovery)



Copy of marking plate: (Continued)

Outdoor unit: (Heat Recovery)

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1206FT8P-TR

	380V	3N~
	50	Hz
	17.5	kW
	31.0	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	33.5	kW
AMP	16.3	A
WATT	9.75	kW
ISITMA KAPASİTESİ	33.5	kW
AMP	14.5	A
WATT	8.70	kW
NET AĞIRLIK	316	kg
Üretim yılı	2016	
SERİ NUMARASI	62100005	

İmalatçı : TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres : 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI | Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703103

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1406FT8P-TR

	380V	3N~
	50	Hz
	20.4	kW
	35.8	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	40.0	kW
AMP	21.0	A
WATT	12.7	kW
ISITMA KAPASİTESİ	40.0	kW
AMP	17.3	A
WATT	10.5	kW
NET AĞIRLIK	316	kg
Üretim yılı	2016	
SERİ NUMARASI	62100005	

İmalatçı : TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres : 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI | Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703104

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1606FT8P-TR

	380V	3N~
	50	Hz
	24.2	kW
	40.6	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	45.0	kW
AMP	23.0	A
WATT	13.9	kW
ISITMA KAPASİTESİ	45.0	kW
AMP	20.1	A
WATT	12.2	kW
NET AĞIRLIK	377	kg
Üretim yılı	2016	
SERİ NUMARASI	62100005	

İmalatçı : TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres : 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI | Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703105

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1806FT8P-TR

	380V	3N~
	50	Hz
	26.9	kW
	44.9	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	50.4	kW
AMP	26.4	A
WATT	16.0	kW
ISITMA KAPASİTESİ	50.4	kW
AMP	22.6	A
WATT	13.7	kW
NET AĞIRLIK	377	kg
Üretim yılı	2016	
SERİ NUMARASI	62100003	

İmalatçı : TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres : 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı : ALARKO CARRIER SANAYI VE TICARET A.S.
Adres : GOSB-GEBZE ORGANIZE SANAYI BOLGESI SAHABETTIN BILGISU CAD. 41480 GEBZE-KOCAELI, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI | Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703106

Copy of marking plate: (Continued)

Outdoor unit: (Heat Recovery)

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP2006FT8P-TR

	380V	3N~
	50	Hz
	29.5	kW
	49.3	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	56.0	kW
AMP	30.7	A
WATT	18.6	kW
ISITMA KAPASİTESİ	56.0	kW
AMP	26.0	A
WATT	15.9	kW
NET AĞIRLIK	377	kg
Üretim yılı	2016	
SERİ NUMARASI	52800006	

İmalatçı : TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres : 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı : ALARKO CARRIER SANAYİ VE TİCARET A.Ş.
Adres : GOSB-GEBZE ORGANİZE SANAYİ BÖLGESİ ŞAHABETTİN BİLGİSU CAD. 41480 GEBZE-KOCAELİ, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703107

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP0806FT8JPTR

	380V	3N~
	50	Hz
	11.8	kW
	21.5	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	22.4	kW
AMP	9.93	A
WATT	5.95	kW
ISITMA KAPASİTESİ	22.4	kW
AMP	9.02	A
WATT	5.40	kW
NET AĞIRLIK	263	kg
Üretim yılı	2016	
SERİ NUMARASI	62100005	

İmalatçı : TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres : 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı : ALARKO CARRIER SANAYİ VE TİCARET A.Ş.
Adres : GOSB-GEBZE ORGANİZE SANAYİ BÖLGESİ ŞAHABETTİN BİLGİSU CAD. 41480 GEBZE-KOCAELİ, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703108

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1006FT8JPTR

	380V	3N~
	50	Hz
	14.4	kW
	26.1	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	28.0	kW
AMP	13.1	A
WATT	7.96	kW
ISITMA KAPASİTESİ	28.0	kW
AMP	11.6	A
WATT	7.05	kW
NET AĞIRLIK	263	kg
Üretim yılı	2016	
SERİ NUMARASI	62100006	

İmalatçı : TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres : 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı : ALARKO CARRIER SANAYİ VE TİCARET A.Ş.
Adres : GOSB-GEBZE ORGANİZE SANAYİ BÖLGESİ ŞAHABETTİN BİLGİSU CAD. 41480 GEBZE-KOCAELİ, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703109

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1206FT8JPTR

	380V	3N~
	50	Hz
	17.5	kW
	31.0	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	33.5	kW
AMP	16.3	A
WATT	9.75	kW
ISITMA KAPASİTESİ	33.5	kW
AMP	14.5	A
WATT	8.70	kW
NET AĞIRLIK	316	kg
Üretim yılı	2016	
SERİ NUMARASI	62100005	

İmalatçı : TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres : 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı : ALARKO CARRIER SANAYİ VE TİCARET A.Ş.
Adres : GOSB-GEBZE ORGANİZE SANAYİ BÖLGESİ ŞAHABETTİN BİLGİSU CAD. 41480 GEBZE-KOCAELİ, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703110

Copy of marking plate: (Continued)

Outdoor unit: (Heat Recovery)

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1406FT8JPTR

	380V	3N~
	50	Hz
	20.4	kW
	35.8	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	40.0	kW
AMP	21.0	A
WATT	12.7	kW
ISITMA KAPASİTESİ	40.0	kW
AMP	17.2	A
WATT	10.5	kW
NET AĞIRLIK	316	kg
Üretim yılı	2016	
SERİ NUMARASI	62100005	

İmalatçı: TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres: 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı: ALARKO CARRIER SANAYİ VE TİCARET A.Ş.
Adres: GOSB-GEBZE ORGANİZE SANAYİ BÖLGESİ ŞAHABETTİN BİLGİSU CAD. 41480 GEBZE-KOCAELİ, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI | Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703111

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1606FT8JPTR

	380V	3N~
	50	Hz
	24.2	kW
	40.6	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	45.0	kW
AMP	23.0	A
WATT	13.9	kW
ISITMA KAPASİTESİ	45.0	kW
AMP	20.1	A
WATT	12.2	kW
NET AĞIRLIK	377	kg
Üretim yılı	2016	
SERİ NUMARASI	62100005	

İmalatçı: TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres: 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND
İthalatçı: ALARKO CARRIER SANAYİ VE TİCARET A.Ş.
Adres: GOSB-GEBZE ORGANİZE SANAYİ BÖLGESİ ŞAHABETTİN BİLGİSU CAD. 41480 GEBZE-KOCAELİ, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI | Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703112

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP1806FT8JPTR

	380V	3N~
	50	Hz
	26.9	kW
	44.9	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	50.4	kW
AMP	25.4	A
WATT	16.0	kW
ISITMA KAPASİTESİ	50.4	kW
AMP	22.6	A
WATT	13.7	kW
NET AĞIRLIK	377	kg
Üretim yılı	2016	
SERİ NUMARASI	62100004	

İmalatçı: TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres: 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.
İthalatçı: ALARKO CARRIER SANAYİ VE TİCARET A.Ş.
Adres: GOSB-GEBZE ORGANİZE SANAYİ BÖLGESİ ŞAHABETTİN BİLGİSU CAD. 41480 GEBZE-KOCAELİ, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

UYARI | Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703113

CE 0035

TOSHIBA KLİMA

MODEL MMY-MAP2006FT8JPTR

	380V	3N~
	50	Hz
	29.5	kW
	49.3	A
HFC-410A(R410A)	11.0	kg
PS:H3.73/L2.21		MPa
(H37.3/L22.1		bar)
		IPX4
SOĞUTMA KAPASİTESİ	56.0	kW
AMP	30.7	A
WATT	18.6	kW
ISITMA KAPASİTESİ	56.0	kW
AMP	26.0	A
WATT	15.9	kW
NET AĞIRLIK	377	kg
Üretim yılı	2016	
SERİ NUMARASI	62100003	

İmalatçı: TOSHIBA CARRIER (THAILAND) CO.,LTD.
Adres: 144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANG, PATHUMTHANI 12000, THAILAND
İthalatçı: ALARKO CARRIER SANAYİ VE TİCARET A.Ş.
Adres: GOSB-GEBZE ORGANİZE SANAYİ BÖLGESİ ŞAHABETTİN BİLGİSU CAD. 41480 GEBZE-KOCAELİ, TÜRKİYE

Kyoto protokolü tarafından kapsanan florlu sera gazı içerir.

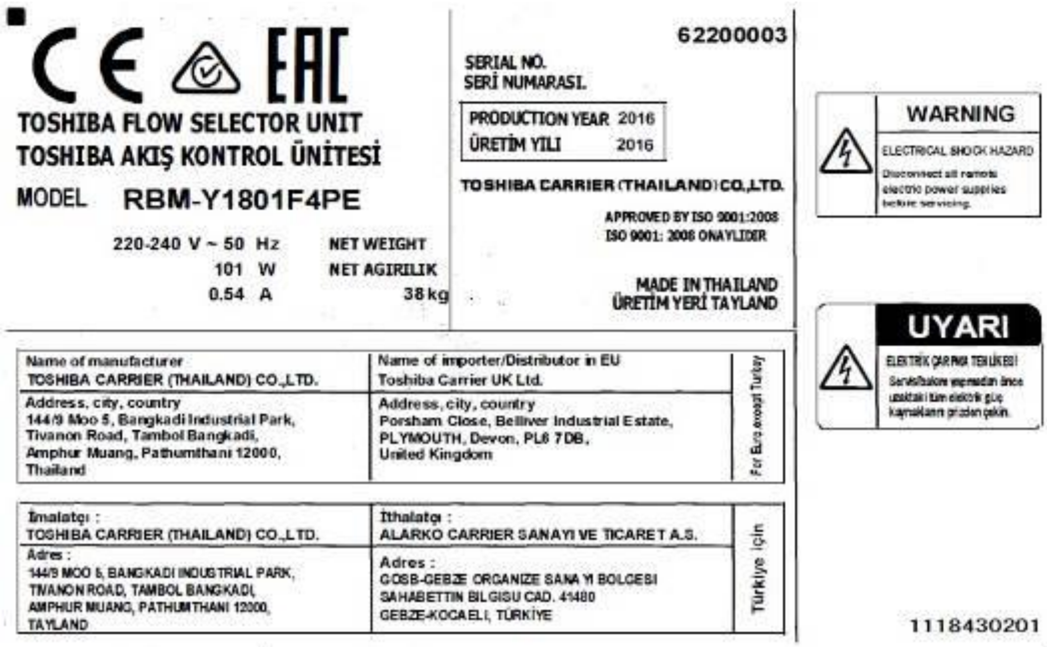
TOSHIBA CARRIER (THAILAND) CO.,LTD.
MADE IN THAILAND
ÜRETİM YERİ TAYLAND

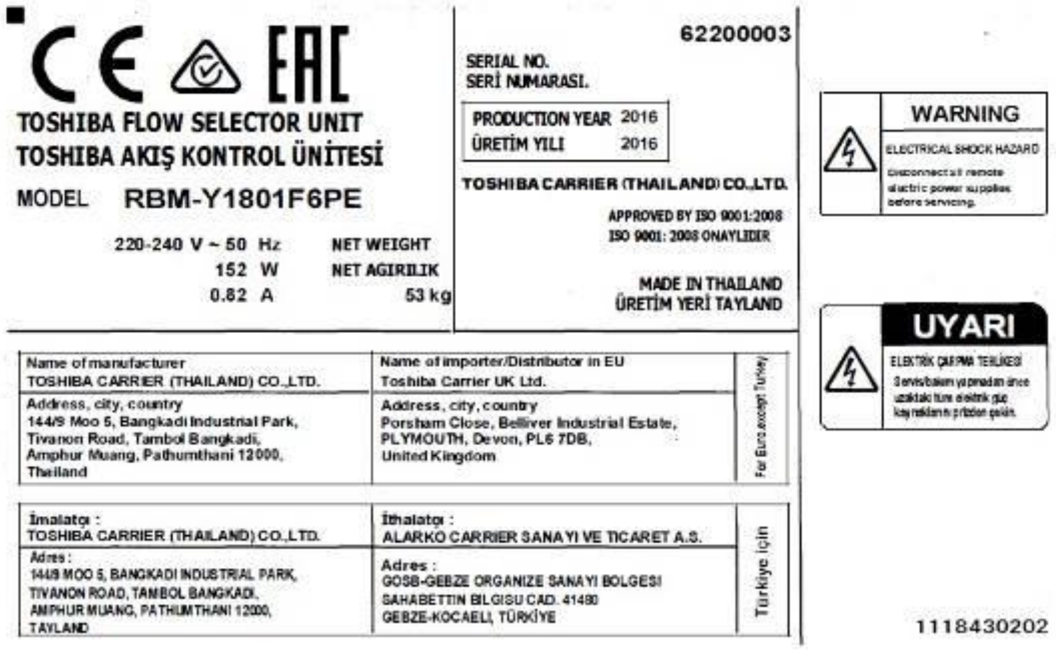
UYARI | Belirtilen soğutucu akışkandan farklı bir soğutucu akışkan kullanmayınız.

1117703114

Copy of marking plate: (Continued)

Indoor unit: (Multi Port Flow Selector Unit (FS unit)





Test item particulars .... :	
Classification of installation and use .... :	Class I, Fixed appliance
Supply Connection.. :	Fixed wiring connection
... :	
Possible test case verdicts:	
- test case does not apply to the test object...........:	N/A
- test object does meet the requirement ....:	P (Pass)
- test object does not meet the requirement...........:	F (Fail)
Testing ....:	
Date of receipt of test item ....:	**2016.01.08**
Date (s) of performance of tests...............................:	**2016.01.11 – 2016.03.11**

General remarks:

"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

This TRF includes an appendix EMF containing the IEC/EN 62233 requirements (see below).

IEC 62233:2005 (1. Edition)
EN 62233:2008 (incl. Corr.1:2008)

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided .... :	☒ Yes ☐ Not applicable

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies)..........................:	1)Toshiba Carrier (Thailand) Co., Ltd. 144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road,Tambol Bangkadi, Amphur Muang, Pathumthani 12000, Thailand 2)Toshiba Carrier Corporation Fuji Operation Center, 336 Tadehara, Fuji-shi, Shizuoka-ken 416-8521 Japan

General product information:

The equipment is a split type room air conditioner consisting of two units: Indoor and outdoor unit, which provide cooling and heating modes.

Cooling and heating modes are applied by reverse cycle method (no additional heating elements).

The Indoor unit are 4-way Air Discharge Cassette, Compact 4-way Air Discharge Cassette, 2-way Air Discharge Cassette, 1-way Air Discharge Cassette, Concealed Duct, Floor Standing Concealed, Slim Duct, Concealed Duct High static pressure, Under Ceiling, High Wall, Compact High Wall, Floor Standing Cabinet, Floor standing, Console, Air to Air Heat exchanger with DX-coil, Air to Air Heat exchanger with DX-coil Humidifier.

The Outdoor unit is Super Heat Recovery Multi (SHRM-e). SHRM-e provides 7 capacity ranks by 8HP to 20HP. Outdoor units (8HP, 10HP, 12HP, 14HP, 16HP, 18HP and 20HP), and they can be connected indoor units up to theirs maximum capacity.
There are three kinds of product chassis: 990 mm wide (8HP and 10HP), 1210 mm wide (12HP and 14HP) and 1600 mm wide (16HP, 18HP and 20HP).

Outdoor Units hired two compressors.

The main power is supplied through the outdoor unit by three-phases and indoor unit by a single-phase power supply cable.

The interconnection cable and power supply cord are not supplied by the manufacturer, they will be provided during final installation.

The supply cord and the connecting cable between indoor and outdoor unit shall be an approved polychloropene sheathed 245 IEC 57 or heavier flexible cord.

Differences between models:

Type	Model Name		Power supply	Power input (max.)
	Current model	New model		
4-way Air Discharge Cassette type	MMU-AP0094HP-E	MMU-AP0094HP1-E	220-240V~ 50Hz 220V~ 60Hz	57W
	MMU-AP0124HP-E	MMU-AP0124HP1-E	220-240V~ 50Hz 220V~ 60Hz	57W
	MMU-AP0154HP-E	MMU-AP0154HP1-E	220-240V~ 50Hz 220V~ 60Hz	80W
	MMU-AP0184HP-E	MMU-AP0184HP1-E	220-240V~ 50Hz 220V~ 60Hz	80W
	MMU-AP0244HP-E	MMU-AP0244HP1-E	220-240V~ 50Hz 220V~ 60Hz	88W
	MMU-AP0274HP-E	MMU-AP0274HP1-E	220-240V~ 50Hz 220V~ 60Hz	88W
	MMU-AP0304HP-E	MMU-AP0304HP1-E	220-240V~ 50Hz 220V~ 60Hz	88W
	MMU-AP0364HP-E	MMU-AP0364HP1-E	220-240V~ 50Hz 220V~ 60Hz	125W
	MMU-AP0484HP-E	MMU-AP0484HP1-E	220-240V~ 50Hz 220V~ 60Hz	125W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MMU-AP0564HP-E	MMU-AP0564HP1-E	220-240V～ 50Hz 220V～ 60Hz	125W
	MMU-AP0094HP-TR	MMU-AP0094HP1-TR	220-240V～ 50Hz 220V～ 60Hz	57W
	MMU-AP0124HP-TR	MMU-AP0124HP1-TR	220-240V～ 50Hz 220V～ 60Hz	57W
	MMU-AP0154HP-TR	MMU-AP0154HP1-TR	220-240V～ 50Hz 220V～ 60Hz	80W
	MMU-AP0184HP-TR	MMU-AP0184HP1-TR	220-240V～ 50Hz 220V～ 60Hz	80W
	MMU-AP0244HP-TR	MMU-AP0244HP1-TR	220-240V～ 50Hz 220V～ 60Hz	88W
	MMU-AP0274HP-TR	MMU-AP0274HP1-TR	220-240V～ 50Hz 220V～ 60Hz	88W
	MMU-AP0304HP-TR	MMU-AP0304HP1-TR	220-240V～ 50Hz 220V～ 60Hz	88W
	MMU-AP0364HP-TR	MMU-AP0364HP1-TR	220-240V～ 50Hz 220V～ 60Hz	125W
	MMU-AP0484HP-TR	MMU-AP0484HP1-TR	220-240V～ 50Hz 220V～ 60Hz	125W
	MMU-AP0564HP-TR	MMU-AP0564HP1-TR	220-240V～ 50Hz 220V～ 60Hz	125W
Compact 4-way Air Discharge Cassette type	MMU-AP0056MH-E	MMU-AP0056MH1-E	220-240V～ 50Hz 220V～ 60Hz	60W
	MMU-AP0074MH-E	MMU-AP0074MH1-E	220-240V～ 50Hz 220V～ 60Hz	60W
	MMU-AP0094MH-E	MMU-AP0094MH1-E	220-240V～ 50Hz 220V～ 60Hz	60W
	MMU-AP0124MH-E	MMU-AP0124MH1-E	220-240V～ 50Hz 220V～ 60Hz	60W
	MMU-AP0154MH-E	MMU-AP0154MH1-E	220-240V～ 50Hz 220V～ 60Hz	60W
	MMU-AP0184MH-E	MMU-AP0184MH1-E	220-240V～ 50Hz 220V～ 60Hz	60W
	MMU-AP0056MH-TR	MMU-AP0056MH1-TR	220-240V～ 50Hz 220V～ 60Hz	60W
	MMU-AP0074MH-TR	MMU-AP0074MH1-TR	220-240V～ 50Hz 220V～ 60Hz	60W
	MMU-AP0094MH-TR	MMU-AP0094MH1-TR	220-240V～ 50Hz 220V～ 60Hz	60W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MMU-AP0124MH-TR	MMU-AP0124MH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0154MH-TR	MMU-AP0154MH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0184MH-TR	MMU-AP0184MH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
2-way Air Discharge Cassette type	MMU-AP0072WH	MMU-AP0072WH1	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0092WH	MMU-AP0092WH1	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0122WH	MMU-AP0122WH1	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0152WH	MMU-AP0152WH1	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0182WH	MMU-AP0182WH1	220-240V~ 50Hz 220V~ 60Hz	150W
	MMU-AP0242WH	MMU-AP0242WH1	220-240V~ 50Hz 220V~ 60Hz	160W
	MMU-AP0272WH	MMU-AP0272WH1	220-240V~ 50Hz 220V~ 60Hz	160W
	MMU-AP0302WH	MMU-AP0302WH1	220-240V~ 50Hz 220V~ 60Hz	160W
	MMU-AP0362WH	MMU-AP0362WH1	220-240V~ 50Hz 220V~ 60Hz	180W
	MMU-AP0482WH	MMU-AP0482WH1	220-240V~ 50Hz 220V~ 60Hz	180W
	MMU-AP0562WH	MMU-AP0562WH1	220-240V~ 50Hz 220V~ 60Hz	180W
	MMU-AP0072WH-TR	MMU-AP0072WH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0092WH-TR	MMU-AP0092WH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0122WH-TR	MMU-AP0122WH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0152WH-TR	MMU-AP0152WH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0182WH-TR	MMU-AP0182WH1-TR	220-240V~ 50Hz 220V~ 60Hz	150W
	MMU-AP0242WH-TR	MMU-AP0242WH1-TR	220-240V~ 50Hz 220V~ 60Hz	160W
	MMU-AP0272WH-TR	MMU-AP0272WH1-TR	220-240V~ 50Hz 220V~ 60Hz	160W
	MMU-AP0302WH-TR	MMU-AP0302WH1-TR	220-240V~ 50Hz 220V~ 60Hz	160W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MMU-AP0362WH-TR	MMU-AP0362WH1-TR	220-240V~ 50Hz 220V~ 60Hz	180W
	MMU-AP0482WH-TR	MMU-AP0482WH1-TR	220-240V~ 50Hz 220V~ 60Hz	180W
	MMU-AP0562WH-TR	MMU-AP0562WH1-TR	220-240V~ 50Hz 220V~ 60Hz	180W
1-way Air Discharge	MMU-AP0074YH-E	MMU-AP0074YH1-E	220-240V~ 50Hz 220V~ 60Hz	65W
	MMU-AP0094YH-E	MMU-AP0094YH1-E	220-240V~ 50Hz 220V~ 60Hz	65W
	MMU-AP0124YH-E	MMU-AP0124YH1-E	220-240V~ 50Hz 220V~ 60Hz	70W
	MMU-AP0154SH-E	MMU-AP0154SH1-E	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0184SH-E	MMU-AP0184SH1-E	220-240V~ 50Hz 220V~ 60Hz	62W
	MMU-AP0244SH-E	MMU-AP0244SH1-E	220-240V~ 50Hz 220V~ 60Hz	80W
	MMU-AP0074YH-TR	MMU-AP0074YH1-TR	220-240V~ 50Hz 220V~ 60Hz	65W
	MMU-AP0094YH-TR	MMU-AP0094YH1-TR	220-240V~ 50Hz 220V~ 60Hz	65W
	MMU-AP0124YH-TR	MMU-AP0124YH1-TR	220-240V~ 50Hz 220V~ 60Hz	70W
	MMU-AP0154SH-TR	MMU-AP0154SH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MMU-AP0184SH-TR	MMU-AP0184SH1-TR	220-240V~ 50Hz 220V~ 60Hz	62W
	MMU-AP0244SH-TR	MMU-AP0244SH1-TR	220-240V~ 50Hz 220V~ 60Hz	80W
Concealed Duct type	MMD-AP0076BHP-E	MMD-AP0076BHP1-E	220-240V~ 50Hz 220V~ 60Hz	120W
	MMD-AP0096BHP-E	MMD-AP0096BHP1-E	220-240V~ 50Hz 220V~ 60Hz	120W
	MMD-AP0126BHP-E	MMD-AP0126BHP1-E	220-240V~ 50Hz 220V~ 60Hz	120W
	MMD-AP0156BHP-E	MMD-AP0156BHP1-E	220-240V~ 50Hz 220V~ 60Hz	160W
	MMD-AP0186BHP-E	MMD-AP0186BHP1-E	220-240V~ 50Hz 220V~ 60Hz	160W
	MMD-AP0246BHP-E	MMD-AP0246BHP1-E	220-240V~ 50Hz 220V~ 60Hz	255W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MMD-AP0276BHP-E	MMD-AP0276BHP1-E	220-240V~ 50Hz 220V~ 60Hz	255W
	MMD-AP0306BHP-E	MMD-AP0306BHP1-E	220-240V~ 50Hz 220V~ 60Hz	255W
	MMD-AP0366BHP-E	MMD-AP0366BHP1-E	220-240V~ 50Hz 220V~ 60Hz	410W
	MMD-AP0486BHP-E	MMD-AP0486BHP1-E	220-240V~ 50Hz 220V~ 60Hz	410W
	MMD-AP0566BHP-E	MMD-AP0566BHP1-E	220-240V~ 50Hz 220V~ 60Hz	410W
	MMD-AP0076BHP-TR	MMD-AP0076BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	120W
	MMD-AP0096BHP-TR	MMD-AP0096BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	120W
	MMD-AP0126BHP-TR	MMD-AP0126BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	120W
	MMD-AP0156BHP-TR	MMD-AP0156BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	160W
	MMD-AP0186BHP-TR	MMD-AP0186BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	160W
	MMD-AP0246BHP-TR	MMD-AP0246BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	255W
	MMD-AP0276BHP-TR	MMD-AP0276BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	255W
	MMD-AP0306BHP-TR	MMD-AP0306BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	255W
	MMD-AP0366BHP-TR	MMD-AP0366BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	410W
	MMD-AP0486BHP-TR	MMD-AP0486BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	410W
	MMD-AP0566BHP-TR	MMD-AP0566BHP1-TR	220-240V~ 50Hz 220V~ 60Hz	410W
Slim Duct type	MMD-AP0056SPH-E	MMD-AP0056SPH1-E	220-240V~ 50Hz 220V~ 60Hz	56W
	MMD-AP0074SPH-E	MMD-AP0074SPH1-E	220-240V~ 50Hz 220V~ 60Hz	56W
	MMD-AP0094SPH-E	MMD-AP0094SPH1-E	220-240V~ 50Hz 220V~ 60Hz	56W
	MMD-AP0124SPH-E	MMD-AP0124SPH1-E	220-240V~ 50Hz 220V~ 60Hz	62W
	MMD-AP0154SPH-E	MMD-AP0154SPH1-E	220-240V~ 50Hz 220V~ 60Hz	65W
	MMD-AP0184SPH-E	MMD-AP0184SPH1-E	220-240V~ 50Hz 220V~ 60Hz	65W
	MMD-AP0244SPH-E	MMD-AP0244SPH1-E	220-240V~ 50Hz 220V~ 60Hz	155W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MMD-AP0274SPH-E	MMD-AP0274SPH1-E	220-240V~ 50Hz 220V~ 60Hz	155W
	MMD-AP0056SPH-TR	MMD-AP0056SPH1-TR	220-240V~ 50Hz 220V~ 60Hz	56W
	MMD-AP0074SPH-TR	MMD-AP0074SPH1-TR	220-240V~ 50Hz 220V~ 60Hz	56W
	MMD-AP0094SPH-TR	MMD-AP0094SPH1-TR	220-240V~ 50Hz 220V~ 60Hz	56W
	MMD-AP0124SPH-TR	MMD-AP0124SPH1-TR	220-240V~ 50Hz 220V~ 60Hz	62W
	MMD-AP0154SPH-TR	MMD-AP0154SPH1-TR	220-240V~ 50Hz 220V~ 60Hz	65W
	MMD-AP0184SPH-TR	MMD-AP0184SPH1-TR	220-240V~ 50Hz 220V~ 60Hz	65W
	MMD-AP0244SPH-TR	MMD-AP0244SPH1-TR	220-240V~ 50Hz 220V~ 60Hz	155W
	MMD-AP0274SPH-TR	MMD-AP0274SPH1-TR	220-240V~ 50Hz 220V~ 60Hz	155W
Concealed Duct High static pressure type	MMD-AP0186HP-E	MMD-AP0186HP1-E	220-240V~ 50Hz 220V~ 60Hz	200 W
	MMD-AP0246HP-E	MMD-AP0246HP1-E	220-240V~ 50Hz 220V~ 60Hz	250 W
	MMD-AP0276HP-E	MMD-AP0276HP1-E	220-240V~ 50Hz 220V~ 60Hz	250 W
	MMD-AP0366HP-E	MMD-AP0366HP1-E	220-240V~ 50Hz 220V~ 60Hz	420 W
	MMD-AP0486HP-E	MMD-AP0486HP1-E	220-240V~ 50Hz 220V~ 60Hz	450 W
	MMD-AP0566HP-E	MMD-AP0566HP1-E	220-240V~ 50Hz 220V~ 60Hz	480 W
	MMD-AP0724H-E	-	220-240V~ 50Hz 220V~ 60Hz	1860 W
	MMD-AP0964H-E	-	220-240V~ 50Hz 220V~ 60Hz	2010 W
	-	MMD-AP0726HP-E	220-240V~ 50Hz 220V~ 60Hz	800 W
	-	MMD-AP0966HP-E	220-240V~ 50Hz 220V~ 60Hz	1100 W
	MMD-AP0186HP-TR	MMD-AP0186HP1-TR	220-240V~ 50Hz 220V~ 60Hz	200 W
	MMD-AP0246HP-TR	MMD-AP0246HP1-TR	220-240V~ 50Hz 220V~ 60Hz	250 W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MMD-AP0276HP-TR	MMD-AP0276HP1-TR	220-240V~ 50Hz 220V~ 60Hz	250 W
	MMD-AP0366HP-TR	MMD-AP0366HP1-TR	220-240V~ 50Hz 220V~ 60Hz	420 W
	MMD-AP0486HP-TR	MMD-AP0486HP1-TR	220-240V~ 50Hz 220V~ 60Hz	450 W
	MMD-AP0566HP-TR	MMD-AP0566HP1-TR	220-240V~ 50Hz 220V~ 60Hz	480 W
	MMD-AP0724H-TR	-	220-240V~ 50Hz 220V~ 60Hz	1860 W
	MMD-AP0964H-TR	-	220-240V~ 50Hz 220V~ 60Hz	2010 W
	-	MMD-AP0726HP-TR	220-240V~ 50Hz 220V~ 60Hz	800 W
	-	MMD-AP0966HP-TR	220-240V~ 50Hz 220V~ 60Hz	1100 W
Concealed Duct High static pressure type	MMD-AP0186HP-EU	-	220-240V~ 50Hz 220V~ 60Hz	250 W
	MMD-AP0276HP-EU	-	220-240V~ 50Hz 220V~ 60Hz	480 W
	MMD-AP0364H-EU	-	220-240V~ 50Hz 220V~ 60Hz	1860 W
	MMD-AP0484H-EU	-	220-240V~ 50Hz 220V~ 60Hz	2010 W
	MMD-AP0564H-EU	-	220-240V~ 50Hz 220V~ 60Hz	2010 W
Under Ceiling type	MMC-AP0157HP-E	MMC-AP0157HP1-E	220-240V~ 50Hz 220V~ 60Hz	70W
	MMC-AP0187HP-E	MMC-AP0187HP1-E	220-240V~ 50Hz 220V~ 60Hz	70W
	MMC-AP0247HP-E	MMC-AP0247HP1-E	220-240V~ 50Hz 220V~ 60Hz	103W
	MMC-AP0277HP-E	MMC-AP0277HP1-E	220-240V~ 50Hz 220V~ 60Hz	103W
	MMC-AP0367HP-E	MMC-AP0367HP1-E	220-240V~ 50Hz 220V~ 60Hz	185W
	MMC-AP0487HP-E	MMC-AP0487HP1-E	220-240V~ 50Hz 220V~ 60Hz	185W
	MMC-AP0567HP-E	MMC-AP0567HP1-E	220-240V~ 50Hz 220V~ 60Hz	185W
	MMC-AP0157HP-TR	MMC-AP0157HP1-TR	220-240V~ 50Hz 220V~ 60Hz	70W
	MMC-AP0187HP-TR	MMC-AP0187HP1-TR	220-240V~ 50Hz 220V~ 60Hz	70W
	MMC-AP0247HP-TR	MMC-AP0247HP1-TR	220-240V~ 50Hz 220V~ 60Hz	103W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MMC-AP0277HP-TR	MMC-AP0277HP1-TR	220-240V~ 50Hz 220V~ 60Hz	103W
	MMC-AP0367HP-TR	MMC-AP0367HP1-TR	220-240V~ 50Hz 220V~ 60Hz	185W
	MMC-AP0487HP-TR	MMC-AP0487HP1-TR	220-240V~ 50Hz 220V~ 60Hz	185W
	MMC-AP0567HP-TR	MMC-AP0567HP1-TR	220-240V~ 50Hz 220V~ 60Hz	185W
High Wall type	MMK-AP0073H	MMK-AP0073H1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0093H	MMK-AP0093H1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0123H	MMK-AP0123H1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0153H	MMK-AP0153H1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0183H	MMK-AP0183H1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0243H	MMK-AP0243H1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0073HP-E1	MMK-AP0073HP1-E1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0093HP-E1	MMK-AP0093HP1-E1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0123HP-E1	MMK-AP0123HP1-E1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0153HP-E1	MMK-AP0153HP1-E1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0183HP-E1	MMK-AP0183HP1-E1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0243HP-E1	MMK-AP0243HP1-E1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0073HP-TR1	MMK-AP0073HP1-TR1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0093HP-TR1	MMK-AP0093HP1-TR1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0123HP-TR1	MMK-AP0123HP1-TR1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0153HP-TR1	MMK-AP0153HP1-TR1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0183HP-TR1	MMK-AP0183HP1-TR1	220-240V~ 50Hz 220V~ 60Hz	55 W
	MMK-AP0243HP-TR1	MMK-AP0243HP1-TR1	220-240V~ 50Hz 220V~ 60Hz	55 W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
Compact High Wall type	MMK-AP0074MH-E	MMK-AP0074MH1-E	220-240V~ 50Hz 220V~ 60Hz	22 W
	MMK-AP0094MH-E	MMK-AP0094MH1-E	220-240V~ 50Hz 220V~ 60Hz	23 W
	MMK-AP0124MH-E	MMK-AP0124MH1-E	220-240V~ 50Hz 220V~ 60Hz	24 W
	MMK-AP0054MHP-E	MMK-AP0054MHP1-E	220-240V~ 50Hz 220V~ 60Hz	22 W
	MMK-AP0054MHP-E1	MMK-AP0054MHP1-E1	220-240V~ 50Hz 220V~ 60Hz	22W
	MMK-AP0074MHP-E1	MMK-AP0074MHP1-E1	220-240V~ 50Hz 220V~ 60Hz	22 W
	MMK-AP0094MHP-E1	MMK-AP0094MHP1-E1	220-240V~ 50Hz 220V~ 60Hz	23 W
	MMK-AP0124MHP-E1	MMK-AP0124MHP1-E1	220-240V~ 50Hz 220V~ 60Hz	24 W
	MMK-AP0074MH-TR	MMK-AP0074MH1-TR	220-240V~ 50Hz 220V~ 60Hz	22 W
	MMK-AP0094MH-TR	MMK-AP0094MH1-TR	220-240V~ 50Hz 220V~ 60Hz	23 W
	MMK-AP0124MH-TR	MMK-AP0124MH1-TR	220-240V~ 50Hz 220V~ 60Hz	24 W
	MMK-AP0054MHP-TR	MMK-AP0054MHP1-TR	220-240V~ 50Hz 220V~ 60Hz	22 W
	MMK-AP0054MHP-TR1	MMK-AP0054MHP1-TR1	220-240V~ 50Hz 220V~ 60Hz	22 W
	MMK-AP0074MHP-TR1	MMK-AP0074MHP1-TR1	220-240V~ 50Hz 220V~ 60Hz	22 W
	MMK-AP0094MHP-TR1	MMK-AP0094MHP1-TR1	220-240V~ 50Hz 220V~ 60Hz	23 W
	MMK-AP0124MHP-TR1	MMK-AP0124MHP1-TR1	220-240V~ 50Hz 220V~ 60Hz	24 W
Floor Standing Concealed type	MML-AP0074BH-E	MML-AP0074BH1-E	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0094BH-E	MML-AP0094BH1-E	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0124BH-E	MML-AP0124BH1-E	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0154BH-E	MML-AP0154BH1-E	220-240V~ 50Hz 220V~ 60Hz	100W
	MML-AP0184BH-E	MML-AP0184BH1-E	220-240V~ 50Hz 220V~ 60Hz	100W
	MML-AP0244BH-E	MML-AP0244BH1-E	220-240V~ 50Hz 220V~ 60Hz	115W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MML-AP0074BH-TR	MML-AP0074BH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0094BH-TR	MML-AP0094BH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0124BH-TR	MML-AP0124BH1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0154BH-TR	MML-AP0154BH1-TR	220-240V~ 50Hz 220V~ 60Hz	100W
	MML-AP0184BH-TR	MML-AP0184BH1-TR	220-240V~ 50Hz 220V~ 60Hz	100W
	MML-AP0244BH-TR	MML-AP0244BH1-TR	220-240V~ 50Hz 220V~ 60Hz	115W
Floor Standing Cabinet type	MML-AP0074H-E	MML-AP0074H1-E	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0094H-E	MML-AP0094H1-E	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0124H-E	MML-AP0124H1-E	220-240V~ 50Hz 220V~ 60Hz	95W
	MML-AP0154H-E	MML-AP0154H1-E	220-240V~ 50Hz 220V~ 60Hz	95W
	MML-AP0184H-E	MML-AP0184H1-E	220-240V~ 50Hz 220V~ 60Hz	115W
	MML-AP0244H-E	MML-AP0244H1-E	220-240V~ 50Hz 220V~ 60Hz	115W
	MML-AP0074H-TR	MML-AP0074H1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0094H-TR	MML-AP0094H1-TR	220-240V~ 50Hz 220V~ 60Hz	60W
	MML-AP0124H-TR	MML-AP0124H1-TR	220-240V~ 50Hz 220V~ 60Hz	95W
	MML-AP0154H-TR	MML-AP0154H1-TR	220-240V~ 50Hz 220V~ 60Hz	95W
	MML-AP0184H-TR	MML-AP0184H1-TR	220-240V~ 50Hz 220V~ 60Hz	115W
	MML-AP0244H-TR	MML-AP0244H1-TR	220-240V~ 50Hz 220V~ 60Hz	115W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
Floor standing type	MMF-AP0156H-E	MMF-AP0156H1-E	220-240V~ 50Hz 220V~ 60Hz	80W
	MMF-AP0186H-E	MMF-AP0186H1-E	220-240V~ 50Hz 220V~ 60Hz	80W
	MMF-AP0246H-E	MMF-AP0246H1-E	220-240V~ 50Hz 220V~ 60Hz	120W
	MMF-AP0276H-E	MMF-AP0276H1-E	220-240V~ 50Hz 220V~ 60Hz	120W
	MMF-AP0366H-E	MMF-AP0366H1-E	220-240V~ 50Hz 220V~ 60Hz	150W
	MMF-AP0486H-E	MMF-AP0486H1-E	220-240V~ 50Hz 220V~ 60Hz	180W
	MMF-AP0566H-E	MMF-AP0566H1-E	220-240V~ 50Hz 220V~ 60Hz	180W
	MMF-AP0156H-TR	MMF-AP0156H1-TR	220-240V~ 50Hz 220V~ 60Hz	80W
	MMF-AP0186H-TR	MMF-AP0186H1-TR	220-240V~ 50Hz 220V~ 60Hz	80W
	MMF-AP0246H-TR	MMF-AP0246H1-TR	220-240V~ 50Hz 220V~ 60Hz	120W
	MMF-AP0276H-TR	MMF-AP0276H1-TR	220-240V~ 50Hz 220V~ 60Hz	120W
	MMF-AP0366H-TR	MMF-AP0366H1-TR	220-240V~ 50Hz 220V~ 60Hz	150W
	MMF-AP0486H-TR	MMF-AP0486H1-TR	220-240V~ 50Hz 220V~ 60Hz	180W
	MMF-AP0566H-TR	MMF-AP0566H1-TR	220-240V~ 50Hz 220V~ 60Hz	180W
Console type	MML-AP0074NH-E	MML-AP0074NH1-E	220-240V~ 50Hz 220V~ 60Hz	52W
	MML-AP0094NH-E	MML-AP0094NH1-E	220-240V~ 50Hz 220V~ 60Hz	52W
	MML-AP0124NH-E	MML-AP0124NH1-E	220-240V~ 50Hz 220V~ 60Hz	52W
	MML-AP0154NH-E	MML-AP0154NH1-E	220-240V~ 50Hz 220V~ 60Hz	52W
	MML-AP0184NH-E	MML-AP0184NH1-E	220-240V~ 50Hz 220V~ 60Hz	52W
	MML-AP0074NH-TR	MML-AP0074NH1-TR	220-240V~ 50Hz 220V~ 60Hz	52W
	MML-AP0094NH-TR	MML-AP0094NH1-TR	220-240V~ 50Hz 220V~ 60Hz	52W
	MML-AP0124NH-TR	MML-AP0124NH1-TR	220-240V~ 50Hz 220V~ 60Hz	52W
	MML-AP0154NH-TR	MML-AP0154NH1-TR	220-240V~ 50Hz 220V~ 60Hz	52W

General product information: (Continued)

Differences between models:

Type	Current model	New model	Power supply	Power input (max.)
	MML-AP0184NH-TR	MML-AP0184NH1-TR	220-240V~ 50Hz 220V~ 60Hz	52W
Air to Air Heat exchanger with DX-coil type	MMD-VN502HEXE	MMD-VN502HEX1E	220-240V~ 50Hz 220V~ 60Hz	430W 510W
	MMD-VN802HEXE	MMD-VN802HEX1E	220-240V~ 50Hz 220V~ 60Hz	710W 810W
	MMD-VN1002HEXE	MMD-VN1002HEX1E	220-240V~ 50Hz	765W
	MMD-VN1002HEXE2	MMD-VN1002HEX1E2	220V~ 60Hz	950W
	MMD-VN502HEXE-TR	MMD-VN502HEX1E-TR	220-240V~ 50Hz	430W
	MMD-VN802HEXE-TR	MMD-VN802HEX1E-TR	220-240V~ 50Hz	710W
	MMD-VN1002HEXE-TR	MMD-VN1002HEX1E-TR	220-240V~ 50Hz	765W
Air to Air Heat exchanger with DX-coil Humidifier type	MMD-VNK502HEXE	MMD-VNK502HEX1E	220-240V~ 50Hz 220V~ 60Hz	420W 500W
	MMD-VNK802HEXE	MMD-VNK802HEX1E	220-240V~ 50Hz 220V~ 60Hz	700W 800W
	MMD-VNK1002HEXE	MMD-VNK1002HEX1E	220-240V~ 50Hz	730W
	MMD-VNK1002HEXE2	MMD-VNK1002HEX1E2	220V~ 60Hz	940W
	MMD-VNK502HEXE-TR	MMD-VNK502HEX1E-TR	220-240V~ 50Hz	420W
	MMD-VNK802HEXE-TR	MMD-VNK802HEX1E-TR	220-240V~ 50Hz	700W
	MMD-VNK1002HEXE-TR	MMD-VNK1002HEX1E-TR	220-240V~ 50Hz	730W

General product information: (Continued)

Differences between models:

Model Name	Power supply	Power input (Max.)	Current (Max.)	Type of refrigerant & Weight	Operating Pressure	IP number
Heat Recovery (For Europe)						
MMY-MAP0806FT8P-E	380-415V, 3N~ 50Hz	12.9kW	21.5A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1006FT8P-E	380-415V, 3N~ 50Hz	15.8kW	26.1A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1206FT8P-E	380-415V, 3N~ 50Hz	19.2kW	31.0A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1406FT8P-E	380-415V, 3N~ 50Hz	22.3kW	35.8A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1606FT8P-E	380-415V, 3N~ 50Hz	26.5kW	40.6A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1806FT8P-E	380-415V, 3N~ 50Hz	29.3kW	44.9A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP2006FT8P-E	380-415V, 3N~ 50Hz	32.2kW	49.3A	HFC-410A 11.5kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP0806FT8JP-E	380-415V, 3N~ 50Hz	12.9kW	21.5A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1006FT8JP-E	380-415V, 3N~ 50Hz	15.8kW	26.1A	HFC-410A 11.5kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1206FT8JP-E	380-415V, 3N~ 50Hz	19.2kW	31.0A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1406FT8JP-E	380-415V, 3N~ 50Hz	22.3kW	35.8A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1606FT8JP-E	380-415V, 3N~ 50Hz	26.5kW	40.6A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1806FT8JP-E	380-415V, 3N~ 50Hz	29.3kW	44.9A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP2006FT8JP-E	380-415V, 3N~ 50Hz	32.2kW	49.3A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4

General product information: (Continued)

Differences between models:

Heat Recovery (For Turkey)						
MMY-MAP0806FT8P-TR	380V, 3N~ 50Hz	11.8kW	21.5A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1006FT8P-TR	380V, 3N~ 50Hz	14.4kW	26.1A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1206FT8P-TR	380V, 3N~ 50Hz	17.5kW	31.0A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1406FT8P-TR	380V, 3N~ 50Hz	20.4kW	35.8A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1606FT8P-TR	380V, 3N~ 50Hz	24.2kW	40.6A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1806FT8P-TR	380V, 3N~ 50Hz	26.9kW	44.9A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP2006FT8P-TR	380V, 3N~ 50Hz	29.5kW	49.3A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP0806FT8JPTR	380V, 3N~ 50Hz	11.8kW	21.5A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1006FT8JPTR	380V, 3N~ 50Hz	14.4kW	26.1A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1206FT8JPTR	380V, 3N~ 50Hz	17.5kW	31.0A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1406FT8JPTR	380V, 3N~ 50Hz	20.4kW	35.8A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1606FT8JPTR	380V, 3N~ 50Hz	24.2kW	40.6A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP1806FT8JPTR	380V, 3N~ 50Hz	26.9kW	44.9A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
MMY-MAP2006FT8JPTR	380V, 3N~ 50Hz	29.5kW	49.3A	HFC-410A 11.0kg	PS: H 3.73 MPa (H 37.3 bar) L 2.21 MPa (L 22.1 bar)	IPX4
Multi Port Flow Selector Unit						
RBM-Y1801F4PE	220-240V, 50Hz	101W	0.54A	-	-	-
RBM-Y1801F6PE	220-240V, 50Hz	152W	0.82A	-	-	-

General product information: (Continued)

All outdoor models using the same PCB's
PCB Boards:
PCB MCC-1660 (prim – sec separation)
PCB MCC-1669 (prim – sec separation)
PCB MCC-1673 (prim – sec separation)
PCB MCC-1659 (prim – sec separation)
PCB MCC-1608A (primary only)
PCB MCC-1608B (primary only)
PCB MCC-1681 (primary only)

Representative models for testing:

Outdoor: MMY-MAP1006FT8P-E (10HP)+ Indoor:MMC-AP0247HP-E(Celling)+ MMC-AP0247HP-E(Celling)+ MMU-AP0244HP-E(4-Way)+ MMU-AP0364HP-E(4-Way)+ RBM-Y1801F6PE(FS unit)
Outdoor: MMY-MAP1406FT8P-E (14HP) + Indoor:MMC-AP0247HP-E(Celling)+ MMC-AP0247HP-E(Celling)+ MMU-AP0364HP-E(4-Way)+ MMU-AP0364HP-E(4-Way)+ MMU-AP0484HP-E(4-Way) + RBM-Y1801F6PE(FS unit)
Outdoor: MMY-MAP2006FT8P-E (20HP)+ Indoor:MMC-AP0247HP-E(Celling)+ MMC-AP0247HP-E(Celling)+ MMU-AP0484HP-E(4-Way)+ MMU-AP0484HP-E(4-Way)+ MMU-AP0484HP-E(4-Way)+ MMU-AP0484HP-E(4-Way)+ RBM-Y1801F6PE(FS unit)
FS Unit: RBM-Y1801F6PE

If no other statements, the highest measurement value was filled in this report.

Test performed on production samples without serial number.

If no other statement, the following ambient temperature conditions were kept during the test:

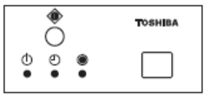
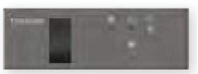
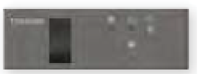
	Maximum Cooling	Minimum Cooling
	D.B./W.B.	D.B./W.B.
Outdoor Unit	46°C / --	-10°C/ --
Indoor Unit	32°C / 24°C	21°C / 15°C

	Maximum Heating	Minimum Heating
	D.B./W.B.	D.B./W.B.
Outdoor Unit	24°C / 15.5°C	-25°C / --
Indoor Unit	28°C / --	15°C / --

General product information: (Continued)

Options:

Wireless Remote Controller

Model Name	Receiver	Wireless Remote Controller	Used with
TCB-AX32E2	SX-W4NE  Connection via Terminal A B	WH-L11SE 	4-way cassette Type 4-way cassette compact Type 2-way cassette Type 1-way cassette YH Type Slim duct Type Concealed duct Type Floor standing Type Floor cabinet Type
RBC-AX32U(W)-E RBC-AX32U(WS)-E	SX-W1NE  Connection via Terminal A B	WH-L11SE 	4-way cassette Type
RBC-AX33CE	SX-W6NE  Connection via Terminal A B	WH-L11SE 	Ceiling Type 1-way cassette Type
RBC-AX23UW(W)-E	 Connection via Terminal A B	WH-H1JE2 	2-way cassette Type
RBC-AX32UW(W)-E	 Connection via Terminal A B	WH-L11SE 	2-way cassette Type

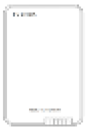
General product information: (Continued)

Wired Remote Controller 1

< Connected through Indoor Unit Secondary circuit >

Controller	Model Name	Controller Name	Comment
Wired Remote Controller (Main all indoor units) 	RBC-AMT32E	SX-A4EE	Connection via Terminal A B
Wired Remote Controller (Air to air heat exchanger) 	NRC-01HE	SX-A5JE	Connection via Terminal A B
Remote Controller with Weekly Timer 	RBC-AMS41E	SX-A5EE	Connection via Terminal A B
Schedule Timer 	TCB-EXS21TLE	EX-S1SE	Connection via connector of RBC-AMT32E (or TCB-SC642TLE2 or TCB-CC163TLE2), or, Connection via CN61 & Terminal U3 U4
Simple Remote Controller 	RBC-AS41E	SX-U01EE	Connection via Terminal A B
Lite-Vision plus Remote Controller 	RBC-AMS51E-ES	SX-A1JE-ES	Connection via Terminal A B
	RBC-AMS51E-EN	SX-A1JE-EN	

General product information: (Continued)

Wire Remote Controller 	RBC-AMS54E-ES	SX-P02BE	Connection via Terminal A B
	RBC-AMS54E-EN	SX-P01BE	
Remote sensor 	TCB-TC21LE2	-	Connection via Terminal A B
Remote sensor 	TCB-TC41LE	-	Connection via Terminal A B

Wired Remote Controller 2

< With Primary - Secondary circuit >

With RBC-AMT32E and MCC-1440 (1:1 model Connection Interface: TCB-PCNT30TLE2)

Controller	Model Name	Controller Name	Comment
Central Controller 	TCB-SC642TLE2	-	Tested by CB test report 12024505 001 Connection via Terminal U3 U4
ON-Off Controller 	TCB-CC163TLE2	-	Tested by CB test report 12024505 001 Connection via Terminal U3 U4

General product information: (Continued)

Others

Model Name	Reference	Used with
TCB-PCNT30TLE2	1:1 model Connection Interface (with MCC-1440)	All indoor units
TCB-PX30MUE	Terminal Box (for TCB-PCNT30TLE2)	4-way cassette Type 4-way cassette compact Type
TCB-IFCB-4E2	Remote Location ON/OFF Control Box (with MCC-1528)	All indoor units
TCB-PCUC1E	Application Control Kit	Ceiling Type Floor standing Type Concealed Duct High Static AP0726, AP0966
TCB-PCDM4E	Power peak-cut control (with MCC-1212)	Outdoor units
TCB-PCMO4E	Snowfall fan control External master ON/OFF control Night operation control Operation mode selection control (with MCC-1214)	Outdoor units
TCB-PCIN4E	Error/Operation output control (with MCC-1613)	Outdoor units
RBC-U31PG(W)-E	Standard panel	4-way cassette Type
RBC-U31PGS(W)-E	Straight, white color panel	4-way cassette Type
RBC-U31PGS(WS)-E	Straight, grey panel	4-way cassette Type
RBC-UM11PG(W)E	Decoration panel	4-way cassette compact Type
RBC-UW283PG(W)-E	Decoration panel	2-way cassette Type
RBC-UW803PG(W)-E	Decoration panel	2-way cassette Type
RBC-UW1403PG(W)-E	Decoration panel	2-way cassette Type
RBC-US21PGE	Decoration panel	1-way cassette SH Type
RBC-UY136PG	Decoration panel	1-way cassette YH Type
TCB-DP32DE	Drain Pump Kit	Concealed duct high static 072,096 Type
TCB-DP31CE	Drain Pump Kit	Ceiling Type
TCB-DP31HEXE	Drain Pump Kit	Air to air heat exchanger Type
TCB-DP40DPE	Drain Pump Kit	Concealed Duct High Static AP0726, AP0966
RBM-Y1801F4PE	Multi Port Flow Selector Unit	Outdoor unit
RBM-Y1801F6PE	Multi Port Flow Selector Unit	Outdoor unit

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
5	GENERAL CONDITIONS FOR THE TESTS		P
	Tests performed according to clause 5, e.g. nature of supply, sequence of testing, etc.		P
5.2	Tests of clause 21 carried out on separate samples. Tests of clauses 11, 19 and 21 require pressure measurements made at various points in refrigerating system (IEC 60335-2-40/A1)		P
	At least one additional specially prepared sample required for tests of annex FF (Leak simulation tests) (IEC 60335-2-40/A1)		N/A
	Temperatures on refrigerant piping measured during test of clause 11 (IEC 60335-2-40/A1)		P
5.6	Appropriate controls rendered inoperative during test (IEC 60335-2-40)		P
5.7	Tests of clauses 10 and 11 carried out under most severe operating conditions within operating temperature range specified by manufacturer. Annex AA provide examples of such temperature conditions (IEC 60335-2-40)		P
5.10	For split-package units, refrigerant lines installed in accordance with installation instructions (IEC 60335-2-40)		P
	Refrigerant line length is maximum length stated in installation instructions or (IEC 60335-2-40)		N/A
	7,5 m, whichever is shorter (IEC 60335-2-40)		P
	Thermal insulation of refrigerant lines applied in accordance with installation instructions (IEC 60335-2-40)		P
5.101	Motor-compressor subjected to relevant test of clause 19 of IEC 60335-2-34, unless (IEC 60335-2-40)		P
	motor-compressor comply with that standard (IEC 60335-2-40)		N/A
5.102	Motor-compressors tested and comply with IEC 60335-2-34 need not additionally tested for clause 21 (IEC 60335-2-40/A1)		N/A
6	CLASSIFICATION		P
6.1	Protection against electric shock: Class I, II, III (IEC 60335-2-40).............................:	Class I	P
6.2	Protection against harmful ingress of water, IP degree in accordance with IEC 60529 (IEC 60335-2-40)		P
	- appliances or parts intended for outdoor use be at least IPX4 (IEC 60335-2-40);	IPX4, outdoor unit	P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	- appliances intended only for indoor use (excluding laundry rooms) be IPX0 (IEC 60335-2-40);	IPX0, indoor unit	P
	- appliances intended to be used in laundry rooms be at least IPX1 (IEC 60335-2-40).	No such appliance	N/A
6.101	Degree of accessibility (accessible/not accessible to the general public) (IEC 60335-2-40)	Accessible to general public	P
7	MARKING AND INSTRUCTIONS		P
7.1	Rated voltage or voltage range (V) ....:	See page 105 - 118	P
	Symbol for nature of supply including number of phases, unless for single phase operation (IEC 60335-2-40)...:	Indoor unit: ~ Outdoor unit: 3N~	P
	Rated frequency (Hz) ....:	See page 105 - 118	P
	Rated power input (W), or ....:	See page 105 - 118	P
	Rated current (A) ....:	See page 105 - 118	P
	Manufacturer's or responsible vendor's name, trademark or identification mark...........................:	Trademark of “TOSHIBA”	P
	Model or type reference ....:	See page 105 - 118	P
	Symbol IEC 60417-5172, for class II appliances	No such appliance	N/A
	IP number, other than IPX0..................................:		P
	Symbol IEC 60417-5180, for class III appliances, unless	No such appliance	N/A
	the appliance is operated by batteries only		N/A
	Symbol IEC 60417-5036, for the enclosure of electrically-operated water valves in external hose-sets for connection of an appliance to the water mains, if the working voltage exceeds extra-low voltage		N/A
	Mass of refrigerant or of each refrigerant in blend (except for azeotropic type) (IEC 60335-2-40) ......:	See page 117 – 118	P
	Refrigerant identification (IEC 60335-2-40)...........:	R-410A	P
	Permissible excessive operating pressure for sanitary hot water heat pumps (IEC 60335-2-40) .:	No such construction	N/A
	Maximum operating pressure for heat exchanger for hydronic fan coil/air handling units (IEC 60335-2-40/A2) ....:	No such construction	N/A
	Permissible excessive operating pressure of refrigerant circuit for suction and discharge, if they differ (IEC 60335-2-40) ....:	3.73 MPa / 2.21 MPa	P
	Symbol for degree of protection against ingress of water, other than IPX0 (IEC 60335-2-40)..............:	IPX4 for outdoor unit	P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Separate marking of appliances with all rated characteristics of supplementary heaters (IEC 60335-2-40)...:	No such supplementary heater	N/A
	Marking of direction of fluid flow (IEC 60335-2-40)	Evident from the design	N/A
	Flame symbol and instruction manual symbol of 7.6 visible when flammable refrigerant employed and following conditions exist (IEC 60335-2-40/A1):		N/A
	- accessing parts expected to be subjected to maintenance or repair (IEC 60335-2-40/A1);	No such flammable refrigerant	N/A
	- observing appliance under sale or installed conditions (IEC 60335-2-40/A1);		N/A
	- observing appliance packaging, if appliance charged with refrigerant (IEC 60335-2-40/A1).		N/A
	If flammable refrigerant used, symbols for “read operator’s manual”, “operator’s manual; operating instructions” and “service indicator; read technical manual” (symbols 0790, 1641 and 1659 of ISO 7000) placed on appliance in location visible to persons required to know information. Perpendicular height be at least 10 mm (IEC 60335-2-40/A1 corr.1)		N/A
	Additional warning symbol (flame symbol: B.3.2 of ISO 3864) placed on nameplate of unit near declaration of refrigerant type and charge information. Perpendicular height be at least 10 mm, and symbol need not be in colour (IEC 60335-2-40/A1)		N/A
	Following warning also applied to appliance when flammable refrigerant employed. WARNING Appliance shall be installed, operated and stored in a room with a floor area larger than ‘X’ m² (only applies to appliances that are not fixed appliances) (IEC 60335-2-40/A1)		N/A
	Not fixed appliances, minimum room size X specified on appliance. X in marking determined in m² by procedure described in paragraph 2 of annex GG for unventilated areas and X in marking be 4 if refrigerant charge of appliance is less than m_1 (see annex GG, paragraph 1.1) (IEC 60335-2-40/A1)		N/A
	Maximum allowable pressure for low-pressure side and high-pressure side marked on product (IEC 60335-2-40/A1)	3.73 MPa / 2.21 MPa	P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	If not already visible when accessing service port and if service port provided, service port marked to identify type of refrigerant. If refrigerant is flammable, symbol B.3.2 of ISO 3864, be included, without specifying the colour (IEC 60335-2-40/A1)		N/A
7.2	Warning for stationary appliances for multiple supply		N/A
	Warning placed in vicinity of terminal cover		N/A
7.3	Range of rated values marked with the lower and upper limits separated by a hyphen		N/A
	Different rated values marked with the values separated by an oblique stroke		N/A
7.4	Appliances adjustable for different rated voltages, the voltage setting is clearly discernible		N/A
	Requirement met if frequent changes are not required and the rated voltage to which the appliance is to be adjusted is determined from a wiring diagram		N/A
7.5	Appliances with more than one rated voltage or one or more rated voltage ranges, marked with rated input or rated current for each rated voltage or range, unless	One rated voltage Indoor unit: 220-240V/50Hz; 220V/60Hz Outdoor unit: 380-415V/50Hz; 380V, 3N~/50Hz	N/A
	the power input is related to the arithmetic mean value of the rated voltage range		N/A
	Relation between marking for upper and lower limits of rated power input or rated current and voltage is clear		N/A
7.6	Correct symbols used		P
	Flammable refrigerant, warning symbol B.3.2 of ISO 3864, including colour and format, permanently placed on appliance. Perpendicular height of triangle containing "Caution, risk of fire" symbol be at least 30 mm (IEC 60335-2-40/A1)	No such flammable refrigerant	N/A
	Flammable refrigerant, symbol requiring reference to manual [0790 of ISO 7000], including colour and format, permanently placed on appliance (IEC 60335-2-40/A1 corr.1)		N/A
	Symbol for nature of supply placed next to rated voltage		P
	Symbol for class II appliances placed unlikely to be confused with other marking		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Units of physical quantities and their symbols according to international standardized system		P
7.7	Connection diagram fixed to appliances to be connected to more than two supply conductors and appliances for multiple supply, unless		P
	correct mode of connection is obvious		P
7.8	Except for type Z attachment, terminals for connection to the supply mains indicated as follows:		P
	- marking of terminals exclusively for the neutral conductor (letter N)		P
	- marking of protective earthing terminals (symbol IEC 60417-5019)		P
	- marking not placed on removable parts		P
7.9	Marking or placing of switches which may cause a hazard		N/A
7.10	Indications of switches on stationary appliances and controls on all appliances by use of figures, letters or other visual means ....:	Figure and letter used	P
	This applies also to switches which are part of a control		P
	If figures are used, the off position indicated by the figure 0		P
	The figure 0 indicates only OFF position, unless no confusion with the OFF position		P
7.11	Indication for direction of adjustment of controls		P
7.12	Instructions for safe use provided		P
	Details concerning precautions during user maintenance		P
	Appliances not accessible to general public, classification of clause 6.101 included (IEC 60335-2-40)	Accessible to general public	N/A
	Appliances using flammable refrigerants, an installation, service and operation manual, either separate or combined manuals, provided and include information given in annex DD (IEC 60335-2-40/A1)	No such appliance	N/A
	The instructions state that:		P
	- the appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	- children being supervised not to play with the appliance		P
	For a part of class III construction supplied from a detachable power supply unit, the instructions state that the appliance is only to be used with the unit provided		N/A
	Instructions for class III appliances state that it must only be supplied at SELV, unless		N/A
	it is a battery-operated appliance, the battery being charged outside the appliance		N/A
7.12.1	Sufficient details for installation supplied		P
	For an appliance intended to be permanently connected to the water mains and not connected by a hose-set, this is stated		N/A
	Sufficient details for installation or maintenance supplied (IEC 60335-2-40):		P
	- that the appliance shall be installed in accordance with national wiring regulations (IEC 60335-2-40);		P
	- the dimensions of the space necessary for correct installation of the appliance including the minimum permissible distance to adjacent structures (IEC 60335-2-40);		P
	- for appliances with supplementary heaters, the minimum clearance from the appliance to combustible surfaces (IEC 60335-2-40);		N/A
	- a wiring diagram with a clear indication of the connections and wiring to external control devices and supply cord (IEC 60335-2-40);		P
	- the range of external static pressures at which the appliance was tested (add-on heat pumps and appliances with supplementary heaters only) (IEC 60335-2-40);	No such construction	N/A
	- the method of connection to the appliance to the electrical supply and interconnection of separate components (IEC 60335-2-40);		P
	- indication of which parts of the appliance are suitable for outdoor use, if applicable (IEC 60335-2-40);		P
	- details of type and rating of fuses (IEC 60335-2-40);		P
	- details of supplementary heating elements that may be used in conjunction with the appliance, including fitting instructions either with the appliance or with the supplementary heater (IEC 60335-2-40);	No such supplementary heating element	N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	- maximum and minimum water or brine operating temperatures (IEC 60335-2-40);		N/A
	- maximum and minimum water or brine operating pressures (IEC 60335-2-40).		N/A
	Open storage tanks of heat pumps for water heating, accompanied by an instruction sheet which state that the vent shall not be obstructed (IEC 60335-2-40)		N/A
7.12.2	Stationary appliances not fitted with means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under overvoltage category III, the instructions state that means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules		P
7.12.3	Insulation of the fixed wiring in contact with parts exceeding 50 K during clause 11; instructions state that the fixed wiring must be protected	No part in contact with wiring exceeding 50 K	N/A
7.12.4	Instructions for built-in appliances:		P
	- dimensions of space		P
	- dimensions and position of supporting and fixing		P
	- minimum distances between parts and surrounding structure		P
	- minimum dimensions of ventilating openings and arrangement		P
	- connection to supply mains and interconnection of separate components		P
	- allow disconnection of the appliance after installation, by accessible plug or a switch in the fixed wiring, unless		P
	a switch complying with 24.3		N/A
7.12.5	Replacement cord instructions, type X attachment with a specially prepared cord	Fixed wiring	N/A
	Replacement cord instructions, type Y attachment		N/A
	Replacement cord instructions, type Z attachment		N/A
7.12.6	Caution in the instructions for appliances incorporating a non-self-resetting thermal cut-out that is reset by disconnection of the supply mains, if this cut-out is required to comply with the standard		N/A
7.12.7	Instructions for fixed appliances stating how the appliance is to be fixed		P
7.12.8	Instructions for appliances connected to the water mains:		N/A
	- max. inlet water pressure (Pa) ....:	No such appliance	N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	- min. inlet water pressure, if necessary (Pa) ....:		N/A
	Instructions concerning new and old hose-sets for appliances connected to the water mains by detachable hose-sets		N/A
7.13	Instructions and other texts in an official language		P
7.14	Marking clearly legible and durable, rubbing test as specified		P
7.15	Markings on a main part		P
	Marking clearly discernible from the outside, if necessary after removal of a cover		P
	For portable appliances, cover can be removed or opened without a tool		N/A
	For stationary appliances, name, trademark or identification mark and model or type reference visible after installation		P
	For fixed appliances, name, trademark or identification mark and model or type reference visible after installation according to the instructions		P
	Indications for switches and controls placed on or near the components. Marking not on parts which can be positioned or repositioned in such a way that the marking is misleading		P
	Marking on panel allowed, provided panel in place for intended operation of appliance (IEC 60335-2-40)		N/A
7.16	Marking of a possible replaceable thermal link or fuse link clearly visible with regard to replacing the link		P
7.101	Marking of fuses and overload protective devices, if replaceable (IEC 60335-2-40):		P
	- fuse rated current in amperes, type and rated voltage or (IEC 60335-2-40)		P
	- manufacturer and model of overload protective device (IEC 60335-2-40)		N/A
7.102	Marking for connection with aluminium wire, if necessary (IEC 60335-2-40)		N/A
8	PROTECTION AGAINST ACCESS TO LIVE PARTS		P
8.1	Adequate protection against accidental contact with live parts		P
8.1.1	Requirement applies for all positions, detachable parts removed		P
	Lamps behind a detachable cover not removed, if conditions met		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Insertion or removal of lamps, protection against contact with live parts of the lamp cap		N/A
	Use of test probe B of IEC 61032, with a force not exceeding 1 N: no contact with live parts		P
	Use of test probe B of IEC 61032 through openings, with a force of 20 N: no contact with live parts		P
8.1.2	Use of test probe 13 of IEC 61032, with a force not exceeding 1 N, through openings in class 0 appliances and class II appliances/constructions: no contact with live parts		P
	Test probe 13 also applied through openings in earthed metal enclosures having a non-conductive coating: no contact with live parts		P
8.1.3	For appliances other than class II, use of test probe 41 of IEC 61032, with a force not exceeding 1 N: no contact with live parts of visible glowing heating elements		N/A
8.1.4	Accessible part not considered live if:		N/A
	- safety extra-low a.c. voltage: peak value not exceeding 42,4 V	No such SELV circuit	N/A
	- safety extra-low d.c. voltage: not exceeding 42,4 V		N/A
	- or separated from live parts by protective impedance		N/A
	If protective impedance: d.c. current not exceeding 2 mA, and		N/A
	a.c. peak value not exceeding 0,7 mA		N/A
	- for peak values over 42,4 V up to and including 450 V, capacitance not exceeding 0,1 μF		N/A
	- for peak values over 450 V up to and including 15 kV, discharge not exceeding 45 μC		N/A
	- for peak values over 15kV, the energy in the discharge not exceeding 350 mJ		N/A
8.1.5	Live parts protected at least by basic insulation before installation or assembly:		P
	- built-in appliances		P
	- fixed appliances		P
	- appliances delivered in separate units		P
8.2	Class II appliances and constructions constructed so that there is adequate protection against accidental contact with basic insulation and metal parts separated from live parts by basic insulation only		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Only possible to touch parts separated from live parts by double or reinforced insulation		P
9	STARTING OF MOTOR-OPERATED APPLIANCES		N/A
	Requirements and tests are specified in part 2 when necessary		N/A
10	POWER INPUT AND CURRENT		P
10.1	Power input at normal operating temperature, rated voltage and normal operation not deviating from rated power input by more than shown in table 1..:	(see appended table)	N/A
	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless		N/A
	the rated power input is related to the arithmetic mean value		N/A
10.2	Current at normal operating temperature, rated voltage and normal operation not deviating from rated current by more than shown in table 2.........:	(see appended table)	P
	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless		N/A
	the rated current is related to the arithmetic mean value of the range		N/A
11	HEATING		P
11.1	No excessive temperatures in normal use (IEC 60335-2-40)		P
	Compliance is checked by the tests of annex C, if (IEC 60335-2-40):		N/A
	- temperature of motor winding exceeds values shown in table 3 (IEC 60335-2-40)		N/A
	- there is doubt about classification of insulation system of the motor (IEC 60335-2-40)		N/A
11.2	Placing and mounting of appliance (IEC/EN 60335-2-40):		P
	- clearances to adjacent surfaces (IEC 60335-2-40);		P
	- flow rates for liquid source or sink equipment be minimum, except for fan coils where flow rates and liquid temperatures be maximum (IEC 60335-2-40/A2);		N/A
	- static pressures (IEC 60335-2-40);		N/A
	- means of adjusting the flow, flow for tests be minimum obtainable (IEC 60335-2-40);		N/A
	- adjustable limit controls set at maximum cut-out setting and minimum differential (IEC 60335-2-40).		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Appliances with supplementary heaters, use test casing of clause 11.9 (IEC 60335-2-40)		N/A
11.2.1	Appliances with supplementary heaters, inlet duct connected to inlet air opening (IEC 60335-2-40)		N/A
11.2.2	Appliance without supplementary heaters, air outlet used (IEC 60335-2-40)	No such appliance	N/A
11.3	Temperature rise determine by thermocouples or resistance method (IEC 60335-2-40)		P
11.4	Test performed at supply voltage between 0,94 and 1,06 times the rated voltage (IEC 60335-2-40)		P
	Heating elements energized at voltage which gives an electrical input of 1,15 times maximum rated power input (IEC 60335-2-40)		N/A
11.5	Test conducted in heating mode and cooling mode, if both exist (IEC 60335-2-40)		P
	All supplementary heating elements operative simultaneously (IEC 60335-2-40)		N/A
11.6	Defrost test in most unfavourable conditions, if needed (IEC/EN 60335-2-40)		N/A
11.7	Appliances operated continuously until steady conditions except for defrost tests (IEC 60335-2-40)		P
11.8	Temperatures not exceeding values of table 3 (IEC 60335-2-40/A2)	(see appended table)	P
	Protective devices do not operate (IEC 60335-2-40)		P
	Sealing compound not flowing out (IEC 60335-2-40)		N/A
	Temperature of air in outlet duct not exceed 90 °C (IEC 60335-2-40)		N/A
11.9	Test casing and installation of appliances in accordance with manufacturer’s instructions (IEC 60335-2-40)		N/A
	Glass fibre insulation for appliances without indication of minimum clearances according to manufacturer; thermocouple in contact with enclosure (IEC 60335-2-40)		N/A
13	LEAKAGE CURRENT AND ELECTRIC STRENGTH AT OPERATING TEMPERATURE		P
13.1	Leakage current not excessive and electric strength adequate		P
	Heating appliances operated at 1,15 times the rated power input (W)...:		N/A
	Motor-operated appliances and combined appliances supplied at 1,06 times the rated voltage (V)...:	(see appended table)	P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Protective impedance and radio interference filters disconnected before carrying out the tests		P
13.2	For class 0, class II and class III appliances, leakage current measured by means of the circuit described in figure 4 of IEC 60990		N/A
	For other appliances, a low impedance ammeter may be used		P
	Leakage current measurements ....: (IEC 60335-2-40)	(see appended table)	P
13.3	The appliance is disconnected from the supply		P
	Electric strength tests according to table 4 ....:	(see appended table)	P
	No breakdown during the tests		P
14	TRANSIENT OVERVOLTAGES		N/A
	Appliances withstand the transient over-voltages to which they may be subjected		N/A
	Clearances having a value less than specified in table 16 subjected to an impulse voltage test, the test voltage specified in table 6 ....:	(see appended table)	N/A
	No flashover during the test, unless		N/A
	of functional insulation if the appliance complies with clause 19 with the clearance short-circuited		N/A
15	MOISTURE RESISTANCE		P
15.1	Enclosure provides degree of moisture protection against ingress of water (rain, overflow from drain pan or defrosting), tests of clause 15.2, 15.3, 11.6 and 16) (IEC 60335-2-40)		P
	Motor-compressor not operated and detachable parts removed during tests of clause 15.2 and 15.3 (IEC 60335-2-40/A2)		P
15.2	Tests in accordance with IEC 60529 in appliances other than IPX0, as specified (IEC 60335-2-40) ...:	IPX4 (outdoor unit)	P
15.3	Drain pan filled to brim and subjected to continuous overflow and fan(s) switched on (IEC 60335-2-40)		P
15.101	Spillage test as specified (IEC 60335-2-40/A2)	Near horizontal top surface of the cabinet is 75 mm or less. For High Wall type installed heoght of greater than 2m.	N/A
	After spillage completed, appliance withstand test of clause 16 (IEC 60335-2-40/A2)		N/A
16	LEAKAGE CURRENT AND ELECTRIC STRENGTH		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
16.1	Leakage current not excessive and electric strength adequate		P
	Protective impedance disconnected from live parts before carrying out the tests		N/A
	Tests carried out at room temperature and not connected to the supply		P
16.2	Single-phase appliances: test voltage 1,06 times rated voltage (V)...:	(see appended table)	P
	Three-phase appliances: test voltage 1,06 times rated voltage divided by √3 (V)..............................:	(see appended table)	P
	Leakage current measurements ....: (IEC 60335-2-40)	(see appended table)	P
	Limit values doubled if:		P
	- all controls have an off position in all poles, or		P
	- the appliance has no control other than a thermal cut-out, or		P
	- all thermostats, temperature limiters and energy regulators do not have an off position, or		P
	- the appliance has radio interference filters		N/A
	With the radio interference filters disconnected, the leakage current do not exceed limits specified .....:	(see appended table)	N/A
16.3	Electric strength tests according to table 7 ....:	(see appended table)	P
	Test voltage applied between the supply cord and inlet bushing and cord guard and cord anchorage as specified ....:	(see appended table)	P
	No breakdown during the tests		P
17	OVERLOAD PROTECTION OF TRANSFORMERS AND ASSOCIATED CIRCUITS		P
	No excessive temperatures in transformer or associated circuits in event of short-circuits likely to occur in normal use..:	(see appended table)	P
	Appliance supplied with 1,06 or 0,94 times rated voltage under the most unfavourable short-circuit or overload likely to occur in normal use (V) ....:	(see appended table)	P
	Basic insulation is not short-circuited		P
	Temperature rise of insulation of the conductors of safety extra-low voltage circuits not exceeding the relevant value specified in table 3 by more than 15 K		N/A
	Temperature of the winding not exceeding the value specified in table 8		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	However, limits do not apply to fail-safe transformers complying with sub-clause 15.5 of IEC 61558-1		N/A
18	ENDURANCE		N/A
	Requirements and tests are specified in part 2 when necessary		N/A
19	ABNORMAL OPERATION		P
19.1	The risk of fire or mechanical damage under abnormal or careless operation obviated (tests 19.2-19.14) (IEC 60335-2-40)		P
	Failure of transfer medium flow or of any control device not result in a hazard (IEC 60335-2-40)		P
	Electronic circuits so designed and applied that a fault will not render the appliance unsafe (electric shock, fire or mechanical hazard, dangerous malfunction) (test 19.11 and 19.12) (IEC 60335-2-40)		P
19.2	Test of appliance with motor rotors, other than motor-compressors, operated for 15 days (360 h) or until protection device opens circuit (IEC 60335-2-40)	Fan motor is protected by electronic circuit	P
	Insulation of motor windings (IEC 60335-2-40).....:	(see appended table)	P
	Temperature of enclosure does not exceed (°C) (IEC 60335-2-40)...:	150ºC	P
	Temperature of the windings does not exceed the values shown in the table ; temperature (°C) (IEC 60335-2-40)...:	(see appended table)	P
	Electric strength test as specified in 16.3, 72 h after the beginning of the test (IEC 60335-2-40)		N/A
	30 mA residual current device does not open (IEC 60335-2-40)		P
	At the end, leakage current between windings and enclosure does not exceed 2 mA (IEC 60335-2-40)		P
19.3	Motor-compressor complies with IEC 60335-2-34 (IEC 60335-2-40)		N/A
	Test of motor-compressor with rotor locked as specified in clause 19.101 of IEC 60335-2-34 and comply with 19.104 of that standard (IEC 60335-2-40)		P
19.4	Test of three-phase motors operated under conditions of clause 11 with one phase disconnected until steady conditions or protective device operates (IEC 60335-2-40)		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
19.5	Test of appliance with heat transfer medium flow of the outdoor heat exchanger restricted or shut off when reaching steady conditions (IEC 60335-2-40)		P
	Test of appliance with heat transfer flow of the indoor heat exchanger restricted or shut off when reaching steady conditions (IEC 60335-2-40)		P
	Disconnection of motor common to both the outdoor and the indoor heat exchangers when reaching steady conditions (IEC 60335-2-40)		N/A
19.6	Test of appliances using water as heat transfer medium (IEC 60335-2-40)	Air to air appliance	N/A
19.7	Test of air to air appliances at rated voltage or at the upper limit of the rated voltage range. Dry-bulb temperature is 5 K below values specified by manufacturer (IEC 60335-2-40)		P
	Test with the dry-bulb temperature 10 K over the values specified by manufacturer (IEC 60335-2-40)		P
19.8	Test of appliances with supplementary heaters (IEC 60335-2-40)		N/A
19.9	Test at temperature permitting continuous operation of the motor-compressor and electric heating elements at same time (IEC 60335-2-40)		N/A
19.10	Test of appliance with any defect which expected during normal use (IEC 60335-2-40)	(see appended table)	P
19.10.101	Test of clause 19.10 repeated on class 0I appliances and class I appliances incorporating tubular sheathed or embedded heating elements (IEC 60335-2-40/A2)		N/A
	However, controls not short-circuited but one end of element connected to sheath of heating element (IEC 60335-2-40/A2)		N/A
	Test repeated with polarity of supply to appliance reversed and with other end of element connected to sheath (IEC 60335-2-40/A2)		N/A
	Test not carried out on appliances intended to permanently connected to fixed wiring and on appliances where an all-pole disconnection occurs during test of clause 19.10 (IEC 60335-2-40/A2)		N/A
19.11	Electronic circuits, compliance checked by evaluation of the fault conditions specified in clause 19.11.2 for all circuits or parts of circuits (IEC 60335-2-40), unless		P
	they comply with conditions specified in clause 19.11.1 (IEC 60335-2-40)		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Windings temperature not exceeding values shown in table 8 (IEC 60335-2-40)		P
	Appliance comply with conditions of clause 19.14 (IEC 60335-2-40)		P
	Appliance withstands test: a conductor becomes open circuited and three conditions are met (IEC 60335-2-40)	No conductor of printed circuit board open-circuited	N/A
19.11.1	Before applying the fault conditions a) to f) in 19.11.2, it is checked if circuits or parts of circuit meet both of following conditions (IEC 60335-2-40):		P
	- electronic circuit is low-power circuit, that is, maximum power at low-power points not exceed 15 W according to tests specified (IEC 60335-2-40)		N/A
	- protection against electric shock, fire hazard, mechanical hazard or dangerous malfunction in other parts of appliance does not rely on correct functioning of electronic circuit (IEC 60335-2-40)		P
19.11.2	Fault conditions applied one at a time, appliance operated under conditions specified in clause 11, but supplied at rated voltage, duration of tests as specified (IEC 60335-2-40):		P
	a) short circuit of creepage distances and clearances between live parts of different potential, if these distances less than values specified in clause 29.1, unless relevant part is adequately encapsulated (IEC 60335-2-40)		N/A
	b) open circuit at terminals of any component (IEC 60335-2-40)		P
	c) short circuit if capacitors, unless they comply with IEC 60384-14 (IEC 60335-2-40)		P
	d) short circuit of any two terminals of an electronic component, other than integrated circuits. This fault condition not applied between circuits of an optocoupler (IEC 60335-2-40)		P
	e) failure of triacs in diode mode (IEC 60335-2-40)		P
	f) failure of an integrated circuit. Possible hazardous situations of appliance assessed to ensure that safety not rely on correct functioning of such component (IEC 60335-2-40)		N/A
	Short-circuit of low-power circuits (IEC 60335-2-40)		N/A
	Duration of tests (IEC 60335-2-40):		P
	- as specified in clause 11.7 but only for one operating cycle, if fault cannot recognised by user (IEC 60335-2-40);		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	- as specified in clause 19.2, if fault can recognised by user (IEC 60335-2-40);		P
	- until steady conditions established (IEC 60335-2-40).		P
	Test ended if interruption of supply occurs within the appliance (IEC 60335-2-40)		P
	If electronic circuit operates to ensure compliance with clause 19, relevant test repeated with single fault a) to f) simulated (IEC 60335-2-40)		P
	Fault condition f) applied to encapsulated or similar components (IEC 60335-2-40)		N/A
	PTC's, NTC's and VDR's resistors not short-circuited if used as specified by manufacturer (IEC 60335-2-40)		P
19.12	If safety of appliance for any of fault conditions specified in clause 19.11.2 depends on operation of miniature fuse-link complying with IEC 60127, test repeated with fuse-link replaced by an ammeter (IEC 60335-2-40)		N/A
	Current ≤ 2,1 times rated current of fuse-link, circuit not adequately protected (fuse-link short-circuited) (IEC 60335-2-40)		N/A
	Current ≥ 2,75 times rated current of fuse-link, circuit adequately protected (IEC 60335-2-40)		N/A
	Current ≥ 2,1 and ≤ 2,75 times rated current, fuse-link short-circuited and test carried out during specified time (IEC 60335-2-40)		N/A
19.13	Appliances with PTC heating elements test as specified (IEC 60335-2-40)	No such PTC heating element	N/A
19.14	During tests of clause 19.2 to 19.10.101 and 19.11, 19.12 and 19.13 if appropriate, appliances not emit flames, molten metal, poisonous or ignitable gas in hazardous amounts (IEC 60335-2-40/A2)		P
	Enclosures not deform (IEC 60335-2-40)		P
	Temperature rise not exceed values shown in table 9 (IEC 60335-2-40)	(See appended table)	P
	Electric strength test, test voltage as specified in table 4 (IEC 60335-2-40)		P
19.15	For appliances with a mains voltage selector switch, the switch is set to the lowest rated voltage position and the highest value of rated voltage is applied		N/A
19.101	All appliances provided with supplementary heaters and free air discharge subjected to specified test in each mode of operation (IEC 60335-2-40/A2)		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	During test temperature not exceed 150 °C but an overshoot of 25 °C is permitted during first hour (IEC 60335-2-40/A2)		N/A
20	STABILITY AND MECHANICAL HAZARDS		P
20.1	Appliances having adequate stability		P
	Tilting test through an angle of 10°, appliance placed on an inclined plane/horizontal support, not connected to the supply mains; appliance does not overturn	Fixed appliance	N/A
	Tilting test repeated on appliances with heating elements, angle of inclination increased to 15°		N/A
	Possible heating test in overturned position; temperature rise does not exceed values shown in table 9		N/A
20.2	Moving parts adequately arranged or enclosed as to provide protection against personal injury		P
	Protective enclosures, guards and similar parts are non-detachable, and		P
	have adequate mechanical strength		P
	Enclosures that can be opened by overriding an interlock are considered to be detachable parts		P
	Self-resetting thermal cut-outs and overcurrent protective devices not causing a hazard by unexpected closure		N/A
	Not possible to touch dangerous moving parts with the test probe described		P
21	MECHANICAL STRENGTH		P
21.1	Appliance has adequate mechanical strength and is constructed as to withstand rough handling		P
	Checked by applying 3 blows to every point of the enclosure like to be weak, in accordance with test Ehb of IEC 60068-2-75, spring hammer test, with an impact energy of 0,5 J	(see appended table)	P
	The appliance shows no damage impairing compliance with this standard, and		P
	compliance with 8.1, 15.1 and clause 29 not impaired		P
	If doubt, supplementary or reinforced insulation subjected to the electric strength test of 16.3		N/A
	If necessary, repetition of groups of three blows on a new sample		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Safety requirements specified in annex EE applied. Pressure test in annex EE applies to parts other than pressure vessels (IEC 60335-2-40/A1)		P
	Safety requirements of ISO 5149 applied (IEC 60335-2-40/A2)	No damage was observed	P
21.2	Accessible parts of solid insulation having strength to prevent penetration by sharp implements		P
	Test not applicable if the thickness of supplementary insulation is at least 1 mm and reinforced insulation at least 2 mm		P
	The insulation is tested as specified, and does withstand the electric strength test of 16.3		P
22	CONSTRUCTION		P
22.1	Appliance marked with the first numeral of the IP system, relevant requirements of IEC 60529 are fulfilled	IPX4 (Outdoor unit)	N/A
22.2	Stationary appliance: means to ensure all-pole disconnection from the supply being provided:		P
	- a supply cord fitted with a plug, or		N/A
	- a switch complying with 24.3, or		N/A
	- a statement in the instruction sheet that a disconnection incorporated in the fixed wiring is to be provided, or		P
	- an appliance inlet		N/A
	Singe-pole switches and single-pole protective devices for the disconnection of heating elements in single-phase, permanently connected class 01 and class I appliances, connected to the phase conductor		N/A
22.3	Appliance provided with pins: no undue strain on socket-outlets	No such appliance	N/A
	Applied torque not exceeding 0,25 Nm		N/A
	Pull force of 50 N to each pin after the appliance has being placed in the heating cabinet; when cooled to room temperature the pins are not displaced by more than 1 mm		N/A
	Each pin subjected to a torque of 0,4 Nm; the pins are not rotating, unless		N/A
	rotating does not impair compliance with this standard		N/A
22.4	Appliance for heating liquids and appliance causing undue vibration not provided with pins for insertion into socket-outlets	No such appliance	N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
22.5	No risk of electric shock when touching the pins of the plug, for appliances having a capacitor with rated capacitance exceeding 0,1 µF, the appliance being disconnected from the supply at the instant of voltage peak	No such plug	N/A
	Voltage not exceeding 34 V (V)............................:		N/A
22.6	Electrical insulation not affected by condensing water or leaking liquid		P
	Electrical insulation of class II appliances not affected if a hose ruptures or seal leaks		P
	In case of doubt, test as described		P
	Electrical insulation not affected by snow penetration to appliance enclosure (IEC 60335-2-40)		P
22.7	Adequate safeguards against the risk of excessive pressure in appliances containing liquid or gases or having steam-producing devices		P
22.8	Electrical connections not subject to pulling during cleaning of compartments to which access can be gained without the aid of a tool, and that are likely to be cleaned in normal use		P
22.9	Insulation, internal wiring, windings, commutators and slip rings not exposed to oil, grease or similar substances, unless		P
	the substance has adequate insulating properties		N/A
22.10	Not possible to reset voltage-maintained non-self-resetting thermal cut-outs by the operation of an automatic switching device incorporated within the appliance, if:		N/A
	- a non-self-resetting thermal cut-out is required by the standard, and		N/A
	- a voltage maintained non-self-resetting thermal cut-out is used to meet it		N/A
	Non-self-resetting thermal motor protectors have a trip-free action, unless		N/A
	they are voltage maintained		N/A
	Reset buttons of non-self-resetting controls so located or protected that accidental resetting is unlikely		N/A
22.11	Reliable fixing of non-detachable parts that provide the necessary degree of protection against electric shock, moisture or contact with moving parts		P
	Obvious locked position of snap-in devices used for fixing such parts		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	No deterioration of the fixing properties of snap-in devices used in parts that are likely to be removed during installation or servicing		N/A
	Tests as described		P
22.12	Handles, knobs etc. fixed in a reliable manner		N/A
	Fixing in wrong position of handles, knobs etc. indicating position of switches or similar components not possible		N/A
	Axial force 15 N applied to parts, the shape being so that an axial pull is unlikely to be applied		N/A
	Axial force 30 N applied to parts, the shape being so that an axial pull is likely to be applied		N/A
22.13	Unlikely that handles, when gripped as in normal use, make the operator's hand touch parts having a temperature rise exceeding the value specified for handles which are held for short periods only	No such construction	N/A
22.14	No ragged or sharp edges creating a hazard for the user in normal use, or during user maintenance		P
	No exposed pointed ends of self-tapping screws or other fasteners, likely to be touched by the user in normal use or during user maintenance		P
22.15	Storage hooks and the like for flexible cords smooth and well rounded		N/A
22.16	Automatic cord reels cause no undue abrasion or damage to the sheath of the flexible cord, no breakage of conductors strands and no undue wear of contacts		N/A
	Cord reel tested with 6000 operations, as specified		N/A
	Electric strength test of 16.3, voltage of 1000 V applied		N/A
22.17	Spacers not removable from the outside by hand or by means of a screwdriver or a spanner		N/A
22.18	Current-carrying parts and other metal parts resistant to corrosion		P
22.19	Driving belts not relied upon to provide the required level of insulation, unless	No such construction	N/A
	constructed to prevent inappropriate replacement		N/A
22.20	Direct contact between live parts and thermal insulation effectively prevented, unless	No thermal insulation employed in contact to live parts	N/A
	material used is non-corrosive, non-hygroscopic and non-combustible		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
22.21	Wood, cotton, silk, ordinary paper and fibrous or hygroscopic material not used as insulation, unless		P
	impregnated		N/A
	This requirement does not apply to magnesium oxide and mineral ceramic fibres used for the electrical insulation of heating elements		N/A
22.22	Appliances not containing asbestos		P
22.23	Oils containing polychlorinated biphenyl (PCB) not used		P
22.24	Bare heating elements adequately supported to prevent contact with accessible metal parts in case of rupture or sagging (IEC 60335-2-40)	No such bare heating element	N/A
	Bare heating elements only used with metal enclosures (wood or composite enclosures not allowed) (IEC 60335-2-40)		N/A
22.25	Sagging heating conductors, except in class III appliances or class III constructions that do not contain live parts, cannot come into contact with accessible metal parts	No such sagging heating conductor	N/A
22.26	For class III constructions the insulation between parts operating at safety extra-low voltage and other live parts complies with the requirements for double or reinforced insulation	No such SELV circuit	N/A
22.27	Parts connected by protective impedance separated by double or reinforced insulation	No such protective impedance	N/A
22.28	Metal parts of class II appliances conductively connected to gas pipes or in contact with water, separated from live parts by double or reinforced insulation	Class I appliance	N/A
22.29	Class II appliances permanently connected to fixed wiring so constructed that the required degree of access to live parts is maintained after installation	Class I appliance	N/A
22.30	Parts serving as supplementary or reinforced insulation fixed so that they cannot be removed without being seriously damaged, or		P
	so constructed that they cannot be replaced in an incorrect position, and so that if they are omitted, the appliance is rendered inoperable or manifestly incomplete		P
22.31	Neither clearances nor creepage distances over supplementary and reinforced insulation reduced below values specified in clause 29 as a result of wear		P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Neither clearances nor creepage distances between live parts and accessible parts reduced below values for supplementary insulation if wires, screws etc. become loose		P
22.32	Supplementary and reinforced insulation constructed or protected against pollution so that clearances or creepage distances are not reduced below the values in clause 29		P
	Supplementary insulation of natural or synthetic rubber resistant to ageing, or arranged and dimensioned so that creepage distances are not reduced below values specified in 29.2		N/A
	Ceramic material not tightly sintered, similar materials or beads alone not used as supplementary or reinforced insulation		N/A
	Insulating material in which heating conductors are embedded is considered to be basic insulation, not reinforced insulation		N/A
	Oxygen bomb test at 70 °C for 96 h and 16 h at room temperature		N/A
22.33	Conductive liquids that are or may become accessible in normal use and conductive liquids that are in contact with unearthed accessible metal parts are not in direct contact with live parts		N/A
	Electrodes not used for heating liquids		N/A
	For class II constructions, conductive liquids that are or may become accessible in normal use and conductive liquids that are in contact with unearthed accessible metal parts, not in direct contact with basic or reinforced insulation, unless		N/A
	the reinforced insulation consists of at least 3 layers		N/A
	For class II constructions, conductive liquids which are in contact with live parts, not in direct contact with reinforced insulation, unless		N/A
	the reinforced insulation consists of at least 3 layers		N/A
	An air layer not used as basic or supplementary insulation in a double insulation system if likely to be bridged by leaking liquid		N/A
22.34	Shafts of operating knobs, handles, levers etc. not live, unless		N/A
	the shaft is not accessible when the part is removed		N/A
22.35	For other than class III constructions, handles, levers and knobs, held or actuated in normal use, not becoming live in the event of a failure of basic insulation		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict
	Such parts being of metal, and their shafts or fixings are likely to become live in the event of a failure of basic insulation, are either adequately covered by insulation material or their accessible parts are separated from their shafts or fixings by supplementary insulation		N/A
	This requirement does not apply to handles, levers and knobs on stationary appliances, other than those of electrical components, provided they are reliably connected to an earthing terminal or earthing contact, or separated from live parts by earthed metal		N/A
	Insulating material covering metal handles, levers and knobs withstand the electric strength test of 16.3 for supplementary insulation		N/A
22.36	For appliances other than class III, handles continuously held in the hand in normal use so constructed that when gripped as in normal use, the operators hand is not likely to touch metal parts, unless		N/A
	they are separated from live parts by double or reinforced insulation		N/A
22.37	Capacitors in class II appliances not connected to accessible metal parts and their casings, if of metal, separated from accessible metal parts by supplementary insulation, unless	Class I appliance	N/A
	the capacitors comply with 22.42		N/A
22.38	Capacitors not connected between the contacts of a thermal cut-out		P
22.39	Lamp holders used only for the connection of lamps		N/A
22.40	Motor-operated appliances and combined appliances intended to be moved while in operation, or having accessible moving parts, fitted with a switch to control the motor. The actuating member of the switch being easily visible and accessible	Fixed appliance	N/A
	If the appliance cannot operate continuously, automatically or remotely without giving rise to a hazard, appliances for remote operation being fitted with a switch for stopping the operation. The actuating member of the switch being easily visible and accessible		N/A
22.41	No components, other than lamps, containing mercury		P
22.42	Protective impedance consisting of at least two separate components	No such construction	N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Values specified in 8.1.4 not exceeded if any one of the components are short-circuited or open-circuited		N/A
	Resistors checked by the test of 14.1 a) in IEC 60065		N/A
	Capacitors checked by the tests for class Y capacitors in IEC 60384-14		N/A
22.43	Appliances adjustable for different voltages, accidental changing of the setting of the voltage unlikely to occur		N/A
22.44	Appliances not having an enclosure that is shaped or decorated like a toy		P
22.45	When air is used as reinforced insulation, clearances not reduced below the values specified in 29.1.3 due to deformation as a result of an external force applied to the enclosure		P
22.46	For programmable protective electronic circuits used to ensure compliance with the standard, the software contains measures to control the fault/error conditions in table R.1		N/A
	Software that contains measures to control the fault/error conditions specified in table R.2 is to be specified in parts 2 for particular constructions or to address specific hazards		N/A
	These requirements are not applicable to software used for functional purpose or compliance with clause 11		N/A
22.47	Appliances connected to the water mains withstand the water pressure expected in normal use		N/A
	No leakage from any part, including any inlet water hose		N/A
22.48	Appliances connected to the water mains constructed to prevent backsiphonage of non-potable water		N/A
22.49	For remote operation, the duration of operation is to be set before the appliance can be started, unless	No such construction	N/A
	the appliance switches off automatically or can operate continuously without hazard		N/A
22.50	Controls incorporated in the appliance take priority over controls actuated by remote operation		N/A
22.51	There is a control on the appliance manually adjusted to the setting for remote operation before the appliance can be operated in this mode		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	There is a visual indication showing that the appliance is adjusted for remote operation		N/A
	These requirements not necessary on appliances that can operate as follows, without giving rise to a hazard:		N/A
	- continuously, or		N/A
	- automatically, or		N/A
	- remotely		N/A
22.52	Socket-outlets on appliances accessible to the user in accordance with the socket-outlet system used in the country in which the appliance is sold		N/A
22.101	Appliances intended to be fixed, securely fixed (IEC 60335-2-40)		P
22.102.1	At least two thermal cut-outs in appliances with supplementary heating elements for air (first one be self-resetting and other non-self-resetting thermal cut-out) (IEC 60335-2-40/A2)	No such construction	N/A
22.102.2	Appliances provided with supplementary heaters for water incorporate non-self-resetting thermal cut-out, providing all-pole disconnection that operates separately from water thermostats (IEC 60335-2-40/A2)		N/A
	However, for appliances intended to be connected to fixed wiring, the neutral conductor need not be disconnected (IEC 60335-2-40/A2)		N/A
22.102.3	Thermal cut-outs of capillary type open in event of leakage from capillary tube (IEC 60335-2-40/A2)		N/A
22.103	Non-self-resetting cut-outs independent of other control devices (IEC 60335-2-40)		N/A
22.104	Containers of sanitary hot water heat pumps withstand twice permissible operating pressure in closed containers (IEC 60335-2-40) or	No such construction	N/A
	0,15 MPa in open containers (IEC 60335-2-40)		N/A
	without leakage or rupture (IEC 60335-2-40)		N/A
22.105	Air or vapour cushion in closed containers not exceeding 10 % (IEC 60335-2-40)		N/A
22.106	Pressure relief devices operating at 0,1 MPa over permissible operating pressure (IEC 60335-2-40)		N/A
22.107	Water outlet systems of open containers free from obstruction causing over-pressure (IEC 60335-2-40)		N/A
	Vented containers of sanitary hot water heat pumps always open to the atmosphere through appropriate aperture (IEC 60335-2-40)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.108	Not vented open containers subjected to test in accordance with clause 22.104 to vacuum of 33 kPa for 15 min (IEC 60335-2-40)	No such construction	N/A
	Container show no deformation which result in a hazard (IEC 60335-2-40)		N/A
22.109	Replacement of non-self-resetting thermal cut-outs does not damage other connections (IEC 60335-2-40)		N/A
22.110	Non-self-resetting thermal cut-outs operate without short-circuiting live parts of different potential and without causing contact between live parts and enclosure (IEC 60335-2-40)		N/A
	Test repeated five times without blowing 3 A fuse which connects appliance to earth (IEC 60335-2-40)		N/A
	Electric strength test as specified in clause 16.3 for supplementary heating elements (IEC 60335-2-40)		N/A
22.111	Manual resetting of thermostats not necessary after power supply interruption (IEC 60335-2-40)		P
22.112	Construction of refrigerating system comply with requirements of Section 3 of ISO 5149 (IEC 60335-2-40/A1)		P
22.113	Flammable refrigerant used, refrigerant tubing protected or enclosed to avoid mechanical damage (IEC 60335-2-40/A1)		N/A
	Tubing protected to extent that it will not be handled or used for carrying during moving of product (IEC 60335-2-40/A1)		N/A
	Tubing located within confines of cabinet considered to be protected from mechanical damage (IEC 60335-2-40/A1)		N/A
22.114	Flammable refrigerant used, low temperature solder alloys, such as lead/tin alloys, not acceptable for pipe connections (IEC 60335-2-40/A1)		N/A
22.115	Total refrigerant mass (M) of all refrigerating systems within appliance employing flammable refrigerants, not exceed m_3 defined in annex GG (IEC 60335-2-40/A1)		N/A
22.116	Appliances using flammable refrigerants constructed that any leaked refrigerant not flow or stagnate so as to cause fire or explosion hazard in areas within appliance where electrical components, which could be a source of ignition and which could function under normal conditions or in event of leak, fitted (IEC 60335-2-40/A1)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Separate components, such as thermostats, which charged with less than 0,5 g of flammable gas not considered to cause fire or explosion hazard in event of leakage of gas within component itself (IEC 60335-2-40/A1)		N/A
	All electrical components that could be a source of ignition and which could function under normal conditions or in the event of a leak, comply with one of the following (IEC 60335-2-40/A1):		N/A
	- IEC 60079-15:2001, Cl. 9 to 26, for group IIA gases or the refrigerant used or an applicable standard that makes electrical components suitable for use in Zone 2, 1 or 0 as defined in IEC 60079-14 (IEC 60335-2-40/A1)		N/A
	- Not be located in an area where a potentially flammable gas mixture will accumulate as demonstrated by the test of annex FF (IEC 60335-2-40/A1)		N/A
	- Be located in an enclosure. The enclosure containing the electrical components comply with IEC 60079-15:2001 for enclosures suitable for use with group IIA gases or the refrigerant used (IEC 60335-2-40/A1)		N/A
22.117	Temperatures on surfaces that exposed to leakage of flammable refrigerants not exceed auto-ignition temperature of refrigerant reduced by 100 K; some typical values given in annex BB (IEC 60335-2-40/A1)		N/A
22.118	Flammable refrigerant used, all appliances charged with refrigerant at manufacturing location or charged on site as recommended by manufacturer (IEC 60335-2-40/A1)		N/A
	Part of appliance that charged on site, which requires brazing or welding in installation not shipped with flammable refrigerant charge. Joints made in installation between parts of refrigerating system, with at least one part charged, made in accordance with following (IEC 60335-2-40/A1):		N/A
	- A brazed, welded, or mechanical connection shall be made before opening the valves to permit refrigerant to flow between the refrigerating system parts. A vacuum valve shall be provided to evacuate the interconnecting pipe and/or any uncharged refrigerating system part (IEC 60335-2-40/A1)		N/A
	- Reusable mechanical connectors and flared joints are not allowed indoors (IEC 60335-2-40/A1)		N/A
	- Refrigerant tubing shall be protected or enclosed to avoid damage (IEC 60335-2-40/A1)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Flexible refrigerant connectors (such as connecting lines between the indoor and outdoor unit) that may be displaced during normal operations shall be protected against mechanical damage (IEC 60335-2-40/A1)		N/A
23	INTERNAL WIRING		P
23.1	Wireways smooth and free from sharp edges		P
	Wires protected against contact with burrs, cooling fins etc.		P
	Wire holes in metal well-rounded or provided with bushings		P
	Wiring effectively prevented from coming into contact with moving parts		P
23.2	Beads etc. on live wires cannot change their position, and are not resting on sharp edges		N/A
	Beads inside flexible metal conduits contained within an insulating sleeve		N/A
23.3	Electrical connections and internal conductors movable relatively to each other not exposed to undue stress	No such construction	N/A
	Flexible metallic tubes not causing damage to insulation of conductors		N/A
	Open-coil springs not used		N/A
	Adequate insulating lining provided inside a coiled spring, the turns of which touch one another		N/A
	No damage after 10 000 flexings for conductors flexed during normal use, or		N/A
	100 flexings for conductors flexed during user maintenance		N/A
	Electric strength test of 16.3, 1000 V between live parts and accessible metal parts		N/A
	Not more than 10 % of the strands of any conductor broken, and		N/A
	not more than 30 % for wiring supplying circuits that consume no more than 15 W		N/A
23.4	Bare internal wiring sufficiently rigid and fixed		N/A
23.5	The insulation of internal wiring subjected to the supply mains voltage withstanding the electrical stress likely to occur in normal use		P
	Basic insulation electrically equivalent to the basic insulation of cords complying with IEC 60227 or IEC 60245, or		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	no breakdown when a voltage of 2000 V is applied for 15 min between the conductor and metal foil wrapped around the insulation		P
23.6	Sleeving used as supplementary insulation on internal wiring retained in position by clamping at both ends, or		P
	be such that it can only be removed by breaking or cutting		P
23.7	The colour combination green/yellow only used for earthing conductors		P
23.8	Aluminium wires not used for internal wiring		P
23.9	Stranded conductors not consolidated by soldering where they are subjected to contact pressure, unless		P
	the contact pressure is provided by spring terminals		N/A
23.10	The insulation and sheath of internal wiring, incorporated in external hoses for the connection of an appliance to the water mains, at least equivalent to that of light polyvinyl chloride sheathed flexible cord (60227 IEC 52)		N/A
24	COMPONENTS		P
24.1	Components comply with safety requirements in relevant IEC standards		P
	List of components ....:	(see appended table)	P
	If components have not been tested and found to comply with relevant IEC standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P
	For components mentioned in 24.1.1 to 24.1.9 no additional tests specified in the relevant component standard are necessary other than those specified in 24.1.1 to 24.1.9		P
	Components not tested and found to comply with relevant IEC standard and components not marked or not used in accordance with its marking, tested under the conditions occurring in the appliance		P
	Lampholders and starterholders that have not being tested and found to comply with the relevant IEC standard, tested as a part of the appliance and additionally according to the gauging and interchangeability requirements of the relevant IEC standard	No such construction	N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	No additional tests specified for nationally standardized plugs such as those detailed in IEC/TR 60083 or connectors complying with the standard sheets of IEC 60320-1 and IEC 60309		N/A
	Motor-compressors not tested according to IEC 60335-2-34 (not necessary to meet all requirements of IEC 60335-2-34) (IEC 60335-2-40)		P
24.1.1	Capacitors likely to be permanently subjected to the supply voltage and used for radio interference suppression or for voltage dividing, complying with IEC 60384-14		P
	If the capacitors have to be tested, they are tested according to annex F		N/A
24.1.2	Safety isolating transformers complying with IEC 61558-2-6	No such isolating transformer	N/A
	If they have to be tested, they are tested according to annex G		N/A
24.1.3	Switches complying with IEC 61058-1, the number of cycles of operation being at least 10 000		N/A
	If they have to be tested, they are tested according to annex H		N/A
	If the switch operates a relay or contactor, the complete switching system is subjected to the test		N/A
	If the switch only operates a motor staring relay complying with IEC 60730-2-10 with the number of cycles of a least 10 000 as specified, the complete switching system need not be tested		N/A
24.1.4	Automatic controls complying with IEC 60730-1 with the relevant part 2. The number of cycles of operation being at least:		N/A
	- thermostats:... 10 000		N/A
	- temperature limiters:.................................... 1 000		N/A
	- self-resetting thermal cut-outs:......................... 300		N/A
	- voltage maintained non-self-resetting thermal cut-outs: 1 000		N/A
	- other non-self-resetting thermal cut-outs:...........30		N/A
	- timers:.. 3 000		N/A
	- energy regulators: 10 000		N/A
	- thermostats which control motor-compressor (IEC/EN 60335-2-40):..............................100 000		N/A
	- motor-compressor starting relays (IEC/EN 60335-2-40):..............................100 000		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- automatic thermal motor-protectors for hermetic and semi-hermetic type motor-compressors (not less than number of operations during locked rotor test) (IEC/EN 60335-2-40): ....min 2000		N/A
	- manual reset thermal motor-protectors for hermetic and semi-hermetic type motor-compressors (IEC/EN 60335-2-40): 50		P
	- other automatic thermal motor-protectors (IEC/EN 60335-2-40):..................................2000		N/A
	- other manual reset thermal motor-protectors (IEC/EN 60335-2-40):.......................................30		N/A
	The number of cycles for controls operating during clause 11 need not be declared, if the appliance meets the requirements of this standard when they are short-circuited		N/A
	Thermal motor protectors are tested in combination with their motor under the conditions specified in annex D		N/A
	For water valves containing live parts and that are incorporated in external hoses for connection of an appliance to the water mains, the degree of protection declared for subclause 6.5.2 of IEC 60730-2-8 is IPX7		N/A
24.1.5	Appliance couplers complying with IEC 60320-1	No such construction	N/A
	However, for appliances classified higher than IPX0, the appliance couplers complying with IEC 60320-2-3		N/A
	Interconnection couplers complying with IEC 60320-2-2		N/A
24.1.6	Small lamp holders similar to E10 lampholders complying with IEC 60238, the requirements for E10 lampholders being applicable	No such construction	N/A
24.1.7	For remote operation of the appliance via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is IEC 62151		N/A
24.1.8	The relevant standard for thermal links is IEC 60691		N/A
	Thermal links not complying with IEC 60691 are considered to be an intentionally weak part for the purposes of clause 19		N/A
24.1.9	Contactors and relays, other than motor starting relays, tested as part of the appliance		P

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Clause	Requirement + Test	Result - Remark	Verdict
	They are also tested in accordance with clause 17 of IEC 60730-1, the number of cycles of operations in 24.1.4 selected according to the contactor or relay function in the appliance...............................:	Approved relays used	P
24.2	Appliances not fitted with:		P
	- switches or automatic controls in flexible cords		P
	- devices causing the protective device in the fixed wiring to operate in the event of a fault in the appliance		P
	- thermal cut-outs that can be reset by soldering, unless		P
	the solder has a melding point of at least 230 °C		N/A
24.3	Switches intended for all-pole disconnection of stationary appliances are directly connected to the supply terminals and have a contact separation in all poles, providing full disconnection under overvoltage category III conditions	See installation manual	P
24.4	Plugs and socket-outlets for extra-low voltage circuits and heating elements, not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1 or with connectors and appliance inlets complying with the standard sheets of IEC 60320-1		N/A
24.5	Capacitors in auxiliary windings of motors marked with their rated voltage and capacitance, and used accordingly	No such construction	N/A
	Voltage across capacitors in series with a motor winding does not exceed 1,1 times rated voltage, when the appliance is supplied at 1,1 times rated voltage under minimum load		N/A
24.6	Working voltage of motors connected to the supply mains and having basic insulation that is inadequate for the rated voltage of the appliance, not exceeding 42 V		N/A
	In addition, the motors comply with the requirements of annex I		N/A
24.7	Detachable hose-sets for connection of appliances to the water mains comply with IEC 61770		N/A
	They are supplied with the appliance		N/A
	Appliances intended to be permanently connected to the water mains not connected by a detachable hose-set		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
24.8	Motor running capacitors in appliances for which 30.2.3 is applicable and that are permanently connected in series with a motor winding, not causing a hazard in event of a failure		N/A
	One or more of the following conditions are to be met:		N/A
	- the capacitors are of class P2 according to IEC 60252-1		N/A
	- the capacitors are housed within a metallic or ceramic enclosure		N/A
	- the distance of separation of the outer surface to adjacent non-metallic parts exceeds 50 mm		N/A
	- adjacent non-metallic parts within 50 mm withstand the needle-flame test of annex E		N/A
	- adjacent non-metallic parts within 50 mm classified as at least V-1 according to IEC 60695-11-10		N/A
24.101	Replaceable parts of thermal control devices identified by marking (IEC 60335-2-40)	No such construction	N/A
25	SUPPLY CONNECTION AND EXTERNAL FLEXIBLE CORDS		P
25.1	Appliance not intended for permanent connection to fixed wiring, means for connection to the supply:		N/A
	- supply cord fitted with a plug,		N/A
	- an appliance inlet having at least the same degree of protection against moisture as required for the appliance, or		N/A
	- pins for insertion into socket-outlets		N/A
	Supply cord fitted with plug provided, if (IEC 60335-2-40):		N/A
	- appliance only for indoor use (IEC 60335-2-40),		N/A
	- marked with rating of 25 A or less and (IEC 60335-2-40)		N/A
	- complies with code requirements of country where it will be used (IEC 60335-2-40).		N/A
	Appliance inlet not allowed (IEC 60335-2-40)		N/A
25.2	Appliance not provided with more than one means of connection to the supply mains	Single supply	P
	Stationary appliance for multiple supply may be provided with more than one means of connection, provided electric strength test of 1250 V for 1 min between each means of connection causes no breakdown	No such construction	N/A
25.3	Appliance intended to be permanently connected to fixed wiring provided with one of the following means for connection to the supply mains:		P

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Clause	Requirement + Test	Result - Remark	Verdict
	- a set of terminals allowing the connection of a flexible cord		N/A
	- a fitted supply cord		N/A
	- a set of supply leads accommodated in a suitable compartment		N/A
	- a set of terminals for the connection of cables of fixed wiring, cross-sectional areas specified in 26.6, and the appliance allows the connection of the supply conductors after the appliance has been fixed to its support		P
	- a set of terminals and cable entries, conduit entries, knock-outs or glands, allowing connection of appropriate types of cable or conduit, and the appliance allows the connection of the supply conductors after the appliance has been fixed to its support		N/A
	For a fixed appliance constructed so that parts can be removed to facilitate easy installation, this requirement is met if it is possible to connect the fixed wiring without difficulty after a part of the appliance has been fixed to its support		P
25.4	Cable and conduit entries, rated current of appliance not exceeding 16 A, dimension according to table 10 (mm) ....:		N/A
	Introduction of conduit or cable does not reduce clearances or creepage distances below values specified in clause 29		N/A
25.5	Method for assembling the supply cord to the appliance:		N/A
	- type X attachment		N/A
	- type Y attachment		N/A
	- type Z attachment, if allowed in relevant part 2		N/A
	Type X attachment, other than those with a specially prepared cord, not used for flat twin tinsel cords		N/A
	For multi-phase appliances supplied with a supply cord and that are intended to be permanently connected to fixed wiring, the supply cord is assembled to the appliance by type Y attachment		N/A
25.6	Plugs fitted with only one flexible cord		N/A
25.7	Supply cords, other than for class III appliances, being one of the following types:		P
	- rubber sheathed (at least 60245 IEC 53)		N/A
	- polychloroprene sheathed (at least 60245 IEC 57)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- cross-linked polyvinyl chloride sheathed (at least 60245 IEC 88)		N/A
	- polyvinyl chloride sheathed. Not used if they are likely to touch metal parts having a temperature rise exceeding 75 K during the test of clause 11		N/A
	- light polyvinyl chloride sheathed cord (60227 IEC 52), for appliances not exceeding 3 kg		N/A
	- ordinary polyvinyl chloride sheathed cord (60227 IEC 53), for other appliances		N/A
	- heat resistant polyvinyl chloride sheathed. Not used for type X attachment other than specially prepared cords		N/A
	- heat-resistant light polyvinyl chloride sheathed cord (60227 IEC 56), for appliances not exceeding 3 kg		N/A
	- heat-resistant polyvinyl chloride sheathed cord (60227 IEC 57), for other appliances		N/A
	Supply cords for class III appliances adequately insulated		N/A
	Test with 500 V for 2 min for supply cords of class III appliances that contain live parts		N/A
	Supply cords for outdoor use not lighter than polychloroprene sheathed flexible cord (60245 IEC 57) (IEC 60335-2-40)		P
25.8	Nominal cross-sectional area of supply cords not less than table 11; rated current (A); cross-sectional area (mm²) ....:	See installation manual	P
25.9	Supply cords not in contact with sharp points or edges		P
25.10	Supply cord of class I appliances have a green/yellow core for earthing		P
25.11	Conductors of supply cords not consolidated by soldering where they are subject to contact pressure, unless		P
	the contact pressure is provided by spring terminals		N/A
25.12	Insulation of the supply cord not damaged when moulding the cord to part of the enclosure		N/A
25.13	Inlet openings so constructed as to prevent damage to the supply cord		P
	If the enclosure at the inlet opening is not of insulating material, a non-detachable lining or bushing complying with 29.3 for supplementary insulation provided		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	If unsheathed supply cord, a similar additional bushing or lining is required, unless the appliance is		N/A
	class 0, or		N/A
	a class III appliance not containing live parts		N/A
25.14	Supply cords moved while in operation adequately protected against excessive flexing		N/A
	Flexing test, as described:		N/A
	- applied force (N)..:		N/A
	- number of flexings..:		N/A
	The test does not result in:		N/A
	- short-circuit between the conductors, such that the current exceeds a value of twice the rated current		N/A
	- breakage of more than 10 % of the strands of any conductor		N/A
	- separation of the conductor from its terminal		N/A
	- loosening of any cord guard		N/A
	- damage to the cord or the cord guard		N/A
	- broken strands piercing the insulation and becoming accessible		N/A
25.15	For appliances with supply cord and appliances to be permanently connected to fixed wiring by a flexible cord, conductors of the supply cord relieved from strain, twisting and abrasion by use of cord anchorage	Cord anchorage provided	P
	The cord cannot be pushed into the appliance to such an extent that the cord or internal parts of the appliance can be damaged		P
	Pull and torque test of supply cord, values shown in table 12: mass (kg); pull (N); torque (not on automatic cord reel) (Nm) ....:	100N; 0.35Nm	P
	Cord not damaged and max. 2 mm displacement of the cord		P
25.16	Cord anchorages for type X attachments constructed and located so that:		N/A
	- replacement of the cord is easily possible		N/A
	- it is clear how the relief from strain and the prevention of twisting are obtained		N/A
	- they are suitable for different types of supply cord		N/A
	- cord cannot touch the clamping screws of cord anchorage if these screws are accessible, unless		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	they are separated from accessible metal parts by supplementary insulation		N/A
	- the cord is not clamped by a metal screw which bears directly on the cord		N/A
	- at least one part of the cord anchorage securely fixed to the appliance, unless		N/A
	it is part of a specially prepared cord		N/A
	- screws which have to be operated when replacing the cord do not fix any other component, unless		N/A
	the appliance becomes inoperative or incomplete or the parts cannot be removed without a tool		N/A
	- if labyrinths can be bypassed the test of 25.15 is nevertheless withstood		N/A
	- for class 0, 0I and I appliances they are of insulating material or are provided with an insulating lining, unless		N/A
	failure of the insulation of the cord does not make accessible metal parts live		N/A
	- for class II appliances they are of insulating material, or		N/A
	if of metal, they are insulated from accessible metal parts by supplementary insulation		N/A
	After the test of 25.15, under the conditions specified, the conductors have not moved by more than 1 mm in the terminals		N/A
25.17	Adequate cord anchorages for type Y and Z attachment, test with the cord supplied with the appliance	Fixed wiring	N/A
25.18	Cord anchorages only accessible with the aid of a tool, or		P
	Constructed so that the cord can only be fitted with the aid of a tool		P
25.19	Type X attachment, glands not used as cord anchorage in portable appliances		N/A
	Tying the cord into a knot or tying the cord with string not used		N/A
25.20	The insulated conductors of the supply cord for type Y and Z attachment additionally insulated from accessible metal parts		N/A
25.21	Space for supply cord for type X attachment or for connection of fixed wiring constructed:		P

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Clause	Requirement + Test	Result - Remark	Verdict
	- to permit checking of conductors with respect to correct positioning and connection before fitting any cover		P
	- so there is no risk of damage to the conductors or their insulation when fitting the cover		P
	- for portable appliances, so that the uninsulated end of a conductor, if it becomes free from the terminal, prevented from contact with accessible metal parts	No such appliance	N/A
	2 N test to the conductor for portable appliances; no contact with accessible metal parts		N/A
25.22	Appliance inlets:		N/A
	- live parts not accessible during insertion or removal		N/A
	Requirement not applicable to appliance inlets complying with IEC 60320-1		N/A
	- connector can be inserted without difficulty		N/A
	- the appliance is not supported by the connector		N/A
	- not for cold conditions if temp. rise of external metal parts exceeds 75 K during clause 11, unless		N/A
	the supply cord is unlikely to touch such metal parts		N/A
25.23	Interconnection cords comply with the requirements for the supply cord, except that:		P
	- the cross-sectional area of the conductors is determined on the basis of the maximum current during clause 11		P
	- the thickness of the insulation may be reduced		N/A
	If necessary, electric strength test of 16.3		N/A
25.24	Interconnection cords not detachable without the aid of a tool if compliance with this standard is impaired when they are disconnected		N/A
25.25	Dimensions of pins that are inserted into socket-outlets compatible with the dimensions of the relevant socket-outlet.		N/A
	Dimensions of pins and engagement face in accordance with the dimensions of the relevant plug in IEC/TR 60083		N/A
26	TERMINALS FOR EXTERNAL CONDUCTORS		P
26.1	Appliances provided with terminals or equally effective devices for connection of external conductors		P

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Clause	Requirement + Test	Result - Remark	Verdict
	Terminals only accessible after removal of a non-detachable cover, except		P
	for class III appliances that do not contain live parts		N/A
	Earthing terminals may be accessible if a tool is required to make the connections and means are provided to clamp the wire independently from its connection		N/A
26.2	Appliances with type X attachment and appliances for the connection of cables to fixed wiring provided with terminals in which connections are made by means of screws, nuts or similar devices, unless		P
	the connections are soldered		N/A
	Screws and nuts not used to fix any other component, except		P
	internal conductors, if so arranged that they are unlikely to be displaced when fitting the supply conductors		N/A
	If soldered connections used, the conductor so positioned or fixed that reliance is not placed on soldering alone, unless		N/A
	barriers provided so that neither clearances nor creepage distances between live parts and other metal parts reduced below the values for supplementary insulation if the conductor becomes free at the soldered joint		N/A
26.3	Terminals for type X attachment and for connection of cables of fixed wiring so constructed that the conductor is clamped between metal surfaces with sufficient contact pressure but without damaging the conductor		P
	Terminals fixed so that when the clamping means is tightened or loosened:		P
	- the terminal does not become loose		P
	- internal wiring is not subjected to stress		P
	- neither clearances nor creepage distances are reduced below the values in clause 29		P
	Compliance checked by inspection and by the test of subclause 9.6 of IEC 60999-1, the torque applied being equal to two-thirds of the torque specified (Nm) ....:		P
	No deep or sharp indentations of the conductors		P

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Clause	Requirement + Test	Result - Remark	Verdict
26.4	Terminals for type X attachment, except those having a specially prepared cord and those for the connection of cables of fixed wiring, no special preparation of conductors such as by soldering, use of cable lugs, eyelets or similar, and		P
	so constructed or placed that conductors prevented from slipping out when clamping screws or nuts are tightened		N/A
26.5	Terminals for type X attachment so located or shielded that if a wire of a stranded conductor escapes, no risk of accidental connection to other parts that result in a hazard		N/A
	Stranded conductor test, 8 mm insulation removed		N/A
	No contact between live parts and accessible metal parts and,		N/A
	for class II constructions, between live parts and metal parts separated from accessible metal parts by supplementary insulation only		N/A
26.6	Terminals for type X attachment and for connection of cables of fixed wiring suitable for connection of conductors with cross-sectional area according to table 13; rated current (A); nominal cross-sectional area (mm^2) ....:	See installation manual	P
	If a specially prepared cord is used, terminals need only be suitable for that cord		N/A
26.7	Terminals for type X attachment, except in class III appliances not containing live parts, accessible after removal of a cover or part of the enclosure		N/A
26.8	Terminals for the connection of fixed wiring, including the earthing terminal, located close to each other		P
26.9	Terminals of the pillar type constructed and located as specified		N/A
26.10	Terminals with screw clamping and screwless terminals not used for flat twin tinsel cords, unless		N/A
	conductors ends fitted with means suitable for screw terminals		N/A
	Pull test of 5 N to the connection		N/A
26.11	For type Y and Z attachment, soldered, welded, crimped or similar connections may be used		N/A
	For class II appliances, the conductor so positioned or fixed that reliance is not placed on soldering, welding or crimping alone		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	If soldering, welding or crimping alone used, barriers provided so that clearances and creepage distances between live parts and other metal parts are not reduced below the values for supplementary insulation if the conductor becomes free		N/A
27	PROVISION FOR EARTHING		P
27.1	Accessible metal parts of class 0I and I appliances permanently and reliably connected to an earthing terminal or earthing contact of the appliance inlet		P
	Earthing terminals and earthing contacts not connected to the neutral terminal		P
	Class 0, II and III appliances have no provision for earthing	Class I appliance	N/A
	Safety extra-low voltage circuits not earthed, unless	No such construction	N/A
	protective extra-low voltage circuits		N/A
27.2	Clamping means of earthing terminals adequately secured against accidental loosening		P
	Terminals for the connection of external equipotential bonding conductors allow connection of conductors of 2,5 to 6 mm², and	No such construction	N/A
	do not provide earthing continuity between different parts of the appliance, and		N/A
	conductors cannot be loosened without the aid of a tool		P
27.3	For a detachable part having an earth connection and being plugged into another part of the appliance, the earth connection is made before and separated after current-carrying connections when removing the part		N/A
	For appliances with supply cords, current-carrying conductors become taut before earthing conductor, if the cord slips out of the cord anchorage		N/A
27.4	No risk of corrosion resulting from contact between parts of the earthing terminal and the copper of the earthing conductor or other metal		P
	Parts providing earthing continuity, other than parts of a metal frame or enclosure, have adequate resistance to corrosion		P
	If of steel, these parts provided with an electroplated coating with a thickness at least 5 µm		P
	Adequate protection against rusting of parts of coated or uncoated steel, only intended to provide or transmit contact pressure		P

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Clause	Requirement + Test	Result - Remark	Verdict
	In the body of the earthing terminal is a part of a frame or enclosure of aluminium or aluminium alloys, precautions taken to avoid risk of corrosion	No such material	N/A
27.5	Low resistance of connection between earthing terminal and earthed metal parts		P
	This requirement does not apply to connections providing earthing continuity in the protective extra-low voltage circuit, provided the clearances of basic insulation are based on the rated voltage of the appliance	No such construction	N/A
	Resistance not exceeding 0,1 Ω at the specified low-resistance test (Ω) ....:	0.068Ω	P
27.6	The printed conductors of printed circuit boards not used to provide earthing continuity in hand-held appliances.		N/A
	They may be used to provide earthing continuity in other appliances if at least two tracks are used with independent soldering points and the appliance complies with 27.5 for each circuit		N/A
28	SCREWS AND CONNECTIONS		P
28.1	Fixings, electrical connections and connections providing earthing continuity withstand mechanical stresses		P
	Screws not of soft metal liable to creep, such as zinc or aluminium		P
	Diameter of screws of insulating material min. 3 mm	No such construction	N/A
	Screws of insulating material not used for any electrical connections or connections providing earthing continuity		P
	Screws used for electrical connections or connections providing earthing continuity screwed into metal		P
	Screws not of insulating material if their replacement by a metal screw can impair supplementary or reinforced insulation		N/A
	For type X attachment, screws to be removed for replacement of supply cord or for user maintenance, not of insulating material if their replacement by a metal screw impairs basic insulation		N/A
	For screws and nuts; torque-test as specified in table 14..:	(see appended table)	P

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Clause	Requirement + Test	Result - Remark	Verdict
28.2	Electrical connections and connections providing earthing continuity constructed so that contact pressure is not transmitted through non-ceramic insulating material liable to shrink or distort, unless		P
	there is resiliency in the metallic parts to compensate for shrinkage or distortion of the insulating material		N/A
	This requirement does not apply to electrical connections in circuits of appliances for which:		P
	- 30.2.2 is applicable and that carry a current not exceeding 0,5 A		N/A
	- 30.2.3 is applicable and that carry a current not exceeding 0,2 A		P
28.3	Space-threaded (sheet metal) screws only used for electrical connections if they clamp the parts together		P
	Thread-cutting (self-tapping) screws and thread rolling screws only used for electrical connections if they generate a full form standard machine screw thread	No such construction	N/A
	Thread-cutting (self-tapping) screws not used if they are likely to be operated by the user or installer		N/A
	Thread-cutting, thread rolling and space threaded screws may be used in connections providing earthing continuity provided it is not necessary to disturb the connection:		P
	- in normal use,		P
	- during user maintenance,		P
	- when replacing a supply cord having a type X attachment, or		N/A
	- during installation		P
	At least two screws being used for each connection providing earthing continuity, unless		P
	the screw forms a thread having a length of at least half the diameter of the screw		P
28.4	Screws and nuts that make mechanical connection secured against loosening if they also make electrical connections or connections providing earthing continuity		P
	This requirement does not apply to screws in the earthing circuit if at least two screws are used, or		P
	if an alternative earthing circuit is provided		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Rivets for electrical connections or connections providing earthing continuity secured against loosening if the connections are subjected to torsion		N/A
29	CLEARANCES, CREEPAGE DISTANCES AND SOLID INSULATION		P
	Clearances, creepage distances and solid insulation withstand electrical stress		P
	For coatings used on printed circuits boards to protect the microenvironment (Type 1) or to provide basic insulation (Type 2), annex J applies ....:		N/A
	The microenvironment is pollution degree 1 under type 1 protection		N/A
	For type 2 protection, the spacing between the conductors before the protection is applied is not less than the values specified in Table 1 of IEC 60664-3		N/A
	These values apply to functional, basic, supplementary and reinforced insulation ....:		N/A
	For motor-compressor not complying with IEC 60335-2-34, additions and modifications as specified (IEC 60335-2-40)		P
29.1	Clearances not less than the values specified in table 16, taking into account the rated impulse voltage for the overvoltage categories of table 15, unless...:	(see appended table)	P
	for basic insulation and functional insulation they comply with the impulse voltage test of clause 14		N/A
	However, if the distances are affected by wear, distortion, movement of the parts or during assembly, the clearances for rated impulse voltages of 1500 V and above are increased by 0,5 mm and the impulse voltage test is not applicable		N/A
	Impulse voltage test is not applicable:		N/A
	- when the microenvironment is pollution degree 3, or		N/A
	- for basic insulation of class 0 and class 01 appliances		N/A
	Appliances are in overvoltage category II		P
	A force of 2 N is applied to bare conductors, other than heating elements		P
	A force of 30 N is applied to accessible surfaces		P
29.1.1	Clearances of basic insulation withstand the overvoltages, taking into account the rated impulse voltage		P

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Clause	Requirement + Test	Result - Remark	Verdict
	The values of table 16 or the impulse voltage test of clause 14 are applicable.......................................:	(see appended table)	P
	Clearance at the terminals of tubular sheathed heating elements may be reduced to 1,0 mm if the microenvironment is pollution degree 1		N/A
	Lacquered conductors of windings considered to be bare conductors		P
29.1.2	Clearances of supplementary insulation not less than those specified for basic insulation in table 16 ....:	(see appended table)	P
29.1.3	Clearances of reinforced insulation not less than those specified for basic insulation in table 16, using the next higher step for rated impulse voltage ......:	(see appended table)	P
	For double insulation, with no intermediate conductive part between basic and supplementary insulation, clearances are measured between live parts and the accessible surface, and the insulation system is treated as reinforced insulation		P
29.1.4	Clearances for functional insulation are the largest values determined from:		P
	- table 16 based on the rated impulse voltage ......:	(see appended table)	P
	- table F.7a in IEC 60664-1, frequency not exceeding 30 kHz		N/A
	- clause 4 of IEC 60664-4, frequency exceeding 30 kHz		N/A
	If values of table 16 are largest, the impulse voltage test of clause 14 may be applied instead, unless		N/A
	the microenvironment is pollution degree 3, or		P
	the distances can be affected by wear, distortion, movement of the parts or during assembly		P
	However, clearances are not specified if the appliance complies with clause 19 with the functional insulation short-circuited		N/A
	Lacquered conductors of windings considered to be bare conductors		P
	However, clearances at crossover points are not measured		P
	Clearance between surfaces of PTC heating elements may be reduced to 1mm		N/A
29.1.5	Appliances having higher working voltages than rated voltage, clearances for basic insulation are the largest values determined from:		P
	- table 16 based on the rated impulse voltage ......:	(see appended table)	P
	- table F.7a in IEC 60664-1, frequency not exceeding 30 kHz		

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Clause	Requirement + Test	Result - Remark	Verdict
	- clause 4 of IEC 60664-4, frequency exceeding 30 kHz		N/A
	If clearances for basic insulation are selected from Table F.7a of IEC 60664-1 or clause 4 of IEC 60664-4, the clearances of supplementary insulation are not less than those specified for basic insulation		N/A
	If clearances for basic insulation are selected from Table F.7a of IEC 60664-1, the clearances of reinforced insulation dimensioned as specified in Table F.7a are to withstand 160% of the withstand voltage required for basic insulation		N/A
	If clearances for basic insulation are selected from clause 4 of IEC 60664-4, the clearances of reinforced insulation are twice the value required for basic insulation		N/A
	If the secondary winding of a step-down transformer is earthed, or if there is an earthed screen between the primary and secondary windings, clearances of basic insulation on the secondary side not less than those specified in table 16, but using the next lower step for rated impulse voltage		N/A
	Circuits supplied with a voltage lower than rated voltage, clearances of functional insulation are based on the working voltage used as the rated voltage in table 15		N/A
29.2	Creepage distances not less than those appropriate for the working voltage, taking into account the material group and the pollution degree................:	(see appended table)	P
	Pollution degree 2 applies, unless		P
	- precautions taken to protect the insulation; pollution degree 1		N/A
	- insulation subjected to conductive pollution; pollution degree 3		N/A
	A force of 2 N is applied to bare conductors, other than heating elements		P
	A force of 30 N is applied to accessible surfaces		P
	In a double insulation system, the working voltage for both the basic and supplementary insulation is taken as the working voltage across the complete double insulation system		P
	Insulation located in airflow, pollution degree 3 unless (IEC 60335-2-40)		N/A
	insulation enclosed or located so that unlikely to be exposed to pollution due to normal use (IEC 60335-2-40)		P

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Clause	Requirement + Test	Result - Remark	Verdict
29.2.1	Creepage distances of basic insulation not less than specified in table 17.....................................:	(see appended table)	P
	However, if the working voltage is periodic and has a frequency exceeding 30 kHz, the creepage distances are also determined from table 2 of IEC 60664-4, these values being used if exceeding the values in table 17 ....:		N/A
	Except for pollution degree 1, corresponding creepage distance not less than the minimum specified for the clearance in table 16, if the clearance has been checked according to the test of clause 14...:		N/A
29.2.2	Creepage distances of supplementary insulation at least those specified for basic insulation in table 17, or ....:	(see appended table)	P
	Table 2 of IEC 60664-4, as applicable..................:		
29.2.3	Creepage distances of reinforced insulation at least double those specified for basic insulation in table 17, or ....:	(see appended table)	P
	Table 2 of IEC 60664-4, as applicable..................:		N/A
29.2.4	Creepage distances of functional insulation not less than specified in table 18.....................................:	(see appended table)	P
	However, if the working voltage is periodic and has a frequency exceeding 30 kHz, the creepage distances are also determined from table 2 of IEC 60664-4, these values being used if exceeding the values in table 18 ....:		N/A
	Creepage distances may be reduced if the appliance complies with clause 19 with the functional insulation short-circuited		P
29.3	Supplementary and reinforced insulation have adequate thickness, or a sufficient number of layers, to withstand the electrical stresses		P
	Compliance checked:		P
	- by measurement, in accordance with 29.3.1, or		P
	- by an electric strength test in accordance with 29.3.2, or		N/A
	- by an assessment of the thermal quality of the material combined with an electric strength test, in accordance with 29.3.3, and		N/A
	for accessible parts of reinforced insulation consisting of a single layer, by measurement in accordance with 29.3.4, or		P

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Clause	Requirement + Test	Result - Remark	Verdict
	- as specified in subclause 6.3 of IEC 60664-4 for insulation that is subjected to any periodic voltage having a frequency exceeding 30 kHz		N/A
29.3.1	Supplementary insulation have a thickness of at least 1 mm		P
	Reinforced insulation have a thickness of at least 2 mm		P
29.3.2	Each layer of material withstand the electric strength test of 16.3 for supplementary insulation		N/A
	Supplementary insulation consist of at least 2 layers		N/A
	Reinforced insulation consist of at least 3 layers		N/A
29.3.3	The insulation is subjected to the dry heat test Bb of IEC 60068-2-2, followed by		N/A
	the electric strength test of 16.3		N/A
	If the temperature rise during the tests of clause 19 does not exceed the value specified in table 3, the test of IEC 60068-2-2 is not carried out		N/A
29.3.4	Thickness of accessible parts of reinforced insulation consisting of a single layer not less than specified in table 19..:		N/A
30	RESISTANCE TO HEAT AND FIRE		P
30.1	External parts of non-metallic material,		P
	parts supporting live parts, and		P
	parts of thermoplastic material providing supplementary or reinforced insulation		P
	sufficiently resistant to heat		P
	Ball-pressure test according to IEC 60695-10-2		P
	External parts tested at 40 °C plus the maximum temperature rise determined during the test of clause 11, or at 75 °C, whichever is the higher; temperature (°C) ....:	(see appended table)	P
	Parts supporting live parts tested at 40 °C plus the maximum temperature rise determined during the test of clause 11, or at 125 °C, whichever is the higher; temperature (°C) ....:	(see appended table)	P
	Parts of thermoplastic material providing supplementary or reinforced insulation tested at 25 °C plus the maximum temperature rise determined during clause 19, if higher; temperature (°C)..:	(see appended table)	P
30.2	Parts of non-metallic material resistant to ignition and spread of fire		P

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Clause	Requirement + Test	Result - Remark	Verdict
	This requirement does not apply to:		P
	parts having a mass not exceeding 0,5 g, provided the cumulative effect is unlikely to propagate flames that originate inside the appliance by propagating flames from one part to another, or		N/A
	decorative trims, knobs and other parts unlikely to be ignited or to propagate flames that originate inside the appliance		P
	Compliance checked by the test of 30.2.1, and in addition:		P
	- for attended appliances, 30.2.2 applies		N/A
	- for unattended appliances, 30.2.3 applies		P
	For appliances for remote operation, 30.2.3 applies		N/A
	For base material of printed circuit boards, 30.2.4 applies		P
30.2.1	Parts of non-metallic material subjected to the glow-wire test of IEC 60695-2-11 at 550 °C		P
	However, test not carried out if the material is classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least 550 °C, or		N/A
	the material is classified at least HB40 according to IEC 60695-11-10		N/A
	Parts for which the glow-wire test cannot be carried out need to meet the requirements in ISO 9772 for material classified HBF		N/A
30.2.3	Appliances operated while unattended, tested as specified in 30.2.3.1 and 30.2.3.2		P
	The tests are not applicable to conditions as specified ....:	Soldered connection and connections on small components on PCB	P
30.2.3.1	Parts of non-metallic material supporting connections carrying a current exceeding 0,2 A during normal operation, and		P
	parts of non-metallic material, other than small parts, within a distance of 3 mm,		P
	subjected to the glow-wire test of IEC 60695-2-11 with a test severity of 850 °C		P
	Glow-wire applied to an interposed shielding material, if relevant		N/A
	The glow-wire test is not carried out on parts of material classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least 850 °C		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
30.2.3.2	Parts of non-metallic material supporting connections, and		P
	parts of non-metallic material within a distance of 3 mm,		P
	subjected to glow-wire test of IEC 60695-2-11		P
	The test severity is:		P
	- 750 °C, for connections carrying a current exceeding 0,2 A during normal operation		P
	- 650 °C, for other connections		P
	Glow-wire applied to an interposed shielding material, if relevant		N/A
	However, the glow-wire test of 750 °C or 650 °C as appropriate, is not carried out on parts of material fulfilling both or either of the following classifications:		N/A
	- a glow-wire ignition temperature according to IEC 60695-2-13 of at least:		N/A
	- 775 °C, for connections carrying a current exceeding 0,2 A during normal operation		N/A
	- 675 °C, for other connections		N/A
	- a glow-wire flammability index according to IEC 60695-2-12 of at least:		N/A
	- 750 °C, for connections carrying a current exceeding 0,2 A during normal operation		N/A
	- 650 °C, for other connections		N/A
	The glow-wire test is also not carried out on small parts. These parts are to:		N/A
	- comprise material having a glow-wire ignition temperature of at least 775 °C or 675 °C as appropriate, or		N/A
	- comprise material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- comply with the needle-flame test of annex E, or		N/A
	- comprise material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
	The consequential needle-flame test of annex E applied to non-metallic parts that encroach within the vertical cylinder placed above the centre of the connection zone and on top of the non-metallic parts supporting current-carrying connections, and parts of non-metallic material within a distance of 3 mm of such connections if these parts are those:		N/A
	- parts that withstood the glow-wire test of IEC 60695-2-11 of 750 °C or 650 °C as appropriate, but produce a flame that persist longer than 2 s, or		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- parts that comprised material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- small parts, that comprised material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- small parts for which the needle-flame test of annex E was applied, or		N/A
	- small parts for which a material classification of V-0 or V-1 was applied		N/A
	However, the consequential needle-flame test is not carried out on non-metallic parts, including small parts, within the cylinder that are:		N/A
	- parts having a glow-wire ignition temperature of at least 775 °C or 675 °C as appropriate, or		N/A
	- parts comprising material classified as V-0 or V-1 according to IEC 60695-11-10, or		N/A
	- parts shielded by a flame barrier that meets the needle-flame test of annex E or that comprises material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
30.2.4	Base material of printed circuit boards subjected to the needle-flame test of annex E		P
	Test not applicable to conditions as specified.......:	V-0 material	P
31	RESISTANCE TO RUSTING		P
	Relevant ferrous parts adequately protected against rusting		P
	Tests specified in part 2 when necessary		P
	Salt mist test of IEC 60068-2-52, severity 2 (IEC 60335-2-40)		P
	Before test, coatings are scratched by means of a harden steel pin as specified (IEC 60335-2-40)		P
	Five scratches made at least 5 mm apart and at least 5 mm from the edges (IEC 60335-2-40)		P
	Appliance not deteriorated to such an extent that compliance with clause 8 and 27 is impaired (IEC 60335-2-40)		P
	Coating not be broken and not loosened from the metal surface (IEC 60335-2-40)		P
A	ANNEX A (INFORMATIVE) ROUTINE TESTS		N/A
	Description of routine tests to be carried out by the manufacturer		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
B	ANNEX B (NORMATIVE) APPLIANCES POWERED BY RECHARGEABLE BATTERIES		N/A
	The following modifications to this standard are applicable for appliances powered by batteries that are recharged in the appliance		N/A
	This annex does not apply to battery chargers		N/A
3.1.9	Appliance operated under the following conditions:		N/A
	- the appliance, supplied by its fully charged battery, operated as specified in relevant part 2		N/A
	- the battery is charged, the battery being initially discharged to such an extent that the appliance cannot operate		N/A
	- if possible, the appliance is supplied from the supply mains through its battery charger, the battery being initially discharged to such an extent that the appliance cannot operate. The appliance is operated as specified in relevant part 2		N/A
	- if the appliance incorporates inductive coupling between two parts that are detachable from each other, the appliance is supplied from the supply mains with the detachable part removed		N/A
3.6.2	Part to be removed in order to discard the battery is not considered to be detachable		N/A
5.B.101	Appliances supplied from the supply mains tested as specified for motor-operated appliances		N/A
7.1	Battery compartment for batteries intended to be replaced by the user, marked with battery voltage and polarity of the terminals		N/A
	The positive terminal indicated by symbol IEC 60417-5005 and the negative terminal by symbol IEC 60417-5006		N/A
7.6	Symbols 60417-5005 and IEC 60417-5006		N/A
7.12	The instructions give information regarding charging		N/A
	The instructions for appliances incorporating batteries intended to be replaced by the user includes required information		N/A
	Details about how to remove batteries containing materials hazardous to the environment given		N/A
7.15	Markings placed on the part of the appliance connected to the supply mains		N/A
8.2	Appliances having batteries that according to the instruction may be replaced by the user need only have basic insulation between live parts and the inner surface of the battery compartment		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	If the appliance can be operated without batteries, double or reinforced insulation required		N/A
11.7	The battery is charged for the period stated in the instructions or 24 h ....:		N/A
19.1	Appliances subjected to tests of 19.B.101, 19.B.102 and 19.B.103		N/A
19.10	Not applicable		N/A
19.B.101	Appliances supplied at rated voltage for 168 h, the battery being continually charged		N/A
19.B.102	For appliances having batteries that can be removed without the aid of a tool, short-circuit of the terminals of the battery, the battery being fully charged,		N/A
19.B.103	Appliances having batteries replaceable by the user supplied at rated voltage under normal operation with the battery removed or in any position allowed by the construction		N/A
21.B.101	Appliances having pins for insertion into socket-outlets have adequate mechanical strength		N/A
	Part of the appliance incorporating the pins subjected to the free fall test, procedure 2, of IEC 60068-2-31, the number of falls being:		N/A
	- 100, if the mass of the part does not exceed 250 g (g) ....:		N/A
	- 50, if the mass of the part exceeds 250 g ....:		N/A
	After the test, the requirements of 8.1, 15.1.1, 16.3 and clause 29 are met		N/A
22.3	Appliances having pins for insertion into socket-outlets tested as fully assembled as possible		N/A
25.13	An additional lining or bushing not required for interconnection cords in class III appliances or class III constructions operating at safety extra-low voltage not containing live parts		N/A
30.2	For parts of the appliance connected to the supply mains during the charging period, 30.2.3 applies		N/A
	For other parts, 30.2.2 applies		N/A
C	ANNEX C (NORMATIVE) AGEING TEST ON MOTORS		N/A
	Tests, as described, carried out when doubt with regard to the temperature classification of the insulation of a motor winding		N/A
	Test conditions as specified		N/A
E	ANNEX E (NORMATIVE) NEEDLE-FLAME TEST		P

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Clause	Requirement + Test	Result - Remark	Verdict
	Needle-flame test carried out in accordance with IEC 60695-11-5, with the following modifications:		P
7	Severities		P
	The duration of application of the test flame is 30 s ± 1 s		P
9	Test procedure		P
9.1	The specimen so arranged that the flame can be applied to a vertical or horizontal edge as shown in the examples of figure 1		P
9.2	The first paragraph does not apply		P
	If possible, the flame is applied at least 10 mm from a corner		P
9.3	The test is carried out on one specimen		P
	If the specimen does not withstand the test, the test may be repeated on two additional specimens, both withstanding the test		N/A
11	Evaluation of test results		P
	The duration of burning not exceeding 30 s		P
	However, for printed circuit boards, the duration of burning not exceeding 15 s		P
F	ANNEX F (NORMATIVE) CAPACITORS		N/A
	Capacitors likely to be permanently subjected to the supply voltage, and used for radio interference suppression or voltage dividing, comply with the following clauses of IEC 60384-14, with the following modifications:		N/A
1.5	Terms and definitions		N/A
1.5.3	Class X capacitors tested according to subclass X2		N/A
1.5.4	This subclause is applicable		N/A
1.6	Marking		N/A
	Items a) and b) are applicable		N/A
3.4	Approval testing		N/A
3.4.3.2	Table 3 is applicable as described		N/A
4.1	Visual examination and check of dimensions		N/A
	This subclause is applicable		N/A
4.2	Electrical tests		N/A
4.2.1	This subclause is applicable		N/A
4.2.5	This subclause is applicable		N/A
4.2.5.2	Only table 11 is applicable		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Values for test A apply		N/A
	However, for capacitors in heating appliances the values for test B or C apply		N/A
4.12	Damp heat, steady state		N/A
	This subclause is applicable		N/A
	Only insulation resistance and voltage proof are checked		N/A
4.13	Impulse voltage		N/A
	This subclause is applicable		N/A
4.14	Endurance		N/A
	Subclauses 4.14.1, 4.14.3, 4.14.4 and 4.14.7 are applicable		N/A
4.14.7	Only insulation resistance and voltage proof are checked		N/A
	No visible damage		N/A
4.17	Passive flammability test		N/A
	This subclause is applicable		N/A
4.18	Active flammability test		N/A
	This subclause is applicable		N/A
G	ANNEX G (NORMATIVE) SAFETY ISOLATING TRANSFORMERS		N/A
	The following modifications to this standard are applicable for safety isolating transformers:		N/A
7	Marking and instructions		N/A
7.1	Transformers for specific use marked with:		N/A
	- name, trademark or identification mark of the manufacturer or responsible vendor ....:		N/A
	- model or type reference ....:		N/A
17	Overload protection of transformers and associated circuits		N/A
	Fail-safe transformers comply with subclause 15.5 of IEC 61558-1		N/A
22	Construction		N/A
	Subclauses 19.1 and 19.1.2 of IEC 61558-2-6 are applicable		N/A
29	Clearances, creepage distances and solid insulation		N/A
29.1, 29.2, 29.3	The distances specified in items 2a, 2c and 3 in table 13 of IEC 61558-1 apply		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	For insulated winding wires complying with subclause 19.12.3 of IEC 61558-1 there are no requirements for clearances or creepage distances		N/A
	For windings providing reinforced insulation, the distance specified in item 2c of table 13 of IEC 61558-1 is not assessed		N/A
	For safety isolating transformers subjected to periodic voltages with a frequency exceeding 30 kHz, the clearances, creepage distances and solid insulation values specified in IEC 60664-4 are applicable, if greater than the values specified in items 2a, 2c and 3 in table 13 of IEC 61558-1		N/A
H	ANNEX H (NORMATIVE) SWITCHES		N/A
	Switches comply with the following clauses of IEC 61058-1, as modified below:		N/A
	The tests of IEC 61058-1 carried out under the conditions occurring in the appliance		N/A
	Before being tested, switches are operated 20 times without load		N/A
8	Marking and documentation		N/A
	Switches are not required to be marked		N/A
	However, a switch that can be tested separately from the appliance marked with the manufacturer's name or trade mark and the type reference		N/A
13	Mechanism		N/A
	The tests may be carried out on a separate sample		N/A
15	Insulation resistance and dielectric strength		N/A
15.1	Not applicable		N/A
15.2	Not applicable		N/A
15.3	Applicable for full disconnection and micro-disconnection		N/A
17	Endurance		N/A
	Compliance is checked on three separate appliances or switches		N/A
	For 17.2.4.4, the number of cycles declared according to 7.1.4 is 10 000, unless		N/A
	otherwise specified in 24.1.3 of the relevant part 2 of IEC 60335 ....:		N/A
	Switches for operation under no load and which can be operated only by a tool, and		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	switches operated by hand that are interlocked so that they cannot be operated under load,		N/A
	are not subjected to the tests		N/A
	However, switches without this interlock are subjected to the test of 17.2.4.4 for 100 cycles of operation		N/A
	Subclauses 17.2.2 and 17.2.5.2 not applicable		N/A
	The ambient temperature during the test is that occurring in the appliance during the test of clause 11 in IEC 60335-1		N/A
	The temperature rise of the terminals not more than 30 K above the temperature rise measured in clause 11 of IEC 60335-1 (K)................................:		N/A
20	Clearances, creepage distances, solid insulation and coatings of rigid printed board assemblies		N/A
	This clause is applicable to clearances and creepage distances for functional insulation, across full disconnection and micro-disconnection, as stated in table 24		N/A
J	ANNEX J (NORMATIVE) COATED PRINTED CIRCUIT BOARDS		N/A
	Testing of protective coatings of printed circuit boards carried out in accordance with IEC 60664-3 with the following modifications:		N/A
5.7	Conditioning of the test specimens		N/A
	When production samples are used, three samples of the printed circuit board are tested		N/A
5.7.1	Cold		N/A
	The test is carried out at -25 °C		N/A
5.7.3	Rapid change of temperature		N/A
	Severity 1 is specified		N/A
5.9	Additional tests		N/A
	This subclause is not applicable		N/A
K	ANNEX K (NORMATIVE) OVERVOLTAGE CATEGORIES		P
	The information on overvoltage categories is extracted from IEC 60664-1		P
	Overvoltage category is a numeral defining a transient overvoltage condition		P
	Equipment of overvoltage category IV is for use at the origin of the installation		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Equipment of overvoltage category III is equipment in fixed installations and for cases where the reliability and the availability of the equipment is subject to special requirements		N/A
	Equipment of overvoltage category II is energy consuming equipment to be supplied from the fixed installation		P
	If such equipment is subjected to special requirements with regard to reliability and availability, overvoltage category III applies		N/A
	Equipment of overvoltage category I is equipment for connection to circuits in which measures are taken to limit transient overvoltages to an appropriate low level		N/A
L	ANNEX L (INFORMATIVE) GUIDANCE FOR THE MEASUREMENT OF CLEARANCES AND CREEPAGE DISTANCES		P
	Information for the determination of clearances and creepage distances		P
M	ANNEX M (NORMATIVE) POLLUTION DEGREE		P
	The information on pollution degrees is extracted from IEC 60664-1		P
	Pollution		P
	The microenvironment determines the effect of pollution on the insulation, taking into account the macroenvironment		P
	Means may be provided to reduce pollution at the insulation by effective enclosures or similar		P
	Minimum clearances specified where pollution may be present in the microenvironment		P
	Degrees of pollution in the microenvironment		P
	For evaluating creepage distances, the following degrees of pollution in the microenvironment are established:		P
	- pollution degree 1: no pollution or only dry, non-conductive pollution occurs. The pollution has no influence		N/A
	- pollution degree 2: only non-conductive pollution occurs, except that occasionally a temporary conductivity caused by condensation is to be expected		P

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Clause	Requirement + Test	Result - Remark	Verdict
	- pollution degree 3: conductive pollution occurs or dry non-conductive pollution occurs that becomes conductive due to condensation that is to be expected		N/A
	- pollution degree 4: the pollution generates persistent conductivity caused by conductive dust or by rain or snow		N/A
N	ANNEX N (NORMATIVE) PROOF TRACKING TEST		P
	The proof tracking test is carried out in accordance with IEC 60112 with the following modifications:		P
7	Test apparatus		P
7.3	Test solutions		P
	Test solution A is used		P
10	Determination of proof tracking index (PTI)		P
10.1	Procedure		P
	The proof voltage is 100 V, 175 V, 400 V or 600 V ....:	175V	P
	The test is carried out on five specimens		P
	In case of doubt, additional test with proof voltage reduced by 25 V, the number of drops increased to 100		N/A
10.2	Report		P
	The report states if the PTI value was based on a test using 100 drops with a test voltage of (PTI-25) V		P
O	ANNEX O (INFORMATIVE) SELECTION AND SEQUENCE OF THE TESTS OF clause 30		P
	Description of tests for determination of resistance to heat and fire		P
P	ANNEX P (INFORMATIVE) GUIDANCE FOR THE APPLICATION OF THIS STANDARD TO APPLIANCES USED IN WARM DAMP EQUABLE CLIMATES		N/A
	Modifications applicable for class 0 and 01 appliances having a rated voltage exceeding 150 V, intended to be used in countries having a warm damp equable climate and that are marked WDaE		N/A
	Modifications may also be applied to class 1 appliances having a rated voltage exceeding 150 V, intended to be used in countries having a warm damp equable climate and that are marked WDaE, if liable to be connected to a supply mains that excludes the protective earthing conductor		N/A
5.7	The ambient temperature for the tests of clauses 11 and 13 is 40 +3/0 °C		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
7.1	The appliance marked with the letters WDaE		N/A
7.12	The instructions state that the appliance is to be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA		N/A
	The instructions state that the appliance is considered to be suitable for use in countries having a warm damp equable climate, but may also be used in other countries		N/A
11.8	The values of Table 3 are reduced by 15 K		N/A
13.2	The leakage current for class I appliances not exceeding 0,5 mA		N/A
15.3	The value of t is 37 °C		N/A
16.2	The leakage current for class I appliances not exceeding 0,5 mA (mA):		N/A
19.13	The leakage current test of 16.2 is applied in addition to the electric strength test of 16.3		N/A
Q	ANNEX Q (INFORMATIVE) SEQUENCE OF TESTS FOR THE EVALUATION OF ELECTRONIC CIRCUITS		P
	Description of tests for appliances incorporating electronic circuits		P
R	ANNEX R (NORMATIVE) SOFTWARE EVALUATION		N/A
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 validated in accordance with the requirements of this annex		N/A
R.1	Programmable electronic circuits using software		N/A
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 constructed so that the software does not impair compliance with the requirements of this standard		N/A
R.2	Requirements for the architecture		N/A
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 use measures to control and avoid software-related faults/errors in safety-related data and safety-related segments of the software		N/A
R.2.1.1	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.2 have one of the following structures:		N/A
	- single channel with periodic self-test and monitoring		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- dual channel (homogenous) with comparison		N/A
	- dual channel (diverse) with comparison		N/A
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 have one of the following structures:		N/A
	- single channel with functional test		N/A
	- single channel with periodic self-test		N/A
	- dual channel without comparison		N/A
R.2.2	Measures to control faults/errors		N/A
R.2.2.1	When redundant memory with comparison is provided on two areas of the same component, the data in one area is stored in a different format from that in the other area		N/A
R.2.2.2	Programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.2 and that use dual channel structures with comparison, have additional fault/error detection means for any fault/errors not detected by the comparison		N/A
R.2.2.3	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, means are provided for the recognition and control of errors in transmissions to external safety-related data paths		N/A
R.2.2.4	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, the programmable electronic circuits incorporate measures to address the fault/errors in safety-related segments and data indicated in table R.1 and R.2 as appropriate		N/A
R.2.2.5	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, detection of a fault/error occur before compliance with clause 19 is impaired		N/A
R.2.2.6	The software is referenced to relevant parts of the operating sequence and the associated hardware functions		N/A
R.2.2.7	Labels used for memory locations are unique		N/A
R.2.2.8	The software is protected from user alteration of safety-related segments and data		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
R.2.2.9	Software and safety-related hardware under its control is initialized and terminates before compliance with clause 19 is impaired		N/A
R.3	Measures to avoid errors		N/A
R.3.1	General		N/A
	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, the following measures to avoid systematic fault in the software are applied		N/A
	Software that incorporates measures used to control the fault/error conditions specified in table R.2 is inherently acceptable for software required to control the fault/error conditions specified in table R.1		N/A
R.3.2	Specification		N/A
R.3.2.1	Software safety requirements:	Software Id:	N/A
	The specification of the software safety requirements includes the descriptions listed		N/A
R.3.2.2	Software architecture		N/A
R.3.2.2.1	The specification of the software architecture includes the aspects listed - techniques and measures to control software faults/errors (refer to R.2.2); - interactions between hardware and software; - partitioning into modules and their allocation to the specified safety functions; - hierarchy and call structure of the modules (control flow); - interrupt handling; - data flow and restrictions on data access; - architecture and storage of data; - time-based dependencies of sequences and data	Document ref. No:	N/A
R.3.2.2.2	The architecture specification is validated against the specification of the software safety requirements by static analysis		N/A
R.3.2.3	Module design and coding		N/A
R.3.2.3.1	Based on the architecture design, software is suitably refined into modules		N/A
	Software module design and coding is implemented in a way that is traceable to the software architecture and requirements		N/A
R.3.2.3.2	Software code is structured		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
R.3.2.3.3	Coded software is validated against the module specification by static analysis		N/A
	The module specification is validated against the architecture specification by static analysis		N/A
R.3.3.3	Software validation		N/A
	The software is validated with reference to the requirements of the software safety requirements specification		N/A
	Compliance is checked by simulation of:		N/A
	- input signals present during normal operation		N/A
	- anticipated occurrences		N/A
	- undesired conditions requiring system action		N/A

TABLE R.1 [e] – GENERAL FAULT/ERROR CONDITIONS						
Component [a]	Fault/error	Acceptable measures [b, c]	Definitions	Document reference for applied measure	Document reference for applied test	Ver-dict
1 CPU 1.1 Registers	Stuck at	Functional test, or periodic self-test using either: - static memory test, or - word protection with single bit redundancy	H.2.16.5 H.2.16.6 H.2.19.6 H.2.19.8.2			N/A
1.2 VOID						N/A
1.3 Programme counter	Stuck at	Functional test, or Periodic self-test, or Independent time-slot monitoring, or Logical monitoring of the programme sequence	H.2.16.5 H.2.16.6 H.2.18.10.4 H.2.18.10.2			N/A
2 Interrupt handling and execution	No interrupt or too frequent interrupt	Functional test, or time-slot monitoring	H.2.16.5 H.2.18.10.4			N/A

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Clause	Requirement + Test	Result - Remark	Verdict

3 Clock	Wrong frequency (for quartz synchronized clock: harmonics/ sub-harmonics only)	Frequency monitoring, or time slot monitoring	H.2.18.10.1 H.2.18.10.4			N/A
4. Memory 4.1 Invariable memory	All single bit faults	Periodic modified checksum, or multiple checksum, or word protection with single bit redundancy	H.2.19.3.1 H.2.19.3.2 H.2.19.8.2			N/A
4.2 Variable memory	DC fault	Periodic static memory test, or word protection with single bit redundancy	H.2.19.6 H.2.19.8.2			N/A
4.3 Addressing (relevant to variable and invariable memory)	Stuck at	Word protection with single bit redundancy including the address	H.2.19.8.2			N/A
5 Internal data path	Stuck at	Word protection with single bit redundancy	H.2.19.8.2			N/A
5.1 VOID						N/A
5.2 Addressing	Wrong address	Word protection with single bit redundancy including the address	H.2.19.8.2			N/A
6 External communication	Hamming distance 3	Word protection with multi-bit redundancy, or CRC – single work, or Transfer redundancy, or Protocol test	H.2.19.8.1 H.2.19.4.1 H.2.18.2.2 H.2.18.14			N/A
6.1 VOID						N/A
6.2 VOID						N/A

6.3 Timing	Wrong point in time	Time-slot monitoring, or	H.2.18.10.4			N/A
		scheduled transmission	H.2.18.18			
		Time-slot and logical monitoring, or	H.2.18.10.3			
		comparison of redundant communication channels by either:				
		- reciprocal comparison	H.2.18.15			
		- independent hardware comparator	H.2.18.3			
	Wrong sequence	Logical monitoring, or	H.2.18.10.2			
		time-slot monitoring, or	H.2.18.10.4			
		Scheduled transmission	H.2.18.18			
7 Input/output periphery	Fault conditions specified in 19.11.2	Plausibility check	H.2.18.13			N/A
7.1 VOID						N/A
7.2 Analog I/O						N/A
7.2.1 A/D and D/A-converter	Fault conditions specified in 19.11.2	Plausibility check	H.2.18.13			
7.2.2 Analog multiplexer	Wrong addressing	Plausibility check	H.2.18.13			N/A
8 VOID						N/A
9 Custom chips [d] e.g. ASIC, GAL, gate array	Any output outside the static and dynamic functional specification	Periodic self-test	H.2.16.6			N/A

NOTE A Stuck-at fault model denotes a fault model representing an open circuit or a non-varying signal level. A DC fault model denotes a stuck-at fault model incorporating short circuit between signal lines.

a) For fault/error assessment, some components are divided into their sub-functions.
b) For each sub-function in the table, the Table R.2 measure will cover the software fault/error.
c) Where more than one measure is given for a sub-function, these are alternatives.
d) To be divided as necessary by the manufacturer into sub-functions.
e) Table R.1 is applied according to the requirements of R.1 to R.2.2.9 inclusive.

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Clause	Requirement + Test	Result - Remark	Verdict
AA	**ANNEX AA (INFORMATIVE) (IEC 60335-2-40)** **EXAMPLES FOR OPERATING TEMPERATURES OF THE APPLIANCE**		**P**
BB	**ANNEX BB (NORMATIVE) (IEC 60335-2-40)** **SELECTED INFORMATION ABOUT REFRIGERANTS**		**P**
CC	**ANNEX CC (INFORMATIVE) (IEC/EN 60335-2-40/A1)** **TRANSPORTATION, MARKING AND STORAGE FOR UNITS THAT EMPLOY FLAMMABLE REFRIGERANTS**		**N/A**
CC.1	Transport of equipment containing flammable refrigerants (IEC 60335-2-40/A1)		N/A
CC.2	Marking of equipment using signs (IEC 60335-2-40/A1)		N/A
CC.3	Disposal of equipment using flammable refrigerants (IEC 60335-2-40/A1)		N/A
CC.4	Storage of equipment/appliances (IEC 60335-2-40/A1)		N/A
CC.5	Storage of packed (unsold) equipment (IEC 60335-2-40/A1)		N/A
DD	**ANNEX DD (NORMATIVE) (IEC/EN 60335-2-40/A1)** **SERVICE OPERATIONS**		**N/A**
DD.1	Generals (IEC 60335-2-40/A1)		N/A
DD.2	Symbols (IEC 60335-2-40/A1)		N/A
DD.3	Information in manual (IEC 60335-2-40/A1 corr.1)		N/A
DD.4	Information on servicing (IEC 60335-2-40/A1)		N/A
DD.5	Repairs to sealed components (IEC 60335-2-40/A1)		N/A
DD.6	Repair to intrinsically safe components (IEC 60335-2-40/A1)		N/A
DD.7	Cabling (IEC 60335-2-40/A1)		N/A
DD.8	Detection of flammable refrigerants (IEC 60335-2-40/A1)		N/A
DD.9	Leak detection methods (IEC 60335-2-40/A1)		N/A
DD.10	Removal and evacuation (IEC 60335-2-40/A1)		N/A
DD.11	Charging procedures (IEC 60335-2-40/A1)		N/A
DD.12	Decommissioning (IEC 60335-2-40/A1)		N/A
DD.13	Labelling (IEC 60335-2-40/A1)		N/A
DD.14	Recovery (IEC 60335-2-40/A1)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict

EE	**ANNEX EE (NORMATIVE) (IEC/EN 60335-2-40/A1) PRESSURE TESTS**		**P**
EE.1	General (IEC 60335-2-40/A1)	Tested by the water pressure, connecting water pressure pump.	P
EE.2	Pressure test value determined under testing carried out in clause 11 (IEC 60335-2-40/A1)	Pressure in test of clause 11: 3.73MPa	P
EE.3	Pressure test value determined under testing carried out in clause 19 (IEC 60335-2-40/A1)	Pressure test was conducted with 3 times of 3.73MPa (11.2MPa).	P
EE.4	Pressure test value determined under testing carried out under standstill conditions (IEC 60335-2-40/A1)	Pressure when stopped: 3.73MPa	P
EE.5	Fatigue test option for Clauses EE.1 and EE.4.1 (IEC 60335-2-40/A1)	Test performed for Heat exchanger.	P

FF	**ANNEX FF (NORMATIVE) (IEC/EN 60335-2-40/A1) LEAK SIMULATION TESTS**		**N/A**
FF.1	General (IEC 60335-2-40/A1)		N/A
FF.2	Test methods (IEC 60335-2-40/A1 corr.1)		N/A

GG	**ANNEX GG (NORMATIVE) (IEC/EN 60335-2-40/A1) CHARGE LIMITS, VENTILATION REQUIREMENTS AND REQUIREMENTS FOR SECONDARY CIRCUITS**		**N/A**
GG.1	Requirements for charge limits in ventilated areas (IEC 60335-2-40/A1 Corr.1)		N/A
GG.2	Requirements for charge limits in unventilated areas (IEC 60335-2-40/A1 Corr.1)		N/A
GG.3	Requirements for charge limits in areas with mechanical ventilation (IEC 60335-2-40/A1)		N/A
GG.4	Requirements for mechanical ventilation within the appliance enclosure (IEC 60335-2-40/A1)		N/A
GG.5	Requirements for mechanical ventilation for rooms complying with ISO 5149 (IEC 60335-2-40/A1)		N/A
GG.6	Requirements for refrigeration systems employing secondary heat exchangers (IEC 60335-2-40/A1 Corr.1)		N/A
GG.7	The appliance shall then be tested with a maximum water flow under the conditions described in g) (IEC 60335-2-40/A1)		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

10.1	TABLE: Power input deviation				P
Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
Outdoor units:					
MMY-MAP0806FT8P-E (Cooling / Heating mode)					
380V, 50Hz	12900	9273.1/10582.4	-28.1% /-18.0%	+15%	P
398V, 50Hz	12900	9039.3/10633.8	-29.9% /-17.6%	+15%	P
415V, 50Hz	12900	8677.5/10798.0	-32.7% /-16.3%	+15%	P
MMY-MAP1006FT8P-E (Cooling / Heating mode)					
380V, 50Hz	15800	11618.3/11778.5	-26.5% /-25.5%	+15%	P
398V, 50Hz	15800	10421.6/11140.5	-34.0% /-29.5%	+15%	P
415V, 50Hz	15800	10820.8/10095.5	-31.5% /-36.1%	+15%	P
MMY-MAP1206FT8P-E (Cooling / Heating mode)					
380V, 50Hz	19200	13967.1/14254.3	-27.3% /-25.8%	+15%	P
398V, 50Hz	19200	13739.4/13649.5	-28.4% /-28.9%	+15%	P
415V, 50Hz	19200	13482.0/13816.3	-29.8% /-28.0%	+15%	P
MMY-MAP1406FT8P-E (Cooling / Heating mode)					
380V, 50Hz	22300	14540.3/14824.5	-34.8% /-33.5%	+15%	P
398V, 50Hz	22300	14528.6/14920.3	-34.8% /-33.1%	+15%	P
415V, 50Hz	22300	14055.9/14534.7	-37.0% /-34.8%	+15%	P
MMY-MAP1606FT8P-E (Cooling / Heating mode)					
380V, 50Hz	26500	15522.4/16732.0	-41.4% /-36.9%	+15%	P
398V, 50Hz	26500	16524.0/17035.8	-37.6% /-35.7%	+15%	P
415V, 50Hz	26500	15708.7/16791.4	-40.7% /-36.6%	+15%	P
MMY-MAP1806FT8P-E (Cooling / Heating mode)					
380V, 50Hz	29300	16949.0/18156.0	-42.2% /-38.0%	+15%	P
398V, 50Hz	29300	16941.2/17579.9	-42.2% /-40.0%	+15%	P
415V, 50Hz	29300	16721.8/17311.4	-42.9% /-40.9%	+15%	P
MMY-MAP2006FT8P-E (Cooling / Heating mode)					
380V, 50Hz	32200	18408.6/19265.3	-42.8% /-40.2%	+15%	P
398V, 50Hz	32200	18956.6/19579.1	-41.1% /-39.2%	+15%	P
415V, 50Hz	32200	18821.1/18186.4	-41.5% /-43.5%	+15%	P

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Clause	Requirement + Test	Result - Remark	Verdict

Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
Indoor unit: (2 Way type)					
MMU-AP0562WH (Cooling / Heating mode)					
220V, 50Hz	180	95.4/106.4	-47.0%/-40.9%	+20%	P
230V, 50Hz	180	94.9/103.7	-47.3%/-42.4%	+20%	P
240V, 50Hz	180	103.8/93.8	-42.3%/-47.9%	+20%	P
220V, 60HZ	180	93.7/95.9	-47.9%/-46.7%	+20%	P
MMU-AP0482WH (Cooling / Heating mode)					
220V, 50Hz	180	74.6/77.4	-58.6%/-57.0%	+20%	P
230V, 50Hz	180	71.0/78.4	-60.6%/-56.4%	+20%	P
240V, 50Hz	180	75.1/74.6	-58.3%/-58.6%	+20%	P
220V, 60HZ	180	75.6/77.2	-58.0%/-57.1%	+20%	P
MMU-AP0362WH (Cooling / Heating mode)					
220V, 50Hz	180	59.5/65.7	-66.9%/-63.5%	+20%	P
230V, 50Hz	180	58.3/60.1	-67.6%/-66.6%	+20%	P
240V, 50Hz	180	62.7/67.0	-65.2%/-62.8%	+20%	P
220V, 60HZ	180	58.6/63.1	-67.4%/64.9%	+20%	P
Indoor unit: (Celling type)					
MMC-AP0567HP-E (Cooling / Heating mode)					
220V, 50Hz	185	101.6/92.6	-45.1%/-50.0%	+20%	P
230V, 50Hz	185	94.8/101.9	-48.8%/-44.9%	+20%	P
240V, 50Hz	185	92.9/101.7	-49.8%/-45.0%	+20%	P
220V, 60HZ	185	96.7/94.6	-47.8%/-48.9%	+20%	P
MMC-AP0467HP-E (Cooling / Heating mode)					
220V, 50Hz	185	77.9/79.8	-57.9%/-56.9%	+20%	P
230V, 50Hz	185	77.6/67.3	-58.1%/-64.0%	+20%	P
240V, 50Hz	185	78.2/78.4	-57.7%/-57.6%	+20%	P
220V, 60HZ	185	79.8/76.4	-56.9%/-58.7%	+20%	P

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Clause	Requirement + Test	Result - Remark	Verdict

Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
MMC-AP0367HP-E (Cooling / Heating mode)					
220V, 50Hz	185	65.3/79.7	-64.7%/-56.9%	+20%	P
230V, 50Hz	185	74.9/69.9	-59.5%/-62.2%	+20%	P
240V, 50Hz	185	78.1/76.8	-57.8%/-58.8%	+20%	P
220V, 60HZ	185	61.7/73.3	-56.9%/-60.4%	+20%	P
Indoor unit (4way cassette type)					
MMU-AP0564HP-E (Cooling / Heating mode)					
220V, 50Hz	125	106.3/102.7	-15.0%/-17.8%	+20%	P
230V, 50Hz	125	106.5/102.9	-14.8%/-17.7%	+20%	P
240V, 50Hz	125	107.2/103.1	-14.2%/-17.5%	+20%	P
220V, 60HZ	125	104.9/103.8	-16.1%/-17.0%	+20%	P
MMU-AP0484HP-E (Cooling / Heating mode)					
220V, 50Hz	125	95/87	-24.0%/-30.4%	+20%	P
230V, 50Hz	125	95/85	-24.0%/-32.0%	+20%	P
240V, 50Hz	125	97/88	-22.4%/-29.6%	+20%	P
220V, 60HZ	125	94/82	-24.8%/-34.4%	+20%	P
MMU-AP0364HP-E (Cooling / Heating mode)					
220V, 50Hz	125	67/45	-46.4%/-64.0%	+20%	P
230V, 50Hz	125	69/51	-44.8%/-59.2%	+20%	P
240V, 50Hz	125	68/49	-45.6%/-60.8%	+20%	P
220V, 60HZ	125	64/52	-46.4%/58.4%	+20%	P
Indoor unit (Hi-wall)					
MMK-AP0243H(Cooling / Heating mode)					
220V, 50Hz	45	37/31	-17.8%/-31.1%	+20%	P
240V, 50Hz	45	36/31	-20.0%/-31.1%	+20%	P
Indoor unit (1-Way)					
MMU-AP0124YH-E(Cooling / Heating mode)					
220V, 50Hz	70	58/55	-17.1%/-21.4%	+20%	P
240V, 50Hz	70	68/62	-2.9%/-11.4%	+20%	P
MMU-AP0244SH-E(Cooling / Heating mode)					
220V, 50Hz	86	65/58	-24.4%/-32.6%	+20%	P

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Clause	Requirement + Test	Result - Remark	Verdict

Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
240V, 50Hz	86	70/54	-18.6%/-37.2%	+20%	P
Indoor unit (Concealed Duct High Static Pressure Duct type)					
MMD-AP0964H-E(Cooling / Heating mode)					
220V, 50Hz	2010	1260/1210	-37.3%/-39.8%	+15%	P
240V, 50Hz	2010	1360/1350	-32.3%/-32.8%	+15%	P
Indoor unit (Floor standing cabinet type)					
MML-AP0244H-E(Cooling / Heating mode)					
220V, 50Hz	115	87/87	-24.3%/-24.3%	+20%	P
240V, 50Hz	115	98/98	-14.8%/-14.8%	+20%	P
Indoor unit (Under celling type)					
MMC-AP0187HP-E(Cooling / Heating mode)					
230V, 50Hz	70	36/41	-49%/ -41%	+20%	P
220V, 60Hz	70	36/41	-49%/ -41%	+20%	P
Indoor unit (Under celling type)					
MMC-AP0247HP-E(Cooling / Heating mode)					
230V, 50Hz	103	49/53	-52%/ -49%	+20%	P
220V, 60Hz	103	53/50	-49%/ -51%	+20%	P
Indoor unit (Under celling type)					
MMC-AP0567HP-E(Cooling / Heating mode)					
230V, 50Hz	185	98/111	-47%/ -40%	+20%	P
220V, 60Hz	185	115/111	-39%/ -40%	+20%	P
Indoor unit (2 way Air Discharge cassette type)					
MMU-AP0562WH(Cooling / Heating mode)					
220V, 50Hz	180	94/107	-47.8%/-40.6%	+20%	P
240V, 50Hz	180	93.9/111.8	-47.8%/-37.9%	+20%	P
220V, 60Hz	180	92.8/105.7	-48.4%/-41.3%	+20%	P
Indoor unit (2 way Air Discharge cassette type)					
MMU-AP0302WH(Cooling / Heating mode)					
220V, 50Hz	160	52.2/65.1	-67.4%/-59.3%	+20%	P
240V, 50Hz	160	56.6/65.5	-64.6%/-59.1%	+20%	P
220V, 60Hz	160	51.4/64.1	-67.9%/-59.9%	+20%	P

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Clause	Requirement + Test	Result - Remark	Verdict

Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
Indoor unit (2 way Air Discharge cassette type)					
MMU-AP0182WH(Cooling / Heating mode)					
220V, 50Hz	150	47.1/59.7	-68.6%/-60.2%	+20%	P
240V, 50Hz	150	51.0/60.1	-66.0%/-59.9%	+20%	P
220V, 60Hz	150	46.2/58.6	-69.2%/-60.9%	+20%	P
Indoor unit (2 way Air Discharge cassette type)					
MMU-AP0152WH(Cooling / Heating mode)					
220V, 50Hz	60	29.4/31.7	-51.4%/-47.2%	+20%	P
240V, 50Hz	60	31.0/31.1	-48.3%/-48.2%	+20%	P
220V, 60Hz	60	28.7/31.0	-52.2%/-48.3%	+20%	P
Indoor Unit(Slim Duct type)					
MMD-AP0274SPH-E (Cooling / Heating mode)					
220V, 50Hz	155	106/96	-31.6%/-38.1%	+20%	P
240V, 50Hz	155	107/98	-31.0%/-39.8%	+20%	P
220V, 60Hz	155	103/98	-33.5%/-39.8%	+20%	P
Indoor unit: (Hi-Static Duct type)					
MMD-AP0566HP-E (Cooling / Heating mode)					
220V, 50Hz	480	407.0/389.6	-15.2%/ -18.8%	+15%	P
230V, 50Hz	480	405.5/387.5	-15.5%/ -19.3%	+15%	P
240V, 50Hz	480	407.0/386.7	-15.2%/ -19.4%	+15%	P
220V, 60HZ	480	416.9/382.8	-13.2%/ -20.3%	+15%	P
MMD-AP0486HP-E (Cooling / Heating mode)					
220V, 50Hz	450	395.3/371.0	-12.2%/ -17.6%	+15%	P
230V, 50Hz	450	400.8/372.0	-10.9%/ -17.3%	+15%	P
240V, 50Hz	450	396.5/362.3	-11.9%/ -19.5%	+15%	P
220V, 60HZ	450	197.7/371.9	-56.1%/ -17.4%	+15%	P
MMD-AP0366HP-E (Cooling / Heating mode)					
220V, 50Hz	420	183.9/336.3	-56.2%/ -19.9%	+15%	P
230V, 50Hz	420	179.8/357.3	-57.2%/ -14.9%	+15%	P
240V, 50Hz	420	183.7/349.9	-56.3%/ -16.7%	+15%	P
220V, 60HZ	420	179.3/350.8	-57.3%/ -16.5%	+15%	P

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Clause	Requirement + Test	Result - Remark	Verdict

Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
MMD-AP0276HP-E (Cooling / Heating mode)					
220V, 50Hz	250	278.9/216.7	+11.6%/ -13.3%	+20%	P
230V, 50Hz	250	286.2/221.1	+14.5%/ -11.6%	+20%	P
240V, 50Hz	250	292.7/220.7	+17.1%/ -11.7%	+20%	P
220V, 60HZ	250	283.5/211.9	+13.4%/ -15.2%	+20%	P
MMD-AP0246HP-E (Cooling / Heating mode)					
220V, 50Hz	250	130.5/205.5	-47.8%/ -17.8%	+20%	P
230V, 50Hz	250	132.5/210.6	-47.0%/ -15.8%	+20%	P
240V, 50Hz	250	130.6/214.8	-47.8%/ -14.1%	+20%	P
220V, 60HZ	250	139.7/208.5	-44.1%/ -16.6%	+20%	P
MMD-AP0186HP-E (Coling / Heating mode)					
220V, 50Hz	200	113.2/123.2	-43.4%/ -38.4%	+20%	P
230V, 50Hz	200	114.2/125.0	-42.9%/ -37.5%	+20%	P
240V, 50Hz	200	114.2/125.2	-42.9%/ -37.4%	+20%	P
220V, 60HZ	200	114.4/124.0	-42.8%/ -38.0%	+20%	P
Indoor unit: (Floor Standing)					
MMF-AP0566H-E (Cooling / Heating mode)					
220V, 50Hz	180	142.5/168.8	-20.0%/ -7.2%	+20%	P
230V, 50Hz	180	145.9/166.9	-18.2%/ -7.1%	+20%	P
240V, 50Hz	180	144.9/205.6	-18.3%/ -8.0%	+20%	P
220V, 60HZ	180	142.4/206.5	-21.5%/ -7.8%	+20%	P
MMF-AP0486H-E (Cooling / Heating mode)					
220V, 50Hz	180	144.0/167.1	-20.0%/ -7.2%	+20%	P
230V, 50Hz	180	147.3/167.2	-18.2%/ -7.1%	+20%	P
240V, 50Hz	180	147.0/165.6	-18.3%/ -8.0%	+20%	P
220V, 60HZ	180	141.3/165.9	-21.5%/ -7.8%	+20%	P
MMF-AP0366H-E (Cooling / Heating mode)					
220V, 50Hz	150	123.6/142.6	-17.6%/ -4.9%	+20%	P
230V, 50Hz	150	122.4/149.1	-18.4%/-0.6%	+20%	P
240V, 50Hz	150	126.7/147.7	-15.5%/ -1.5%	+20%	P
220V, 60HZ	150	121.9/142.6	-18.7%/ -4.9%	+20%	P

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Clause	Requirement + Test	Result - Remark	Verdict

Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
MMF-AP0276H-E (Cooling / Heating mode)					
220V, 50Hz	120	88.0/98.2	-26.7%/ -18.2%	+20%	P
230V, 50Hz	120	88.1/101.0	-26.6%/ -15.8%	+20%	P
240V, 50Hz	120	87.6/100.3	-27.0%/ -16.4%	+20%	P
220V, 60HZ	120	87.5/98.2	-27.1%/ -18.2%	+20%	P
MMF-AP0246H-E (Cooling / Heating mode)					
220V, 50Hz	120	79.0/81.9	-34.2%/ -31.8%	+20%	P
230V, 50Hz	120	80.3/82.3	-33.1%/ -31.4%	+20%	P
240V, 50Hz	120	80.7/83.2	-32.8%/ -30.6%	+20%	P
220V, 60HZ	120	78.7/80.2	-34.4%/ -33.2%	+20%	P
MMF-AP0186H-E (Cooling / Heating mode)					
220V, 50Hz	80	45.1/47.6	-43.6%/ -40.5%	+20%	P
230V, 50Hz	80	46.4/48.1	-42.0%/ -39.9%	+20%	P
240V, 50Hz	80	46.5/48.8	-41.9%/ -39.0%	+20%	P
220V, 60HZ	80	46.2/46.4	-42.3%/ -42.0%	+20%	P
MMF-AP0156H-E (Cooling / Heating mode)					
220V, 50Hz	80	51.7/53.1	-35.4%/ -33.6%	+20%	P
230V, 50Hz	80	53.0/53.1	-33.8%/ -33.6%	+20%	P
240V, 50Hz	80	53.4/52.9	-33.3%/ -33.9%	+20%	P
220V, 60HZ	80	50.8/52.8	-36.5%/ -34.0%	+20%	P
Indoor Unit(Console type)					
MML-AP0184NH-E (Cooling / Heating mode)					
220V, 50Hz	52	46/52	-11.5%/0.0%	+20%	P
240V, 50Hz	52	47/52	-9.6%/0.0%	+20%	P
220V, 60HZ	52	46/51	-11.5%/-1.9%	+20%	P
Indoor unit(Air to Air Heat Exchanger DX coil Humidifier type)					
MMD-VNK1002HEXE (Cooling / Heating mode)					
220V, 50Hz	730	590/640	-19.2%/-12.3%	+15%	P
240V, 50Hz	730	595/645	-18.5%/-11.6%	+15%	P
MMD-VNK1002HEXE-TR (Cooling / Heating mode)					
220V, 50Hz	730	590/640	-19.2%/-12.3%	+15%	P
240V, 50Hz	730	595/645	-18.5%/-11.6%	+15%	P

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Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
MMD-VNK1002HEXE2(Cooling / Heating mode)					
220V, 60HZ	940	778/820	-17.2%/-11.8%	+15%	P
MMD-VNK802HEXE(Cooling / Heating mode)					
220V, 50Hz	700	515/542	-26.4%/-22.6%	+15%	P
240V, 50Hz	700	568/596	-18.9%/-14.9%	+15%	P
220V, 60HZ	800	622/670	-22.3%/-16.3%	+15%	P
MMD-VNK802HEXE-TR(Cooling / Heating mode)					
220V, 50Hz	700	515/542	-26.4%/-22.6%	+15%	P
240V, 50Hz	700	568/596	-18.9%/-14.9%	+15%	P
MMD-VNK502HEXE(Cooling / Heating mode)					
220V, 50Hz	420	303/314	-27.9%/-25.2%	+15%	P
240V, 50Hz	420	341/352	-18.8%/-16.2%	+15%	P
220V, 60HZ	500	391/420	-21.8%/-16.0%	+15%	P
MMD-VNK502HEXE-TR(Cooling / Heating mode)					
220V, 50Hz	420	303/314	-27.9%/-25.2%	+15%	P
240V, 50Hz	420	341/352	-18.8%/-16.2%	+15%	P
Indoor unit (Air to Air Heat Exchanger DX coil type)					
MMD-VN1002HEXE (Cooling / Heating mode)					
220V, 50Hz	765	611/649	-20.1%/-15.2%	+15%	P
240V, 50Hz	765	626/673	-18.2%/-12.0%	+15%	P
MMD-VN1002HEXE-TR (Cooling / Heating mode)					
220V, 50Hz	765	611/649	-20.1%/-15.2%	+15%	P
240V, 50Hz	765	626/673	-18.2%/-12.0%	+15%	P
MMD-VN1002HEXE2					
220V, 60Hz	950	769/811	-19.1%/-14.6%	+15%	P
MMD-VN802HEXE(Cooling / Heating mode)					
220V, 50Hz	710	510/533	-28.2%/-24.9%	+15%	P
240V, 50Hz	710	573/597	-19.3%/-15.9%	+15%	P
220V, 60HZ	810	637/668	-21.4%/-17.5%	+15%	P
MMD-VN802HEXE-TR(Cooling / Heating mode)					
220V, 50Hz	710	510/533	-28.2%/-24.9%	+15%	P
240V, 50Hz	710	573/597	-19.3%/-15.9%	+15%	P

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Clause	Requirement + Test	Result - Remark	Verdict

Input deviation of/at:	P rated (W)	P measured (W)	Δ P	Required Δ P	Remark
MMD-VN502HEXE(Cooling / Heating mode)					
220V, 50Hz	430	309/318	-28.1%/-26.0%	+15%	P
240V, 50Hz	430	354/359	-17.7%/-16.5%	+15%	P
220V, 60HZ	510	406/425	-20.4%/-16.7%	+15%	P
MMD-VN502HEXE-TR(Cooling / Heating mode)					
220V, 50Hz	430	309/318	-28.1%/-26.0%	+15%	P
240V, 50Hz	430	354/359	-17.7%/-16.5%	+15%	P

Supplementary information: The following ambient temperature conditions were kept during the test:

	Maximum Cooling	**Minimum Cooling**
	D.B./W.B.	D.B./W.B.
Outdoor Unit	46°C / --	-10°C/ --
Indoor Unit	32°C / 24°C	21°C / 15°C

	Maximum Heating	**Minimum Heating**
	D.B./W.B.	D.B./W.B.
Outdoor Unit	24°C / 15.5°C	-25°C / --
Indoor Unit	28°C / --	15°C / --

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Clause	Requirement + Test	Result - Remark	Verdict

10.2	TABLE: Current deviation				P
Current deviation of/at:	I rated (A)	I measured (A)	Δ I	Required Δ I	Remark
Outdoor units:					
MMY-MAP806FT8P-E (cooling / Heating mode)					
380V, 50Hz	21.5	15.10/17.15	-29.8%/ -20.2%	+15%	P
398V, 50Hz	21.5	14.05/16.43	-34.7%/ -23.6%	+15%	P
415V, 50Hz	21.5	13.05/16.10	-39.3%/ -25.1%	+15%	P
MMY-MAP1006FT8P-E (cooling / Heating mode)					
380V, 50Hz	26.1	18.78/19.00	-28.0%/ -25.1%	+15%	P
398V, 50Hz	26.1	16.11/17.17	-38.3%/ -34.2%	+15%	P
415V, 50Hz	26.1	16.14/15.07	-38.4%/ -42.2%	+15%	P
MMY-MAP1206FT8P-E (cooling / Heating mode)					
380V, 50Hz	31.0	22.90/23.26	-26.1%/ -32.3%	+15%	P
398V, 50Hz	31.0	21.58/21.45	-30.4%/ -30.8%	+15%	P
415V, 50Hz	31.0	20.50/20.97	-33.9%/ -32.4%	+15%	P
MMY-MAP1406FT8P-E (cooling / Heating mode)					
380V, 50Hz	35.8	23.80/24.24	-33.5%/ -32.3%	+15%	P
398V, 50Hz	35.8	22.70/23.24	-36.6%/ -35.1%	+15%	P
415V, 50Hz	35.8	21.33/22.02	-40.4%/ -38.5%	+15%	P
MMY-MAP1606FT8P-E (cooling / Heating mode)					
380V, 50Hz	40.6	25.33/27.21	-37.6%/ -33.0%	+15%	P
398V, 50Hz	40.6	24.44/26.41	-39.8%/ -35.0%	+15%	P
415V, 50Hz	40.6	23.68/25.17	-41.7%/ -38.0%	+15%	P
MMY-MAP1806FT8P-E (cooling / Heating mode)					
380V, 50Hz	44.9	27.53/29.42	-38.7%/ -34.5%	+15%	P
398V, 50Hz	44.9	25.70/27.24	-42.8%/ -39.3%	+15%	P
415V, 50Hz	44.9	25.12/25.96	-44.1%/ -42.2%	+15%	P
MMY-MAP2006FT8P-E (cooling / Heating mode)					
380V, 50Hz	49.3	29.89/31.20	-39.4%/ -36.7%	+15%	P
398V, 50Hz	49.3	29.33/30.26	-40.5%/ -38.6%	+15%	P
415V, 50Hz	49.3	28.12/27.21	-43.2%/ -44.8%	+15%	P
Supplementary information: The following ambient temperature conditions were kept during the test: same as table 10.1 Power input deviation.					

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Clause	Requirement + Test	Result - Remark	Verdict

11.8	**TABLE: Heating test**			P
	Test voltage (V)..:	Outdoor unit: 357.2V, 50Hz / 440V, 50Hz Indoor unit: 206.8V,50Hz/60Hz 254.4V,50Hz / 233.2V, 60Hz		—
	Ambient (°C) ....:	Cooling mode: 46/24 DB/WB (outdoor unit) 32/23 DB/WB (indoor unit)	Heating mode: 24/18 DB/WB (outdoor unit) 28/ - DB/WB (indoor unit)	—

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
	Cooling	Heating	
Outdoor unit: MMY-MAP1006FT8P-E			
Fan motor ambient temperature	46.5	19.5	Referrence
Bell mount front side	42.8	19.7	Referrence
Fuse F01	46.8	27.0	Referrence
Resistor R302	52.9	30.3	Referrence
Reactor coil for comp 1	54.2	34.6	165
Reactor coil for comp 2	51.3	33.2	165
2way valve coil SV52	45.0	31.9	110
2way valve coil SV41	50.6	43.8	110
2way valve coil SV42	52.6	46.3	110
2way valve coil SV2	61.4	43.8	110
2way valve coil SV3A	49.8	35.8	105
2way valve coil SV3B	53.3	57.0	105
2way valve coil SV3C	52.5	45.4	105
2way valve coil SV3D	55.3	43.8	105
Inlet panel front upper part	45.0	36.8	For clause 30
Inlet panel front part	48.8	30.3	For clause 30
Inlet panel lower part	45.4	26.2	For clause 30
Inlet panel back part	45.8	27.5	For clause 30
Inlet panel back lower part	43.3	29.2	For clause 30
Compressor 1case top	96.4	83.6	140
Compressor 2case top	80.7	63.0	140

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Magnet contactor power line side (FC-1S)	79.9	61.9	90
Magnet contactor coil (FC-1S)	46.3	26.9	90
CT T611 for comp 1	44.2	24.8	90
Fan motor coil	49.2	15.9	105
Fan motor case line	47.6	28.8	105
SWT T101 for compressor 1	47.7	28.9	105
Switching tranformer T101	50.2	32.3	Referrence
Fuse F01 for compressor 2	46.2	25.0	Referrence
Fuse F02 for compressor 2	46.2	29.2	Referrence
Line filter L01 for comp 1	51.1	30.7	105
PTC Thermistor	45.1	25.7	Referrence
Relay RY512	45.3	26.9	105
Relay RY500	49.0	25.3	105
Smoothing capacity C510	45.1	25.3	105
Resistor R500 (MCC-1673)	51.7	33.3	Referrence
Fuse F01	48.3	27.2	Referrence
Line filter L404 (MCC-1673)	44.8	24.7	105
Capacitor for comp	48.5	30.1	85
Fuse F02 for compressor 1	50.0	30.7	Referrence
Terminal block left part	44.5	24.6	85
E-box	48.2	29.2	For clause 30
Resistor R21 for compressor 1	53.4	34.8	Referrence
Resistor R22 for compressor 1	54.4	33.2	Referrence
Fuse F01 for compressor 1	48.8	29.1	Referrence
Line filter L01 for comp 2	48.0	29.5	105
Line filter L405	44.7	24.8	105
Nois filter Fuse F02	47.4	26.3	Referrence
Internal wire power line	46.9	25.7	Referrence
Indoor unit:MMC-AP0247HP-E_Unit A			
Air flow	17.9	46.8	Reference
Diode block DB01	36.9	30.8	105
Switching Tranformer T01	36.0	30.1	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Line filter L01	35.7	29.6	105
Capacitor C08	35.0	29.2	90
Power modul IC101	34.0	28.2	90
Resistor R01	34.5	28.4	Reference
Terminal block left side	34.3	28.4	85
E-box temperature	34.3	28.4	Reference
Print Circuit board PW01	36.3	30.3	For clause 30
Fan Motor	43.2	30.5	105
Resistor R24	36.5	30.5	Reference
Indoor unit:MMC-AP0247HP-E_Unit B			
Air flow	33.9	33.7	Reference
Diode block DB01	35.9	32.3	105
Switching Tranformer T01	35.6	32.0	105
Line filter L01	34.5	31.1	105
Capacitor C08	34.1	30.5	90
Power modul IC101	36.4	32.6	90
Resistor R01	33.5	30.2	Reference
Terminal block left side	33.5	30.0	85
E-box temperature	33.7	30.1	Reference
Print Circuit board PW01	35.0	31.4	For clause 30
Fan Motor	37.1	33.6	105
Resistor R24	44.7	40.8	Reference
Indoor unit:MMU-AP0244HP-E			
Louver Motor	34.7	40.1	Reference
E-box	31.8	30.8	90
Capacitor C08	37.1	36.4	105
Resistor R03	43.9	43.4	Reference
Diode block DB01	43.9	43.5	Reference
Power modul IC10	52.4	52.4	Reference
Line filter L01	34.4	53.2	90
Resistor R24	41.7	40.5	Reference
Switching Tranformer T01	36.3	33.6	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Print Circuit board PW01	49.5	49.2	For clause 30
Power modul IC01	49.5	49.2	Reference
Air flow	30.8	41.5	Reference
Indoor unit:MMU-AP0364HP-E			
Louver Motor	35.2	39.3	Reference
E-box	31.5	30.8	90
Capacitor	33.5	30.7	105
Resistor R034	37.7	34.8	Reference
Diode block DB01	36.1	33.1	Reference
Power modul IC10	41.7	39.5	Reference
Line filter L01	32.8	30.5	90
Resistor R24	40.3	37.3	Reference
Switching Tranformer T01	36.3	33.5	105
Print Circuit board PW01	36.4	34.5	For clause 30
Power modul IC01	36.7	34.7	Reference
Air flow	29.8	33.4	Reference
FS unit : RBM-Y1801F6PE (PCB no. 1)			
Switching Tranformer T01	40.6	34.4	105
Capacitor C08	38.6	39.5	105
Diode block DB01	37.1	30.9	Reference
Resistor R03	36.2	30.0	Reference
Relay RY713	37.3	31.1	105
Resistor R24	42.5	40.2	Reference
FS unit : RBM-Y1801F6PE (PCB no. 3)			
Switching Tranformer T01	40.0	33.6	105
Capacitor C08	37.6	31.2	105
Diode block DB01	38.2	31.8	Reference
Resistor R03	37.0	30.7	Reference
Relay RY713	39.0	35.8	105
Resistor R24	47.5	41.3	Reference
FS unit : RBM-Y1801F6PE (PCB no. 4)			
Switching Tranformer T01	40.2	34.1	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Capacitor C08	37.3	31.0	105
Diode block DB01	37.4	31.2	Reference
Resistor R03	36.3	30.1	Reference
Relay RY713	37.4	31.2	105
Resistor R24	48.6	42.0	Reference
FS unit : RBM-Y1801F6PE (PCB no. 6)			
Switching Tranformer T01	38.7	32.2	105
Capacitor C08	36.5	30.2	105
Diode block DB01	36.7	30.3	Reference
Resistor R03	36.9	30.6	Reference
Relay RY713	37.4	34.7	105
Resistor R24	47.5	41.2	Reference
Ambient between PCB#1 and PCB#3	42.3	52.2	Reference
Ambient between PCB#3 and PCB#4	40.4	57.9	Reference
Ambient between PCB#5 and PCB#6	38.8	61.7	Reference
Outdoor unit: MMY-MAP1406FT8P-E			
Fan motor case outline	48.8	20.6	Reference
Fan motor coil	52.3	24.5	Reference
Fuse F01	46.6	25.4	Reference
Resistor R302	53.5	32.7	Reference
Fuse F101	46.8	24.8	Reference
Switching transformer T101	46.8	26.6	Reference
Smoothing capacitor C100	45.5	24.7	105
Relay RY515	46.0	28.8	105
Relay RY521	46.0	27.0	105
Relay RY513	47.7	28.8	105
Relay RY524	46.9	26.8	105
Relay RY502	46.5	24.9	105
Reactor coil for comp 1	55.9	73.7	165
Reactor coil for comp 2	57.5	46.7	165
2way valve coil SV41	48.9	34.6	110
2way valve coil SV42	47.5	29.0	110

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
2way valve coil SV51	52.4	30.8	Reference
2way valve coil SV2	57.3	45.8	110
2way valve coil SV3A	55.0	39.3	105
2way valve coil SV3B	61.3	50.1	105
2way valve coil SV3C	55.5	39.7	105
2way valve coil SV52	49.0	31.6	110
2way valve coil SV3D	62.0	50.1	105
Compressor 1 coil upper side	90.0	77.5	Reference
Compressor 1 coil lower side	94.9	83.1	Reference
Compressor 1case top	95.5	79.9	Reference
Compressor 2 coil upper side	95.5	83.5	Reference
Compressor 2 lower side	69.7	53.8	Reference
Compressor 2case top	99.9	88.1	Reference
Inlet panel front upper part	45.8	24.9	For clause 30
Inlet panel front part	47.9	27.6	For clause 30
Inlet panel lower part	44.7	22.8	For clause 30
Inlet panel back part	47.7	25.8	For clause 30
Inlet panel back lower part	44.4	23.0	For clause 30
Terminal block left part	45.7	25.1	For clause 30
Line filter (MCC-1608A)	46.8	26.8	Reference
Noise filter Fuse F01 (MCC-1608A)	49.9	33.4	Reference
Line filter L10 (MCC-1608A)	47.8	26.8	Reference
Relay RY10 (MCC-1608A)	50.8	29.9	Reference
Magnet contactor power line side (FC-1S)	48.7	28.1	90
Magnet contactor coil (FC-1S)	47.4	26.8	90
PTC Thermistor	47.0	26.6	Reference
Internal wire for power line	45.9	25.0	Reference
Line filter L404 (MCC-1673)	45.6	24.7	105
Fuse F02 (MCC-1673)	46.2	31.2	Reference
Resistor R500 (MCC-1673)	53.9	35.2	Reference
Fuse F01 for compressor 1	47.8	27.0	Reference
Fuse F02 for compressor 1	47.4	26.7	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Fuse F01 for compressor 2	48.4	27.1	Reference
Fuse F02 for compressor 2	51.3	31.3	Reference
Line filter L01 for comp 1	45.5	24.4	Reference
Line filter L01 for comp 2	46.7	25.4	105
CT T611 for comp 1	46.2	25.3	90
CT T201 for comp 1	49.9	28.2	Reference
CT T611 for comp 2	47.9	27.5	Reference
CT T201 for comp 2	51.3	29.8	Reference
Resistor R21 for compressor 1	48.3	29.7	Reference
Resistor R22 for compressor 1	46.9	30.5	Reference
Resistor R21 for compressor 2	50.7	32.7	Reference
Resistor R22 for compressor 2	48.9	28.3	Reference
SWT T101 for compressor 1	46.2	24.9	105
SWT T101 for compressor 2	46.7	26.3	Reference
Capacitor C11 for comp1	46.7	26.3	Reference
Capacitor C16 for comp1	46.3	26.0	Reference
Capacitor C11 for comp2	47.3	26.8	Reference
Capacitor C16 for comp2	47.1	27.3	Reference
Terminal block central	45.7	25.1	Reference
Fan motor ambient temperature	49.4	18.2	Reference
Bell mount front side	44.8	22.9	Reference
Indoor unit:MMC-AP0247HP-E_Unit A			
Air flow	21.7	38.6	Reference
Diode block DB01	35.9	28.3	Reference
Switching Tranformer T01	36.4	27.4	105
Line filter L01	34.7	26.8	90
Capacitor C08	34.1	26.4	105
Power modul IC101	46.3	37.5	90
Resistor R01	33.7	25.7	Reference
Terminal block left side	33.6	25.8	85
E-box temperature	52.5	43.6	Reference
Print Circuit board PW01	35.5	27.7	For clause 30

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Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Fan Motor	42.9	35.4	105
Resistor R24	38.5	27.5	Reference
Indoor unit:MMC-AP0247HP-E_Unit B			
Air flow	33.8	29.6	Reference
Diode block DB01	35.6	28.8	Reference
Switching Tranformer T01	35.4	28.7	105
Line filter L01	34.3	27.5	90
Capacitor C08	33.9	27.1	105
Power modul IC101	36.1	29.4	90
Resistor R01	33.4	26.5	Reference
Terminal block left side	33.3	26.5	85
E-box temperature	33.4	26.7	Reference
Print Circuit board PW01	34.7	27.9	For clause 30
Fan Motor	36.8	30.1	105
Resistor R24	45.5	38.6	Reference
Indoor unit:MMU-AP0484HP-E			
Lover Motor	34.6	26.0	Reference
E-box	35.1	27.6	90
Capacitor C08	39.6	31.2	105
Resistor R03	38.2	30.2	Reference
Diode block DB01	43.0	34.7	Reference
Power modul IC10	46.3	37.4	Reference
Line filter L01	42.7	32.4	90
Resistor R24	54.4	46.4	Reference
Switching Tranformer T01	52.7	43.7	105
Print Circuit board PW01	49.8	41.2	For clause 30
Power modul IC01	44.1	40.3	Reference
Air flow	33.7	26.1	Reference
Indoor unit:MMU-AP0364HP-E_Unit A			
Lover Motor	39.3	39.7	Reference
E-box	31.0	30.7	90
Capacitor C08	35.2	35.6	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Resistor R03	38.5	39.3	Reference
Diode block DB01	39.8	40.3	Reference
Power modul IC10	53.0	52.3	Reference
Line filter L01	33.6	33.2	90
Resistor R24	39.0	37.9	Reference
Switching Tranformer T01	47.0	44.5	105
Print Circuit board PW01	49.6	48.8	For clause 30
Power modul IC01	48.8	48.1	Reference
Air flow	30.3	41.9	Reference
Indoor unit:MMU-AP0364HP-E_Unit B			
Lover Motor	38.8	39.3	Reference
E-box	30.5	29.6	90
Capacitor	35.5	34.3	90
Resistor R034	59.5	58.5	Reference
Diode block DB01	41.9	40.5	Reference
Power modul IC10	60.2	58.5	Reference
Line filter L01	32.2	30.9	90
Resistor R24	40.9	39.8	Reference
Switching Tranformer T01	46.9	44.5	105
Print Circuit board PW01	52.0	50.7	For clause 30
Power modul IC01	48.1	47.0	Reference
Air flow	29.9	33.5	Reference
FS unit : RBM-Y1801F6PE (PCB no. 1)			
Switching Tranformer T01	41.1	31.6	105
Capacitor C08	38.2	28.9	105
Diode block DB01	38.3	28.8	Reference
Resistor R03	37.5	28.0	Reference
Relay RY713	39.4	33.2	105
Resistor R24	52.5	38.6	Reference
FS unit : RBM-Y1801F6PE (PCB no. 3)			
Switching Tranformer T01	41.3	32.0	105
Capacitor C08	38.4	29.4	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Diode block DB01	39.1	30.0	Reference
Resistor R03	37.9	28.8	Reference
Relay RY713	40.2	34.0	105
Resistor R24	53.4	40.2	Reference
FS unit : RBM-Y1801F6PE (boad no. 4)			
Switching Tranformer T01	41.3	32.6	105
Capacitor C08	38.1	29.0	105
Diode block DB01	38.6	29.4	Reference
Resistor R03	37.2	27.9	Reference
Relay RY713	39.5	33.3	105
Resistor R24	54.8	41.2	Reference
FS unit : RBM-Y1801F6PE (boad no. 6)			
Switching Tranformer T01	40.1	29.9	105
Capacitor C08	38.0	27.9	105
Diode block DB01	38.2	28.3	Reference
Resistor R03	37.6	28.8	Reference
Relay RY713	39.1	32.2	105
Resistor R24	53.3	40.3	Reference
Ambient between PCB#1 and PCB#3	44.1	53.3	Reference
Ambient between PCB#3 and PCB#4	42.3	61.6	Reference
Ambient between PCB#5 and PCB#6	42.9	57.7	Reference
Outdoor unit: MMY-MAP2006FT8P-E			
Fuse F01 for fan motor no.1	48.3	25.4	Reference
Resistor R302 fan motor no.1	55.2	28.5	Reference
Fuse F101 fan motor no.1	47.5	24.3	Reference
Switching transformer T101 fan motor no.1	48.1	25.3	105
Smoothing capacitor C100 fan motor no.1	47.7	25.0	105
Relay RY515	47.7	32.5	105
Relay RY521	47.6	27.2	105
Relay RY513	50.6	31.1	105
Relay RY524	47.8	33.0	105
Relay RY502	47.8	24.3	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Reactor coil for comp 1	58.9	37.9	165
Reactor coil for comp 2	57.0	35.6	165
2way valve coil SV41	54.0	41.2	110
2way valve coil SV42	53.3	45.8	110
2way valve coil SV51	48.4	55.8	110
2way valve coil SV2	49.9	40.4	110
2way valve coil SV3A	48.1	33.8	105
2way valve coil SV3B	48.4	55.9	105
2way valve coil SV3C	55.6	44.7	105
2way valve coil SV3D	61.0	46.2	105
Compressor 1 coil upper side	96.7	82.2	140
Compressor 1 coil lower side	98.5	84.8	140
Compressor 1case top	96.1	82.5	140
Compressor 2 coil upper side	89.9	76.5	140
Terminal block central	47.6	24.8	85
Inlet panel front upper part	47.3	24.0	For clause 30
Inlet panel front part	49.0	24.5	For clause 30
Inlet panel lower part	49.6	27.0	For clause 30
Inlet panel back part	59.1	38.1	For clause 30
Inlet panel back lower part	57.6	35.5	For clause 30
Terminal block left part	47.3	24.2	85
Line filter (MCC-1608A)	48.8	26.0	105
Noise filter Fuse F01 (MCC-1608A)	53.3	31.4	105
Line filter L10 (MCC-1608A)	51.0	28.0	105
Relay RY10 (MCC-1608A)	62.5	41.2	105
Magnet contactor power line side (FC-1S)	51.5	28.4	90
Magnet contactor coil (FC-1S)	49.8	25.7	90
PTC Thermistor	50.3	26.2	Reference
Internal wire for power line	47.4	23.2	75
Line filter L404 (MCC-1673)	47.3	24.3	105
Fuse F02 (MCC-1673)	50.2	29.9	Reference
Resistor R500 (MCC-1673)	54.4	34.9	Reference
Fuse F01 for compressor 1	51.2	30.2	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Fuse F02 for compressor 1	51.5	30.7	Reference
Fuse F01 for compressor 2	53.0	31.4	Reference
Fuse F02 for compressor 2	52.9	31.9	Reference
Line filter L01 for comp 1	49.7	25.7	105
Line filter L01 for comp 2	54.3	30.2	105
CT T611 for comp 1	47.8	23.8	90
CT T201 for comp 1	48.8	24.9	90
CT T611 for comp 2	48.1	25.1	90
CT T201 for comp 2	49.7	25.1	90
Resistor R21 for compressor 1	52.7	33.6	Reference
Resistor R22 for compressor 1	54.1	31.4	Reference
Resistor R21 for compressor 2	56.1	34.6	Reference
Resistor R22 for compressor 2	53.1	28.9	Reference
SWT T101 for compressor 1	47.6	23.5	105
SWT T101 for compressor 2	48.0	23.5	105
Capacitor C11 for comp1	47.4	23.8	85
Capacitor C16 for comp1	48.8	26.9	85
Capacitor C11 for comp2	46.4	21.6	85
Capacitor C16 for comp2	47.1	22.9	85
Fan motor case outline no.1	55.4	16.4	Reference
Fan motor case outline no.2	54.3	17.3	Reference
Fan motor ambient temperature no.1	49.3	16.5	Reference
Fan motor ambient temperature no.2	50.3	16.8	Reference
Fan motor coil no.1	49.4	17.2	105
Fan motor coil no.2	49.5	16.9	105
Bell mouth front side no.1	46.7	19.9	Reference
Bell mouth front side no.2	47.7	19.9	Reference
Compressor 2 lower side	45.7	24.8	140
Compressor 2case top	96.0	80.2	140
Indoor unit:MMC-AP0247HP-E_Unit A			
Air flow	34.5	24.7	Reference
Diode block DB01	37.9	25.4	Reference
Switching Tranformer T01	37.3	25.1	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Line filter L01	36.7	24.0	105
Capacitor C08	36.3	23.9	105
Power modul IC101	44.3	36.2	Reference
Resistor R01	35.7	25.2	Reference
Terminal block left side	35.5	23.5	85
E-box temperature	32.4	27.6	For clause 30
Print Circuit board PW01	37.2	24.9	For clause 30
Fan Motor	43.7	33.3	105
Resistor R24	38.4	25.7	Reference
Indoor unit:MMC-AP0247HP-E_Unit B			
Air flow	34.6	24.8	Reference
Diode block DB01	37.1	26.4	Reference
Switching Tranformer T01	36.9	26.6	105
Line filter L01	35.5	25.1	105
Capacitor C08	41.7	25.1	105
Power modul IC101	38.2	27.8	Reference
Resistor R01	34.9	24.6	Reference
Terminal block left side	34.9	24.5	85
E-box temperature	35.0	24.6	90
Print Circuit board PW01	35.9	25.5	For clause 30
Fan Motor	40.1	29.6	105
Resistor R24	44.8	34.3	Reference
Indoor unit:MMU-AP0484HP-E_Unit A			
Lover Motor	37.6	26.3	Reference
E-box	34.9	27.8	90
Capacitor C08	43.2	37.8	105
Resistor R03	34.9	27.4	Reference
Diode block DB01	37.6	30.1	Reference
Power modul IC10	44.5	36.0	Reference
Line filter L01	34.9	27.0	105
Resistor R24	45.7	39.7	Reference
Switching Tranformer T01	36.0	25.6	105
Print Circuit board PW01	41.2	32.2	For clause 30

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Power modul IC01	39.2	26.1	Reference
Air flow	13.8	42.6	Reference
Indoor unit:MMU-AP0484HP-E_Unit B			
Lover Motor	39.4	39.4	Reference
E-box	32.0	31.0	90
Capacitor C08	36.8	35.9	105
Resistor R03	40.7	39.2	Reference
Diode block DB01	42.2	40.7	Reference
Power modul IC10	54.3	52.1	Reference
Line filter L01	34.5	33.5	105
Resistor R24	43.7	41.5	Reference
Switching Tranformer T01	33.6	32.8	105
Print Circuit board PW01	50.8	49.3	For clause 30
Power modul IC01	53.3	52.0	Reference
Air flow	31.4	35.7	Reference
Indoor unit:MMU-AP0484HP-E_Unit C			
Lover Motor	36.8	38.0	Reference
E-box	30.1	30.9	90
Capacitor	30.9	30.4	105
Resistor R034	32.2	31.7	Reference
Diode block DB01	31.4	30.9	Reference
Power modul IC10	36.8	36.3	Reference
Line filter L01	31.2	30.5	105
Resistor R24	38.7	38.3	Reference
Switching Tranformer T01	33.6	32.7	105
Print Circuit board PW01	34.2	33.8	For clause 30
Power modul IC01	34.4	34.2	Reference
Air flow	29.9	32.9	Reference
Indoor unit:MMU-AP0484HP-E_Unit D			
Lover Motor	37.4	34.3	Reference
E-box	32.6	27.8	90
Capacitor	37.6	32.6	105
Resistor R034	43.2	38.4	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Diode block DB01	43.0	37.6	Reference
Power modul IC10	50.1	44.9	Reference
Line filter L01	37.4	30.1	105
Resistor R24	43.6	37.9	Reference
Switching Tranformer T01	43.0	38.1	105
Print Circuit board PW01	50.1	39.3	Reference
Power modul IC01	37.4	27.6	Reference
Air flow	43.6	31.4	Reference
FS unit : RBM-Y1801F6PE (PCB no. 1)			
Switching Tranformer T01	37.4	28.2	105
Capacitor C08	32.6	25.7	105
Diode block DB01	37.6	26.5	Reference
Resistor R03	43.2	25.1	Reference
Relay RY713	43.0	31.1	105
Resistor R24	50.1	25.1	Reference
FS unit : RBM-Y1801F6PE (PCB no. 3)			
Switching Tranformer T01	37.4	28.8	105
Capacitor C08	43.6	26.7	105
Diode block DB01	44.7	27.4	Reference
Resistor R03	44.6	26.3	Reference
Relay RY713	34.9	31.4	105
Resistor R24	32.2	39.1	Reference
FS unit : RBM-Y1801F6PE (PCB no. 4)			
Switching Tranformer T01	41.8	30.1	105
Capacitor C08	38.1	26.3	105
Diode block DB01	38.5	27.4	Reference
Resistor R03	37.2	26.0	Reference
Relay RY713	40.2	31.2	105
Resistor R24	54.9	41.5	Reference
FS unit : RBM-Y1801F6PE (boad no. 6)			
Switching Tranformer T01	39.2	28.5	105
Capacitor C08	37.2	26.4	105
Diode block DB01	37.6	26.8	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Resistor R03	37.7	26.8	Reference
Relay RY713	38.8	30.6	105
Resistor R24	52.0	39.4	Reference
Ambient between PCB#1 and PCB#3	45.3	51.6	Reference
Ambient between PCB#3 and PCB#4	42.9	56.5	Reference
Ambient between PCB#5 and PCB#6	44.3	55.6	Reference
Indoor unit type: MMD-AP0964H-E			
Printed circuit board temperature	52	50	For clause 30
IC200	51	49	Reference
IC002	55	53	Reference
Capacitor C154	55	53	85
Capacitor C151	51	49	Reference
Capacitor C090	46	43	Reference
Relay RY007	67	64	110
Relay RY006	44	41	110
Relay RY005	41	38	110
Diode Block DB203	49	46	Reference
Capacitor C201	53	50	85
FET Q202	61	59	Reference
Capacitor C202	51	49	85
Transformer primary	45	43	105
Transformer secondary	45	42	105
Drain Pump Motor	65	27	105
Power Supply Cord	33	31	75
Duct Inlet	31	30	Reference
Duct Outlet	22	45	Reference
Cabinet Front (E-box)	32	30	For clause 30
Indoor unit type: MMU-AP0124YH-E			
Printed circuit board temperature	40	45	For clause 30
IC200	42	44	Reference
IC002	50	53	Reference
Capacitor C154	38	42	85
Capacitor C151	34	37	85

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Capacitor C090	41	45	85
Relay RY007	59	63	110
Relay RY006	39	42	110
Relay RY005	35	37	110
Diode Block DB203	41	42	Reference
Capacitor C202	44	51	85
FET Q201	56	62	Reference
Capacitor C201	45	52	85
FET Q201 Solder side	51	58	Reference
IC200 Solder side	43	45	Reference
IC002 Solder side	46	49	Reference
Transformer primary	37	43	105
Transformer secondary	35	40	105
Fan Motor Front	54	50	105
Louver Motor Front	37	43	105
Drain Pump Motor	46	47	105
Power Supply Cord	30	32	75
1-way Cassette Inlet	33	28	Reference
1-way Cassette Outlet	18	50	Reference
Cabinet Front	34	29	For clause 30
Indoor unit type: MML-AP0244H-E			
Printed circuit board temperature	37	47	For clause 30
IC200	41	48	Reference
IC002	48	55	Reference
Capacitor C154	35	42	85
Capacitor C151	34	42	Reference
Capacitor C090	36	44	Reference
Relay RY007	53	59	110
Relay RY006	36	42	110
Relay RY005	34	39	110
Diode Block DB203	39	46	Reference
FET Q201 Solder side	41	47	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
IC002 Solder side	44	50	Reference
FET Q201 Solder side	42	49	Reference
Capacitor C201	36	45	105
FET Q202	44	50	Reference
Capacitor C202	36	43	105
Transformer primary	35	-	105
Transformer secondary	38	36	105
Fan Motor Front	53	52	105
Power Supply Cord	30	37	75
Floor Standing Cabinet Inlet	30	28	Reference
Floor Standing Cabinet Outlet	18	52	Reference
Cabinet Front	31	33	Refereence
Indoor unit type: MMK-AP0243H			
IC01	55	52	Reference
FET Q345	72	68	Reference
IC311	66	62	Reference
IC312	67	63	Reference
FET Q344	83	80	Reference
FET Q343	76	73	Reference
FET Q342	90	85	Reference
FET Q340	95	90	Reference
FET Q341	86	81	Reference
Capacitor C311	56	54	105
Capacitor C301	48	44	105
Switching IC IC310	73	69	Reference
IC301	58	54	Reference
IC302	51	47	Reference
Resistor R302)	44	40	Reference
Diode Block DB301	49	45	Reference
Resistor R302	54	50	Reference
Power Supply Cord	32	30	75
Fan Motor Front	44	44	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
High Wall Inlet	32	27	Reference
High Wall Outlet	28	34	Reference
Cabinet Front	32	28	Reference
Indoor unit type: MMU-AP0482WH			
Printed circuit board temperature	47	52	For clause 30
IC200	55	59	Reference
IC002	63	66	Reference
Capacitor C154	47	52	105
Capacitor C151	45	50	105
Capacitor C090	48	52	105
Relay RY007	70	73	105
Relay RY006	45	48	105
Relay RY005	42	44	105
Diode Block DB203	59	54	Reference
IC002 Solder side	55	60	Reference
IC200 Solder side	53	58	Reference
FET Q201 Solder side	62	66	Reference
Capacitor C201	54	58	105
FET Q201	68	70	Reference
Capacitor C202	51	56	105
Power Supply Cord	30	31	75
Fan Motor Front	54	56	105
2-way Cassette Inlet	29	31	Reference
2-way Cassette Outlet	22	45	Reference
Cabinet Front	28	30	Reference
Transformer primary	39	43	105
Transformer secondary	42	46	105
Printed circuit board	53	45	For clause 30
Indoor unit : MMU-AP0244SH-E			
Line filter L41	40	37	90
Line filter L201	44	41	90
Line filter L301	43	40	90

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Relay RY302	54	43	105
Switching transformer	58	56	105
Photo coupler IC01	52	51	Reference
Photo coupler IC311	69	57	Reference
Photo coupler IC312	65	62	Reference
Photo coupler IC302	50	48	Reference
Capacitor C302	49	47	105
Switching IC IC310	77	75	Reference
FET Q340	81	82	Reference
FET Q341	74	75	Reference
FET Q342	57	59	Reference
FET Q343	56	55	Reference
FET Q344	68	68	Reference
FET Q345	72	72	Reference
Resistor R302	46	44	Reference
Resistor R330	48	46	Reference
Diode block DB301	52	50	Reference
Resistor R329	57	55	Reference
Fuse F301	42	39	Reference
Fuse F302	52	49	Reference
EP-BOX surface	32	28	Reference
Power supply cord	33	29	75
Fan motor case surface	37	32	105
Drain pump motor surface	58	21	105
Panel surface	31	29	For clause 30
Outlet	19	53	Reference
Inlet	32	27	Reference
Indoor unit: MMC-AP0187HP-E			
Panel right side (E-box side)	33.9	29.8	For clause 30
Wood plate outline	32.2	28.3	90
Fan motor outline lower	37.6	34.2	105
Diode block DB01	43.3	38.9	Reference
Switching transformer T01	44.5	38.2	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Line filter L01	39.3	34.7	90
Line filter L401	35.8	31.9	105
Capacitor C08	37.1	32.9	105
Power-module IC 02	46.4	40.6	Reference
Resistor R04	37.1	32.3	Reference
Terminal block left side	32.3	28.3	85
E-box internal temperature	33.6	29.2	For clause 30
E-box outline temperature	33.2	28.9	For clause 30
Printed Circuit board PW01	39.8	35.4	For clause 30
Resister R23	58.5	55.1	Reference
Resister R24	54.8	49.8	Reference
Drain pomp motor	37.1	31.5	105
Suction temperature	31.9	28.1	Reference
PMV coil	33.0	47.0	105
Indoor unit: MMC-AP0247HP-E			
Panel right side (E-box side)	32.2	27.9	For clause 30
Wood plate outline	32.5	27.8	90
Fan motor outline lower	38.9	44.1	105
Diode block DB01	35.5	41.5	Reference
Switching transformer T01	34.9	29.7	105
Line filter L01	34.1	29.6	90
Line filter L401	34.9	30.3	105
Capacitor C08	32.9	28.5	85
Power-module IC 02	37.2	32.3	Reference
Resistor R04	34.5	29.9	Reference
Terminal block left side	32.2	27.7	85
E-box internal temperature	32.4	27.8	For clause 30
E-box outline temperature	32.1	27.6	For clause 30
Printed Circuit board PW01	34.3	29.8	For clause 30
Resister R23	41.9	37.8	Reference
Resister R24	44.3	39.8	Reference
Drain pomp motor	34.5	28.4	105
Suction temperature	31.5	27.6	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
PMV coil	33.0	46.0	105
Indoor unit: MMU-AP0302WH			
Louver motor case side	28	46	90
Louver motor case bottom	26	53	90
Drain pump outline	34	34	105
Fan motor coil	44	44	105
Suction panel outline E-box near part	31	28	Reference
Ceiling board outline	36	25	85
Suction temperature	30	31	Reference
Outline temperature	25	48	Reference
Indoor unit: MMU-AP0152WH			
Fan motor coil	51	36	105
Fan motor case surface	41	36	Reference
Louver motor case side	26	51	90
Louver motor case bottom	29	53	90
Suction panel outline E-box near part	31	31	Reference
Ceiling board outline	38	26	85
Remote controller switch	39	21	Reference
Remote controller cover	35	19	Reference
Suction temperature	31	32	Reference
Outline temperature	26	41	Reference
Indoor unit: MMD-AP0274SPH-E			
E-box internal temperature	39	36	85
Fuse F301	41	36	Reference
Relay RY 302	53	41	105
Line filter L301	49	45	90
Resistor R330	75	70	Reference
Diode DB301	61	59	Reference
Fuse F302	51	49	Reference
Switching IC IC310	65	64	Reference
Switching transformer T301	48	45	105
FET Q345	45	43	Reference
FET Q344	45	42	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
FET Q343	44	41	Reference
FET Q340	49	48	Reference
FET Q341	51	49	Reference
FET Q342	51	48	Reference
Fan motor outline	41	35	105
Fan motor bearing e-box far side	36	29	Reference
Fan motor bearing e-box near side	34	28	Reference
E-box cover outline	33	28	For clause 30
Cabinet outline e-box near side	31	27	For clause 30
Cabinet outline e-box far side	31	27	For clause 30
Inlet temperature(DB)	32	27	Reference
Inlet temperature(WB)	23	18	Reference
Outlet temperature(DB)	19	50	Reference
Indoor unit: MMF-AP0566H-E			
Panel right side (E-box side)	36.6		For clause 30
Wood plate outline	30.0		90
Diode Block DB01	53.4		Reference
Fan motor outline lower	47.0		105
Switching transformer T01	47.1		105
Line filter L01	432.		90
Line filter L401	38.7		90
Capacitor C08	41.0		105
Power Module IC101	40.2		Reference
Resister R04	51.1		Reference
Terminal block left side	31.1		85
E –box internal temperature	32.9		For clause 30
E – box outline temperature	31.7		For clause 30
Printed circuit board(PW01)	38.9		For clause 30
Resister R24	61.3		Reference
Suction temperature	30.8		Reference
PMV coil	31.2		105

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
R05	51.9		Reference
IC01	52.6		Reference
IC02	48.6		Reference
IC03	51.5		Reference
Reactor	33.8		105
R03	60.7		Reference
Bearing 1 of fan motor	33.5		Reference
Bearing 2 of fan motor	31.3		Reference
Coil of fan motor	49.4		105
Fet	49.9		Reference
PT	53.6		Reference
Air flow	30.0		Reference
Indoor unit : MML-AP0184NH-E			
Switching transformer T301	49	53	105
Line filter L41	41	45	105
Line filter L201	38	42	105
Line filter L301	52	58	105
Diode block DB301	48	53	Reference
Smoothing capacitor C302	47	52	105
Switching IC IC310	69	72	Reference
IC IC311	52	56	Reference
IC IC312	51	55	Reference
P.C.B outline (MCC-1510-02)	50	55	For clause 30
Terminal block	33	37	85
E-box internal temperature	42	46	For clause 30
E-box outline temperature	35	37	For clause 30
PMV coil outline	33	47	105
Fan motor frame	51	89	Reference
Fan motor bearing power side	42	78	Reference
Fan motor bearing opposite power side	45	79	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Fan motor coil	59	99	105
Cabinet top	30	32	85
Cabinet right side	31	30	Reference
Cabinet central	32	28	Reference
Cabinet operating panel	32	29	Reference
Suction temperature	32	27	Reference
Outlet temperature upper	17	48	Reference
Outlet temperature lower	20	42	Reference
Wood plate	31	29	175
Indoor unit: MMD-VNK1002HEXE			
Fan motor for air exhaust axis side	51	37	105
Fan motor for air exhaust case outline	54	39	105
FM for air exhaust atmosphere temp.	38	28	Reference
Metal plate left inside	34	26	Reference
Metal plate lower inside	34	26	Reference
Metal plate front inside	38	24	Reference
Fan motor for air supply axis side	44	38	105
Fan motor for air supply case outline	46	41	105
FM for air supply atmosphere temp.	32	29	Reference
Metal plate back inside	33	27	Reference
Metal plate upper inside	31	28	Reference
Metal plate right inside	33	26	Reference
Heat exchanger check plate outline central	30	29	Reference
E-box cover outline	32	25	For clause 30
Filter box lid outline central	32	25	Reference
Magnetic valve coil outline	30	32	110
Magnetic valve atmosphere temp.	29	34	105
Decompression valve1 coil outline	33	29	105
Decompression valve1 atmosphere temp.	33	29	105
Decompression valve2 coil outline	33	29	105

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Decompression valve2 atmosphere temp.	33	29	105
Line filter L01	34	29	105
Resistor R05	49	45	Reference
Relay RY704	39	31	105
Relay RY705	36	30	105
Diode block DB01	35	29	Reference
Resistor R03	34	28	Reference
Capacitor C08	36	29	105
IC IC101	44	38	Reference
Switching transformer T101	39	31	105
Transistor Q131	48	42	Reference
Terminal block left side	32	26	85
E-box internal temperature	32	26	Reference
Outlet temperature	20	40	Reference
Inlet temperature	31	28	Reference
Remote controller unit : NRC-01			
Operation button outline	37	27	85
Function part lid outline	36	26	85
Indoor unit: MMD-VNK1002HEXE2			
Fan motor for air exhaust axis side	34	45	105
Fan motor for air exhaust case outline	34	47	105
FM for air exhaust atmosphere temp.	35	28	Reference
Metal plate left inside	33	25	Reference
Metal plate lower inside	34	27	Reference
Metal plate front inside	34	25	Reference
Fan motor for air supply axis side	31	52	105
Fan motor for air supply case outline	31	53	105
FM for air supply atmosphere temp.	32	31	Reference
Metal plate back inside	32	29	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Metal plate upper inside	34	27	Reference
Metal plate right inside	33	26	Reference
Heat exchanger check plate outline central	35	27	Reference
E-box cover outline	34	26	For clause 30
Filter box lid outline central	33	25	Reference
Magnetic valve coil outline	32	32	110
Magnetic valve atmosphere temp.	32	34	105
Decompression valve1 coil outline	31	29	105
Decompression valve1 atmosphere temp.	31	29	105
Decompression valve2 coil outline	31	29	105
Decompression valve2 atmosphere temp.	31	29	105
Line filter L01	36	29	105
Resistor R05	59	45	Reference
Relay RY704	35	31	105
Relay RY705	36	30	105
Diode block DB01	37	29	Reference
Resistor R03	35	28	Reference
Capacitor C08	38	29	105
IC IC101	45	38	Reference
Switching transformer T101	40	31	105
Transistor Q131	52	42	Reference
Terminal block left side	34	26	85
E-box internal temperature	34	26	Reference
Outlet temperature	32	39	Reference
Inlet temperature	33	27	Reference
Indoor unit: MMD-VNK802HEXE-TR			
Fan motor for air exhaust axis side	62	44	105
Fan motor for air exhaust case outline	65	46	105
FM for air exhaust atmosphere temp.	40	29	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Metal plate left inside	35	26	Reference
Metal plate lower inside	35	26	Reference
Metal plate front inside	38	24	Reference
Fan motor for air supply axis side	57	47	105
Fan motor for air supply case outline	60	50	105
FM for air supply atmosphere temp.	34	29	Reference
Metal plate back inside	34	27	Reference
Metal plate upper inside	33	28	Reference
Metal plate right inside	34	26	Reference
Heat exchanger check plate outline central	33	27	Reference
E-box cover outline	33	25	For clause 30
Filter box lid outline central	33	25	Reference
Outlet temperature	21	42	Reference
Inlet temperature	34	28	Reference
Indoor unit: MMD-VNK502HEXE			
Fan motor for air exhaust axis side	66	45	140
Fan motor for air exhaust case outline	80	56	140
FM for air exhaust atmosphere temp.	39	28	Reference
Metal plate left inside	36	26	Reference
Metal plate lower inside	36	25	Reference
Metal plate front inside	37	25	Reference
Fan motor for air supply axis side	58	46	140
Fan motor for air supply case outline	69	56	140
FM for air supply atmosphere temp.	34	27	Reference
Metal plate back inside	34	27	Reference
Metal plate upper inside	34	26	Reference
Metal plate right inside	34	26	Reference
Heat exchanger check plate outline central	31	29	Reference
E-box cover outline	34	26	For clasue 30

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature measured, T (°C)		Max. temperature limit, T (°C)
Filter box lid outline central	34	25	Reference
Outlet temperature	19	43	Reference
Inlet temperature	32	26	Reference
Drain pump kit : TCB-DP31HEXE			
Drain pump motor upper part	80	28	105
Drain pump motor lower part	77	28	105
Drain pump atmosphere temp	40	27	105
Supplementary information: The highest measurement from all test voltages in both cooling and heating mode is put in this table.			

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Clause	Requirement + Test	Result - Remark	Verdict

11.8	TABLE: Heating test, resistance method					P
	Test voltage (V) ....:	Outdoor unit: 357.2V, 50Hz/ 440V, 50Hz Indoor unit: 206.8V, 50Hz/60Hz 254.4V,50Hz/ 233.2V, 60Hz				—
	Ambient, t1 (°C) ....:	46/24 (DB/WB outdoor) 32/23 (DB/WB indoor)				—
	Ambient, t2 (°C) ....:	24/18 (DB/WB outdoor) 28/ - (DB/WB indoor)				—
Temperature rise of winding		R1 (Ω)	R2 (Ω)	T (°C)	Max. T (°C)	Insulation class
Outdoor unit: MMY-MAP1006FT8P-E						
Cooling mode						
Compressor 1 (black-red)		0.824	1.041	87.0	140	Synthetic
Compressor 1 (white-black)		0.829	1.078	96.4	140	Synthetic
Compressor 1 (red-white)		0.832	1.081	96.2	140	Synthetic
Compressor 2 (black-red)		0.820	1.082	101.3	140	Synthetic
Compressor 2 (white-black)		0.826	1.096	103.2	140	Synthetic
Compressor 2 (red-white)		0.828	1.097	102.7	140	Synthetic
Fan motor (black-red)		8.91	10.41	62.8	115	E
Fan motor (White-black)		8.84	10.32	62.6	115	E
Fan motor (White-red)		8.76	10.29	64.5	115	E
Solenoid coil		2080	2395	58.5	120	B
2way valve coil SV2		2104	2457	62.7	120	B
2way valve coil SV41		2113	2402	54.8	120	B
2way valve coil SV42		2102	2407	56.9	120	B
2way valve coil SV3A		2135	2414	53.3	120	B
2way valve coil SV3B		1443	1631	53.2	120	B
2way valve coil SV3C		2108	2407	56.1	120	B
2way valve coil SV3D		2076	2388	58.2	120	B
2way valve coil SV3E		2152	2621	75.5	120	B
2way valve coil SV51		2071	2421	63.0	120	B
2way valve coil SV52		2074	2319	50.1	120	B
Heating mode						
Compressor 1 (black-red)		0.824	1.015	79.0	140	Synthetic
Compressor 1 (white-black)		0.829	1.076	95.8	140	Synthetic

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Clause	Requirement + Test	Result - Remark	Verdict

Temperature rise of winding	R1 (Ω)	R2 (Ω)	T (°C)	Max. T (°C)	Insulation class
Compressor 1 (red-white)	0.832	1.079	95.6	140	Synthetic
Compressor 2 (black-red)	0.820	1.056	93.2	140	Synthetic
Compressor 2 (white-black)	0.826	1.002	74.2	140	Synthetic
Compressor 2 (red-white)	0.828	1.013	76.9	140	Synthetic
Fan motor (black-red)	8.91	10.22	57.4	115	E
Fan motor (White-black)	8.84	10.56	69.5	115	E
Fan motor (White-red)	8.76	10.54	71.7	115	E
Solenoid coil	2080	2440	64.0	120	B
2way valve coil SV2	2104	2398	55.6	120	B
2way valve coil SV41	2113	2368	50.7	120	B
2way valve coil SV42	2102	2410	57.3	120	B
2way valve coil SV3A	2135	2430	55.2	120	B
2way valve coil SV3B	1443	1650	56.5	120	B
2way valve coil SV3C	2108	2377	52.5	120	B
2way valve coil SV3D	2076	2610	85.5	120	B
2way valve coil SV3E	2152	2413	50.9	120	B
2way valve coil SV51	2071	2350	54.3	120	B
2way valve coil SV52	2074	2400	60.0	120	B
Outdoor unit: MMY-MAP1406FT8P-E					
Cooling mode					
Compressor 1 (black-red)	0.324	0.412	89.1	140	Synthetic
Compressor 1 (white-black)	0.323	0.415	92.5	140	Synthetic
Compressor 1 (red-white)	0.323	0.411	89.3	140	Synthetic
Compressor 2 (black-red)	0.321	0.398	81.0	140	Synthetic
Compressor 2 (white-black)	0.320	0.415	95.6	140	Synthetic
Compressor 2 (red-white)	0.320	0.412	93.2	140	Synthetic
Fan motor (black-red)	8.72	9.88	53.9	115	E
Fan motor (White-black)	8.77	9.56	42.9	115	E
Fan motor (White-red)	8.74	9.87	52.9	115	E
Solenoid coil	2081	2286	45.1	120	B
2way valve coil SV2	2129	2413	53.9	120	B
2way valve coil SV41	2019	2301	55.5	120	B

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Clause	Requirement + Test	Result - Remark	Verdict

Temperature rise of winding	R1 (Ω)	R2 (Ω)	T (°C)	Max. T (°C)	Insulation class
2way valve coil SV42	2145	2510	63.3	120	B
2way valve coil SV3A	2129	2310	41.6	120	B
2way valve coil SV3B	1452	1650	54.7	120	B
2way valve coil SV3C	2133	2315	41.7	120	B
2way valve coil SV3D	2118	2283	39.8	120	B
2way valve coil SV3E	2142	2314	40.4	120	B
2way valve coil SV51	2034	2296	52.8	120	B
2way valve coil SV52	2118	2287	40.3	120	B
Heating mode					
Compressor 1 (black-red)	0.324	0.398	78.1	140	Synthetic
Compressor 1 (white-black)	0.323	0.405	84.6	140	Synthetic
Compressor 1 (red-white)	0.323	0.399	79.9	140	Synthetic
Compressor 2 (black-red)	0.321	0.402	84.2	140	Synthetic
Compressor 2 (white-black)	0.320	0.411	92.4	140	Synthetic
Compressor 2 (red-white)	0.320	0.396	80.4	140	Synthetic
Fan motor (black-red)	0.8.72	10.21	63.5	115	E
Fan motor (White-black)	0.8.77	10.13	59.5	115	E
Fan motor (White-red)	0.8.74	10.24	63.7	115	E
Solenoid coil	2081	2311	48.1	120	B
2way valve coil SV2	2129	2415	54.2	120	B
2way valve coil SV41	2019	2299	55.3	120	B
2way valve coil SV42	2145	2510	63.3	120	B
2way valve coil SV3A	2129	2345	45.8	120	B
2way valve coil SV3B	1452	1596	45.2	120	B
2way valve coil SV3C	2133	2289	38.6	120	B
2way valve coil SV3D	2118	2375	50.9	120	B
2way valve coil SV3E	2142	2306	39.5	120	B
2way valve coil SV51	2034	2301	53.4	120	B
2way valve coil SV52	2118	2298	41.6	120	B
Outdoor unit: MMY-MAP2006FT8P-E					
Cooling mode					
Compressor 1 (black-red)	0.327	0.429	99.4	140	Synthetic

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Clause	Requirement + Test	Result - Remark	Verdict

Temperature rise of winding	R1 (Ω)	R2 (Ω)	T (°C)	Max. T (°C)	Insulation class
Compressor 1 (white-black)	0.327	0.430	100.2	140	Synthetic
Compressor 1 (red-white)	0.325	0.423	96.7	140	Synthetic
Compressor 2 (black-red)	0.323	0.421	97.2	140	Synthetic
Compressor 2 (white-black)	0.322	0.421	98.2	140	Synthetic
Compressor 2 (red-white)	0.323	0.423	98.8	140	Synthetic
Fan motor (black-red)	9.03	10.55	62.8	115	E
Fan motor (White-black)	9.02	10.65	66.0	115	E
Fan motor (White-red)	9.03	10.68	66.5	115	E
Fan motor (black-red)	9.07	10.36	56.2	115	E
Fan motor (White-black)	9.02	10.43	59.8	115	E
Fan motor (White-red)	9.06	10.41	57.9	115	E
Solenoid coil	2102	2500	68.2	120	B
2way valve coil SV2	2144	2511	63.6	120	B
2way valve coil SV41	2164	2489	58.2	120	B
2way valve coil SV42	2129	2401	52.5	120	B
2way valve coil SV3A	2154	2453	55.3	120	B
2way valve coil SV3B	1483	1640	46.9	120	B
2way valve coil SV3C	2151	2467	57.4	120	B
2way valve coil SV3D	2144	2499	62.1	120	B
2way valve coil SV3E	2179	2651	75.1	120	B
2way valve coil SV51	2130	2503	64.6	120	B
2way valve coil SV52	2110	2435	59.2	120	B
2way valve coil SVD (FS unit#1)	1625	1722	35.2	120	B
2way valve coil SVDD	1465	1650	52.1	120	B
2way valve coil SVSS	1460	1680	58.3	120	B
2way valve coil SVS#1	1453	1596	45.0	120	B
2way valve coil SVS#2	1461	1732	67.2	120	B
2way valve coil SVD (FS unit#3)	1631	1745	37.8	120	B
2way valve coil SVDD	1470	1700	59.8	120	B
2way valve coil SVSS	1452	1711	65.4	120	B
2way valve coil SVS#1	1447	1623	51.0	120	B
2way valve coil SVS#2	1420	1586	49.8	120	B

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Clause	Requirement + Test	Result - Remark	Verdict

Temperature rise of winding	R1 (Ω)	R2 (Ω)	T (°C)	Max. T (°C)	Insulation class
2way valve coil SVD (FS unit#4)	1630	1768	41.5	120	B
2way valve coil SVDD	1441	1633	53.9	120	B
2way valve coil SVSS	1456	1560	38.2	120	B
2way valve coil SVS#1	1460	1735	67.9	120	B
2way valve coil SVS#2	1424	1586	49.0	120	B
2way valve coil SVD (FS unit#6)	1626	1770	42.5	120	B
2way valve coil SVDD	1456	1680	59.2	120	B
2way valve coil SVSS	1452	1685	60.8	120	B
2way valve coil SVS#1	1443	1672	60.4	120	B
2way valve coil SVS#2	1460	1553	36.2	120	B
Heating mode					
Compressor 1 (black-red)	0.327	0.411	85.4	140	Synthetic
Compressor 1 (white-black)	0.327	0.412	86.2	140	Synthetic
Compressor 1 (red-white)	0.325	0.423	96.7	140	Synthetic
Compressor 2 (black-red)	0.323	0.423	98.8	140	Synthetic
Compressor 2 (white-black)	0.322	0.412	91.1	140	Synthetic
Compressor 2 (red-white)	0.323	0.421	97.2	140	Synthetic
Fan motor (black-red)	9.03	10.55	62.8	115	E
Fan motor (White-black)	9.02	10.65	66.0	115	E
Fan motor (White-red)	9.03	10.45	60.0	115	E
Fan motor (black-red)	9.07	10.31	54.8	115	E
Fan motor (White-black)	9.02	10.62	65.1	115	E
Fan motor (White-red)	9.06	10.35	56.2	115	E
Solenoid coil	2102	2501	68.3	120	B
2way valve coil SV2	2144	2503	62.6	120	B
2way valve coil SV41	2164	2480	57.2	120	B
2way valve coil SV42	2129	2400	52.4	120	B
2way valve coil SV3A	2154	2413	50.6	120	B
2way valve coil SV3B	1483	1640	46.9	120	B
2way valve coil SV3C	2151	2468	57.5	120	B
2way valve coil SV3D	2144	2503	62.6	120	B
2way valve coil SV3E	2179	2655	75.6	120	B

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Clause	Requirement + Test	Result - Remark	Verdict

Temperature rise of winding	R1 (Ω)	R2 (Ω)	T (°C)	Max. T (°C)	Insulation class
2way valve coil SV51	2130	2531	67.9	120	B
2way valve coil SV52	2110	2391	53.9	120	B
2way valve coil SVD (FS unit#1)	1625	1721	35.0	120	B
2way valve coil SVDD	1465	1645	51.3	120	B
2way valve coil SVSS	1460	1678	58.0	120	B
2way valve coil SVS#1	1453	1589	43.8	120	B
2way valve coil SVS#2	1461	1523	30.8	120	B
2way valve coil SVD (FS uint#3)	1631	1742	37.3	120	B
2way valve coil SVDD	1470	1699	59.6	120	B
2way valve coil SVSS	1452	1698	63.1	120	B
2way valve coil SVS#1	1447	1586	44.4	120	B
2way valve coil SVS#2	1420	1593	51.0	120	B
2way valve coil SVD (FS unit#4)	1630	1800	46.5	120	B
2way valve coil SVDD	1441	1632	53.7	120	B
2way valve coil SVSS	1456	1560	38.2	120	B
2way valve coil SVS#1	1460	1752	70.9	120	B
2way valve coil SVS#2	1424	1582	48.2	120	B
2way valve coil SVD (FS unit#6)	1626	1796	46.6	120	B
2way valve coil SVDD	1456	1680	59.2	120	B
2way valve coil SVSS	1452	1789	79.1	120	B
2way valve coil SVS#1	1443	1683	62.3	120	B
2way valve coil SVS#2	1460	1677	57.8	120	B
Supplementary information:					
Indoor unit: MMU-AP0562WH					
Fan motor (black-red)	34.14	38.1	70.7	115	E
Fan motor (White-black)	34.30	37.9	67.4	115	E
Fan motor (White-red)	34.22	37.6	65.7	115	E
Indoor unit: MMU-AP0564HP-E					
Fan motor (black-red)	30.2	38.2	90.9	115	E
Fan motor (White-black)	33.9	38.4	57.0	115	E
Fan motor (White-red)	33.8	38.6	59.3	115	E
Indoor unit: MMD-AP0274SPH-E					

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Clause	Requirement + Test	Result - Remark	Verdict

Temperature rise of winding	R1 (Ω)	R2 (Ω)	T (°C)	Max. T (°C)	Insulation class
Fan motor (black-red)	24.70	26.50	43	115	E
Fan motor (white-black)	24.58	26.60	46	115	E
Fan motor (red-white)	24.52	26.50	45	115	E
Indoor unit:MMD-AP0964H-E					
Drain pump motor	133.4	163	79	115	E
Indoor unit : MMU-AP0124YH-E					
Fan motor (red-black)	262.3	325.5	84	115	E
Fan motor (black-white)	278.8	337.8	77	115	E
Drain pump motor	494.4	565.0	59	115	E
Indoor unit:MML-AP0244H-E					
Fan motor (red-black)	49.0	57.5	64	115	E
Fan motor (black-white)	61.5	71.8	62	115	E
Indoor unit:MMK-AP0243H					
Fan motor (red-black)	24.4	27.0	52	115	E
Indoor unit:MMU-AP0244SH-E					
Fan motor (red-white)	52.4	57.6	51	115	E
Drain pump motor	255.0	300.4	70	115	E
Indoor unit: MMD-AP0566HP-E					
Fan motor (black-red)	4.21	5.12	89.6	115	E
Fan motor (white-black)	4.47	5.22	76.7	115	E
Fan motor (red-white)	8.33	10.55	103.0	115	E
Indoor unit: MMD-AP0276HP-E					
Fan motor (black-red)	8.55	10.56	94.6	115	E
Fan motor (white-black)	5.71	10.81	96.2	115	E
Fan motor (red-white)	8.33	10.42	98.8	115	E
Indoor unit : MMD-VNK1002HEXE					
Fan motor for air exhaust	20.15	24.11	71	115	E
Fan motor for air supply	20.07	23.31	62	115	E
Decompression valve1	2982	3132	33	115	E
Decompression valve2	2978	3127	34	115	E
Indoor unit : MMD-VNK802HEXE					
Fan motor for air exhaust	15.91	20.47	93	115	E

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Clause	Requirement + Test	Result - Remark	Verdict

Fan motor for air supply	16.04	20.29	88	115	E
Indoor unit : MMD-VNK502HEXE					
Fan motor for air exhaust	49.12	66.55	113	115	E
Fan motor for air supply	49.08	65.71	109	115	E
Drain pump kit : TCB-DP31HEXE					
Fan motor for air exhaust	257.2	323.5	90	115	E
Supplementary information: The highest measurement from all test voltages in both cooling and heating mode is put in this table.					

13.2	**TABLE: Leakage current**		P
	Heating appliances: 1,15 x rated input (W) ....:	--	—
	Motor-operated and combined appliances: 1,06 x rated voltage (V) ....:	233.2V, 60Hz, 254.4V, 50Hz (indoor unit) 440V, 50Hz (outdoor unit)	—
Leakage current between		I (mA)	Max. allowed I (mA)
Indoor unit / Outdoor unit:			
L, N and Earthed metal part		6.0	10
L, N and plastic parts		0.1	0.25
Supplementary information: The highest measurement from cooling and heating mode from all models is put in this table. - For class I appliance, limit = 2mA per kilowatt of rated power input with a maximum of 10mA			

13.3	**TABLE: Dielectric strength**		P
Test voltage applied between:		Test potential applied (V)	Breakdown / flashover (Yes/No)
L,N—Earthed metal parts		1000	No
Parts separated by supplementary insulation		1750	No
L,N—Fan guard of outdoor unit		3000	No
L,N—Plastic panel of indoor unit		3000	No
Supplementary information: N/A			

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Clause	Requirement + Test	Result - Remark	Verdict

14	**TABLE: Transient overvoltages**				N/A
Clearance between:	Cl (mm)	Required Cl (mm)	Rated impulse voltage (V)	Impulse test voltage (V)	Flashover (Yes/No)
Supplementary information: N/A					

16.2	**TABLE: Leakage current**			P
	Single phase appliances: 1,06 x rated voltage (V) ....:	233.2V, 60Hz, 254.4V, 50Hz (indoor unit)		—
	Three phase appliances 1,06 x rated voltage divided by √3 (V)...:	254V, 50Hz (outdoor unit)		—
Leakage current between		I (mA)	Max. allowed I (mA)	
Indoor unit / Outdoor unit:				
L, N and Earthed metal part		6.8	10	
L, N and plastic parts		0.10	0.25	
Supplementary information: N/A				

16.3	**TABLE: Dielectric strength**		P
Test voltage applied between:		Test potential applied (V)	Breakdown / flashover (Yes/No)
L,N—Earthed metal parts		1000	No
Parts separated by supplementary insulation		1750	No
L,N—Fan guard of outdoor unit		3000	No
L,N—Plastic panel of indoor unit		3000	No
Supplementary information: N/A			

17	**TABLE: Overload protection**		P
Thermocouple locations		Max. temperature measured, T (°C)	Max. temperature limit, T (°C)
Transformer T101		58.7	175
Transformer SWT-91		54.5	165
Supplementary information: N/A			

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Clause	Requirement + Test	Result - Remark	Verdict

17	TABLE: Overload protection, resistance method				N/A
	Test voltage (V)..:				—
	Ambient, t1 (°C)..:				—
	Ambient, t2 (°C)..:				—
Temperature of winding	R1 (Ω)	R2 (Ω)	Δ T (K)	T (°C)	Max. T (°C)
Supplementary information: N/A					

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Clause	Requirement + Test	Result - Remark	Verdict

19	**Abnormal operation conditions**						P
Operational characteristics		YES/NO	Operational conditions				
Are there electronic circuits to control the appliance operation?		Yes					
Are there "off" or "stand-by" position?		Yes					
The unintended operation of the appliance results in dangerous malfunction?		No					
Sub-clause	Operating conditions description	Test results description	PEC description	EMP 19.11.4	Software type required	19.11.3 PEC	Final result
19.2	As specified	No hazard	Protect by Thermistor	Yes	N/A	Short circuit of thermistor	P
19.3	As specified	No hazard	Protect by Self resetting thermal cut-out	N/A	N/A	N/A	P
19.4	As specified	No hazard	Protect by shunt resistor	Yes	N/A	Short circuit of Shunt resister	P
19.5	As specified	No hazard	Protect by Thermistor	Yes	N/A	Short circuit of thermis tor	P
19.6	N/A	--	--	--	--	--	--
19.7	As specified	No hazard	Protect by Pressure switch	Yes	N/A	Short Pressur e switch	P
19.8	--	--	--	--	--	--	--
19.9	--	--	--	--	--	--	--
19.10	As specified	No hazard	Protect by shunt resistor	Yes	N/A	Short circuit of Shunt resister	P
19.11.2	As specified	No hazard	N/A	Yes	N/A	N/A	P
19.11.4.8	N/A	--	--	--	--	--	--
19.101	N/A	--	--	--	--	--	--
Supplementary information: N/A							

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Clause	Requirement + Test	Result - Remark	Verdict

19.2	**Abnormal operation conditions – locked rotor test other than motor-compressors**					P
	Ambient, t1 (°C):	23°C				—
	Ambient, t2 (°C):	23°C				—
	Test voltage (V) :	220V				—
Temperature limit T of winding:		R_1 (Ω)	R_2 (Ω)	Measured T (°C)	Limit T (°C)	Insulation class
fan motor case of Indoor unit		--	--	120.0	165	E
fan motor case of Outdoor unit		--	--	120.0	165	E

19.2	**TABLE: electric strength measurements after 72 hours**		P
Test voltage applied between:		Test voltage (V)	Breakdown Yes / No
L-N-Earthed metal parts		1250	No
Parts separated by supplementary insulation		1750	No
L-N-Plastic panel of compressor(Cover compressor)		3000	No

19.2	**TABLE: leakage current measurements after 72 hours**		P
	A voltage equal to twice the rated voltage (V) :		—
Leakage current I between :		I (mA)	Required I (mA)
L-N-Earthed metal parts		0.25	10
L-N-Plastic panel of compressor(Cover compressor)		0.1	0.25

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Clause	Requirement + Test	Result - Remark	Verdict

19.3	**Abnormal operation conditions – Locked rotor test motor-compressor**		P
	Motor-compressor...:	RA421A3TB-20MD	
	Start device ....:	Circuit drive by PCB	
	Protector...:	Shunt resistor	
	Start capacitor ....:	No	
	Run capacitor .... :	No	
	Cooling; (static); (fan-m^3/h); (oil); ....:	Oil	
	Thermal motor-protection system ....:	N/A	

	Self-resetting				Manually reset
Rated voltage	Vn max (V)			Vn max (V)	Vn min (V)
	After 72 h	After 288 h	After 360 h	After 363 h	After 50 cycles
High-voltage test (see 16.3)	--	--	--	--	P
Leakage current (mA) (see 16.2)	--	--	--	--	0.25
Electric strength (see 13.3)	--	--	--	--	P
Room temperature (°C) (20 ± 5°C)	--	--	--	--	23.5
Number of cycles (≥ 2000 or 50)	--	--	--	--	50
Housing temperature (°C) (≤ 150°C)	--	--	--	--	33.1
supplementary information: N/A					

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Clause	Requirement + Test	Result - Remark	Verdict

19.3	**Abnormal operation conditions – Locked rotor test motor-compressor**		P
	Motor-compressor...:	RA641A3TB-20M	
	Start device ....:	Circuit drive by PCB	
	Protector...:	Shunt resistor	
	Start capacitor ....:	No	
	Run capacitor .... :	No	
	Cooling; (static); (fan-m^3/h); (oil); ....:	Oil	
	Thermal motor-protection system ....:	N/A	

	Self-resetting				Manually reset
Rated voltage	Vn max (V)			Vn max (V)	Vn min (V)
	After 72 h	After 288 h	After 360 h	After 363 h	After 50 cycles
High-voltage test (see 16.3)	--	--	--	--	P
Leakage current (mA) (see 16.2)	--	--	--	--	0.40
Electric strength (see 13.3)	--	--	--	--	P
Room temperature (°C) (20 ± 5°C)	--	--	--	--	23.5
Number of cycles (≥ 2000 or 50)	--	--	--	--	54
Housing temperature (°C) (≤ 150°C)	--	--	--	--	33.1
supplementary information: N/A					

19.5-19.9	**Abnormal operation conditions**	P
Subclause	Effect	Verdict
19.5	Not emit flames and enclosures not deform	P
19.6		N/A
19.7	Not emit flames and enclosures not deform	P
19.8		N/A
19.9		N/A
Supplementary information: N/A		

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Clause	Requirement + Test	Result - Remark	Verdict

19.10	**Abnormal operation conditions**	P
Failure description	Effect	Verdict
Stopping in any position	Not emit flames and enclosures not deform	P
Disconnect and reconnection of supply	Not emit flames and enclosures not deform	P
Open/short circuit of component	Not emit flames and enclosures not deform	P
Supplementary information: N/A		

19.11.2	Abnormal Operation			P
Fault condition	Short circuit	Open circuit	Effected	Verdict
Fault condition tests **PCB:MCC-1669**				
C201		X	Normal operated	P
	X		R201 open	P
C202		X	Normal operated	P
	X		R202 open	P
C203		X	Normal operated	P
	X		R203 open	P
C121		X	Unit not operated.	P
	X		Operate is stopped by MCU.	P
C123		X	Unit not operated.	P
	X		Operate is stopped by MCU.	P
C126		X	Unit not operated..	P
	X		Operate is stopped by MCU.	P
C102		X	Unit not operated.	P
	X		R102 open	P
C104		X	Unit not operated.	P
	X		Unit not operated.	P
C11		X	Unit not operated.	P
	X		Unit not operated.	P
C13		X	Unit not operated.	P
	X		Unit not operated.	P
C14		X	Unit not operated.	P
	X		Unit not operated.	P
C241		X	Unit not operated.	P
	X		F02 open	P
D101		X	Normal operated	P
	X		Normal operated	P
D103		X	Normal operated	P
	X		Unit not operated.	P
DB01 Pin 1(+)		X	Unit not operated.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
Pin 2		X	Unit not operated.	P
Pin 3		X	Unit not operated.	P
Pin 4		X	Unit not operated.	P
Pin 5(-)	X	X	Unit not operated.	P
Pin 2-3	X		F02 open	P
Pin 3-4	X		F02 open	P
Pin 1-5	X		F02 open	P
IC01 Pin1		X	Unit not operated.	P
Pin2		X	Unit not operated.	P
Pin3		X	Unit not operated.	P
Pin4		X	Unit not operated.	P
Pin5		X	F101 open	P
Pin7		X	F101 open	P
Pin1-2	X		Operate is stopped by MCU.	P
Pin2-3	X		R102 open	P
Pin3-4	X		Operate is stopped by MCU.	P
Pin-5-7	X		R103 open	P
Q201 Pin1		X	Unit not operated.	P
Pin3		X	Unit not operated.	P
Pin4		X	Unit not operated.	P
Pin6		X	Unit not operated.	P
Pin7		X	Unit not operated.	P
Pin9		X	Unit not operated.	P
Pin10		X	Unit not operated.	P
Pin12		X	Unit not operated.	P
Pin13		X	Unit not operated.	P
Pin14		X	Unit not operated.	P
Pin15		X	Unit not operated.	P
Pin16		X	Unit not operated.	P
Pin18		X	Unit not operated.	P
Pin22		X	Unit not operated.	P
Pin23		X	Unit not operated.	P
Pin26		X	Unit not operated.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
Pin27		X	Unit not operated.	P
Pin28		X	Unit not operated.	P
Pin34		X	Unit not operated.	P
Pin36		X	Unit not operated.	P
Pin38		X	Unit not operated.	P
Pin40		X	Unit not operated.	P
Pin3-4	X		Operate is stopped by MCU.	P
Pin6-7	X		Operate is stopped by MCU.	P
Pin9-10	X		Operate is stopped by MCU.	P
Pin12-13	X		Operate is stopped by MCU.	P
Pin13-14	X		Operate is stopped by MCU.	P
Pin14-15	X		F101 open	P
Pin18-19	X		Operate is stopped by MCU.	P
Pin21-22	X		F101 open	P
Pin22-23	X		Operate is stopped by MCU.	P
Pin23-24	X			P
Pin26-27	X		Operate is stopped by MCU.	P
Pin27-28	X		Operate is stopped by MCU.	P
Pin28-29	X		Operate is stopped by MCU.	P
Pin34-35	X		Normal operated	P
Pin35-36	X		Normal operated	P
Pin36-37	X		F01 open	P
Pin37-38	X		Operate is stopped by MCU.	P
Pin39-40	X		Operate is stopped by MCU.	P
T101 Pin1		X	Unit not operated.	P
Pin2		X	Unit not operated.	P
Pin3		X	Unit not operated.	P
Pin4		X	Unit not operated.	P
Pin5		X	Unit not operated.	P
Pin6		X	Unit not operated.	P
Pin7		X	Unit not operated.	P
Pin9		X	Unit not operated.	P
Pin11		X	Unit not operated.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
Pin14		X	Unit not operated.	P
Pin15		X	Unit not operated.	P
Pin1-2	X		Unit not operated.	P
Pin3-4	X		Unit not operated.	P
Pin5-6	X		F101 open	P
Pin14-15	X		F101 open	P
R01		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
R101		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
R104		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
R601		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
R602		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
Fault condition tests **PCB:MCC-1660**				
C201		X	Normal operated	P
	X		R201 open	P
C202		X	Normal operated	P
	X		R202 open	P
C203		X	Normal operated	P
	X		R203 open	P
C121		X	Unit not operated.	P
	X		Operate is stopped by MCU.	P
C123		X	Unit not operated.	P
	X		Operate is stopped by MCU.	P
C126		X	Unit not operated..	P
	X		Operate is stopped by MCU.	P
C102		X	Unit not operated.	P
	X		R102 open	P
C104		X	Unit not operated.	P
	X		Unit not operated.	P
C12		X	Unit not operated.	P
	X		Unit not operated.	P
C15		X	Unit not operated.	P
	X		Unit not operated.	P
C16		X	Unit not operated.	P
	X		Unit not operated.	P
C241		X	Unit not operated.	P
	X		F02 open	P

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
D101		X	Normal operated	P
	X		Normal operated	P
D103		X	Normal operated	P
	X		Unit not operated.	P
DB01 Pin 1(+)		X	Unit not operated.	P
Pin 2		X	Unit not operated.	P
Pin 3		X	Unit not operated.	P
Pin 4		X	Unit not operated.	P
Pin 5(-)		X	Unit not operated.	P
Pin 2-3	X		F02 open	P
Pin 3-4	X		F02 open	P
Pin 1-5	X		F02 open	P
IC01 Pin1		X	Unit not operated.	P
Pin2		X	Unit not operated.	P
Pin3		X	Unit not operated.	P
Pin4		X	Unit not operated.	P
Pin5		X	F101 open	P
Pin7		X	F101 open	P
Pin1-2	X		Operate is stopped by MCU.	P
Pin2-3	X		R102 open	P
Pin3-4	X		Operate is stopped by MCU.	P
Pin-5-7	X		R103 open	P
Q201 Pin1		X	Unit not operated.	P
Pin3		X	Unit not operated.	P
Pin4		X	Unit not operated.	P
Pin6		X	Unit not operated.	P
Pin7		X	Unit not operated.	P
Pin9		X	Unit not operated.	P
Pin10		X	Unit not operated.	P
Pin12		X	Unit not operated.	P
Pin13		X	Unit not operated.	P
Pin14		X	Unit not operated.	P
Pin15		X	Unit not operated.	P
Pin16		X	Unit not operated.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
Pin18		X	Unit not operated.	P
Pin22		X	Unit not operated.	P
Pin23		X	Unit not operated.	P
Pin26		X	Unit not operated.	P
Pin27		X	Unit not operated.	P
Pin28		X	Unit not operated.	P
Pin34		X	Unit not operated.	P
Pin36		X	Unit not operated.	P
Pin38		X	Unit not operated.	P
Pin40		X	Unit not operated.	P
Pin3-4	X		Operate is stopped by MCU.	P
Pin6-7	X		Operate is stopped by MCU.	P
Pin9-10	X		Operate is stopped by MCU.	P
Pin12-13	X		Operate is stopped by MCU.	P
Pin13-14	X		Operate is stopped by MCU.	P
Pin14-15	X		F101 open	P
Pin18-19	X		Operate is stopped by MCU.	P
Pin21-22	X		F101 open	P
Pin22-23	X		Operate is stopped by MCU.	P
Pin23-24	X		Operate is stopped by MCU.	P
Pin26-27	X		Operate is stopped by MCU.	P
Pin27-28	X		Operate is stopped by MCU.	P
Pin28-29	X		Operate is stopped by MCU.	P
Pin34-35	X		Normal operated	P
Pin35-36	X		Normal operated	P
Pin36-37	X		F01 open	P
Pin37-38	X		Operate is stopped by MCU.	P
Pin39-40	X		Operate is stopped by MCU.	P
T101 Pin1		X	Unit not operated.	P
Pin2		X	Unit not operated.	P
Pin3		X	Unit not operated.	P
Pin4		X	Unit not operated.	P
Pin5		X	Unit not operated.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
Pin6		X	Unit not operated.	P
Pin7		X	Unit not operated.	P
Pin9		X	Unit not operated.	P
Pin11		X	Unit not operated.	P
Pin14		X	Unit not operated.	P
Pin15		X	Unit not operated.	P
Pin1-2	X		Unit not operated.	P
Pin3-4	X		Unit not operated.	P
Pin5-6	X		F101 open	P
Pin14-15	X		F101 open	P
R01		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
R101		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
R104		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
R601		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
R602		X	Operate is stopped by MCU.	P
	X		Operate is stopped by MCU.	P
Fault condition tests **PCB:MCC-1673**				
D500		X	Unit not operated.	P
	X		Unit not operated.	P
IC504 Pin1		X	Unit not operated.	P
Pin1		X	Unit not operated.	P
Pin2		X	Unit not operated.	P
Pin3		X	Unit not operated.	P
Pin4		X	Unit not operated.	P
Pin1-2	X		Unit not operated.	P
Pin3-4	X		Unit not operated.	P
R500		X	Unit not operated.	P
	X		F01 open	P
R404		X	Normal operation	P
	X		F02 open	P
R419		X	Normal operation	P
	X		F02 open	P
Fault condition tests **PCB:MCC-1608A**				
R01		X	Normal operation	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
	X		F01 open	P
R02		X	Normal operation	P
	X		F02 open	P
R03		X	Normal operation	P
	X		F03 open	P
Fault condition tests **PCB:MCC-1608B**				
D17		X	Normal operation	P
	X		Normal operation	P
D18		X	Normal operation	P
	X		Normal operation	P
Q10		X	Unit not operated	P
	X		Normal operation	P
R10		X	Unit not operated	P
	X		F10 open	P
R11		X	Unit not operated	P
	X		F10 open	P
R12		X	Unit not operated	P
	X		F10 open	P
Fault condition tests **PCB:MCC-1659**				
C104		X	Unit not operated	P
	X		Operate is stopped by MCU.	P
C807		X	Normal operation	P
	X		Operate is stopped by MCU.	P
C121		X	Normal operation	P
	X		Operate is stopped by MCU.	P
C120		X	Normal operation	P
	X		Operate is stopped by MCU.	P
C110		X	Normal operation	P
	X		Operate is stopped by MCU.	P
C111		X	Normal operation	P
	X		Operate is stopped by MCU.	P
D101		X	Normal operation	P
	X		Normal operation	P
D110		X	Unit not operated	P
	X		Operate is stopped by MCU.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
IC120		X	Unit not operated	P
	X		Operate is stopped by MCU.	P
IC101 Pin1		X	Unit not operated	P
Pin2		X	Unit not operated	P
Pin4		X	Unit not operated	P
Pin5		X	Normal operation	P
Pin6		X	Normal operation	P
Pin8		X	Normal operation	P
Pin1-2	X		F101 open	P
Pin2-4	X		F101 open	P
T101 Pin1		X	Unit not operated	P
Pin3		X	Unit not operated	P
Pin7		X	Unit not operated	P
Pin8		X	Unit not operated	P
Pin9		X	Unit not operated	P
Pin10		X	Unit not operated	P
Pin12		X	Unit not operated	P
Pin13		X	Unit not operated	P
Pin14		X	Unit not operated	P
Pin7-8	X		Operate is stopped by MCU.	P
Pin8-9	X		Operate is stopped by MCU.	P
Pin9-10	X		Operate is stopped by MCU.	P
Pin12-13	X		Operate is stopped by MCU.	P
Pin13-14	X		Operate is stopped by MCU.	P
R304		X	Unit not operated	P
	X		Operate is stopped by MCU.	P
R305		X	Unit not operated	P
	X		Operate is stopped by MCU.	P
R101		X	Normal operation	P
	X		Normal operation	P
R102		X	Normal operation	P
	X		Normal operation	P
R601		X	Unit not operated	P
	X		Operate is stopped by MCU.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
R602		X	Unit not operated	P
	X		Operate is stopped by MCU.	P
DB100 Pin1(+)		X	Unit not operated	P
Pin2		X	Unit not operated	P
Pin3		X	Unit not operated	P
Pin4(-)		X	Unit not operated	P
Pin1-4	X		F100 open	P
Pin2-3	X		F100 open	P
R100		X	Normal operation	P
	X		F100 open	P
Fault condition tests **PCB:MCC-1402**				
C302		X	Normal function	P
	X		Power supply circuit not operated. F301 open.	P
C305		X	Normal function	P
	X		Power supply circuit not operated. IC310 failure, F301 open.	P
C306		X	Normal function	P
	X		Normal function	P
C308		X	Normal function	P
	X		Power supply circuit not operated.	P
C309		X	Power supply circuit not operated.	P
	X		Power supply circuit not operated.	P
C310		X	Normal function	P
	X		Power supply circuit not operated.	P
C311		X	Normal function	P
	X		Power supply circuit not operated.	P
C312		X	Normal function	P
	X		Power supply circuit not operated.	P
C316		X	Normal function	P
	X		Power supply circuit not operated. F301 open.	P
C317		X	Normal function	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
	X		Power supply circuit not operated.	P
C318		X	Normal function	P
	X		Normal function	P
C322		X	Normal function	P
	X		Power supply circuit not operated.	P
C332		X	Normal function	P
	X		Normal function	P
CR302		X	Normal function	P
	X		Power supply circuit not operated. F301 open (when RY302 operate).	P
D301		X	Power supply circuit not operated.	P
	X		Power supply circuit not operated.	P
D302		X	Normal function	P
	X		Normal function	P
D303		X	Normal function	P
	X		Normal function	P
D305		X	Remote controller not operated.	P
	X		Power supply circuit not operated.	P
D306		X	Power supply circuit not operated.	P
	X		Power supply circuit not operated.	P
D307		X	Power supply circuit not operated.	P
	X		Power supply circuit not operated.	P
D308		X	Power supply circuit not operated.	P
	X		Power supply circuit not operated.	P
DB301 pin 2		X	Power supply circuit not operated.	P
DB301 pin 3		X	Power supply circuit not operated.	P
DB301 pin 2-3	X		Power supply circuit not operated. F301 open.	P
IC308 Pin1		X	Operate is stopped by MCU.	P
IC308 Pin2		X	Operate is stopped by MCU.	P
IC308 Pin3		X	Operate is stopped by MCU.	P
IC308 Pin4	X		Operate is stopped by MCU.	P
IC308 Pin1-2	X		Operate is stopped by MCU.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
IC308 Pin3-4		X	Operate is stopped by MCU.	P
IC310 Pin1		X	Power supply circuit not operated.	P
IC310 Pin2		X	Power supply circuit not operated.	P
IC310 Pin3		X	Power supply circuit not operated.	P
IC310 Pin6		X	Power supply circuit not operated.	P
IC310 Pin7		X	Normal function	P
IC310 Pin8		X	Power supply circuit not operated.	P
IC310 Pin9		X	Power supply circuit not operated. IC310 failure and F302 open.	P
IC310 Pin10		X	Normal function	P
IC311 Pin2		X	Power supply circuit not operated.	P
IC311 Pin3		X	Power supply circuit not operated.	P
IC311 Pin1-2	X		Power supply circuit not operated.	P
IC311 Pin2-3	X		Power supply circuit not operated.	P
IC312 Pin1		X	Power supply circuit not operated.	P
IC312 Pin2		X	Fan motor not operated.	P
IC312 Pin3		X	Fan motor not operated.	P
IC312 Pin1-2	X		Fan motor not operated.	P
IC312 Pin2-3	X		Power supply circuit not operated.	P
IC314 Pin1		X	Power supply circuit not operated.	P
IC314 Pin2		X	Power supply circuit not operated. IC310 failure and F301 open.	P
IC314 Pin3		X	Power supply circuit not operated. IC310 failure and F301 open.	P
IC314 Pin4		X	Power supply circuit not operated. IC310 failure and F301 open.	P
IC314 Pin1-2	X		Power supply circuit not operated. IC310 failure and F301 open.	P
IC314 Pin3-4	X		Power supply circuit not operated. IC310 failure and F301 open.	P
IC330 Pin1		X	Power supply circuit not operated. IC310 failure and F301 open.	P
IC330 Pin2		X	Normal function	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
IC330 Pin3		X	Normal function	P
IC330 Pin4		X	Normal function	P
IC330 Pin1-2	X		Normal function	P
IC330 Pin3-4	X		Normal function	P
L301 Pin1		X	Operate is stopped by MCU.	P
L301 Pin2		X	Power supply circuit not operated.	P
L301 Pin3		X	Power supply circuit not operated.	P
L301 Pin4		X	Power supply circuit not operated.	P
L301 Pin1-4	X		Power supply circuit not operated.	P
L301 Pin2-3	X		Power supply circuit not operated. F301 open.	P
L301 Pin1-2	X		Power supply circuit not operated. F301 open.	P
L301 Pin3-4	X		Normal function	P
Q340 G		X	Normal function	P
Q340 D		X	Fan motor not operated.	P
Q340 S		X	Fan motor not operated.	P
Q340 D-G		X	Fan motor not operated.	P
Q340 D-S		X	Fan motor not operated.	P
R301		X	Fan motor not operated. F301 open.	P
	X		Normal function	P
R302		X	Power supply circuit not operated. F301 open.	P
	X		Power supply circuit not operated.	P
R307		X	Normal function	P
	X		Power supply circuit not operated.	P
R308		X	Power supply circuit not operated. IC310 failure and F301 open.	P
	X		Power supply circuit not operated. R307,IC310 failure.	P
R309		X	Power supply circuit not operated.	P
	X		Normal function	P
R310		X	Normal function	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
	X		Power supply circuit not operated.	P
T301 Pin1-2	X		Normal function	P
T301 Pin4-6	X		Power supply circuit not operated.	P
T301 Pin2-12	X		Power supply circuit not operated.	P
T301 Pin7-8	X		Fan motor not operated.	P
T301 Pin8-9	X		Remote controller not operated.	P
T301 Pin9-12	X		Normal function	P
T301 Pin2-12	X		Power supply circuit not operated.	P
T301 Pin7-10	X		Normal function	P
T301 Pin8-10	X		Power supply circuit not operated.	P
T301 Pin9-10	X		Power supply circuit not operated.	P
RY302(coil)		X	Power supply circuit not operated.	P
	X		Drain Pump not operate.	P
RY302(contact)		X	Drain Pump operate continue.	P
	X		Drain Pump not operate.	P
Fault condition tests **PCB:MCC-1403**				
C090		X	Normal function	P
	X		Power supply circuit not operated F007 open.	P
C150		X	Normal function	P
	X		Power supply circuit not operated F005 open.	P
C151		X	Normal function	P
	X		Power supply circuit not operated F006 open.	P
C154		X	Normal function	P
	X		Power supply circuit not operated F006 open.	P
C156		X	Normal function	P
	X		Power supply circuit not operated F006 open.	P
CN075 Pin1		X	Fan motor and drain pump not operated.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
CN075 Pin2		X	Fan motor and drain pump not operated.	P
CN075 Pin3		X	Power supply circuit not operated	P
CN075 Pin4		X	Power supply circuit not operated	P
CN075 Pin5		X	Remote controller not operated.	P
CN075 Pin6		X	Remote controller not operated.	P
CN075 Pin1-2	X		Temperature fuse in transformer open	P
CN075 Pin3-4	X		Temperature fuse in transformer open	P
CN075 Pin5-6	X		Temperature fuse in transformer open	P
DB201 Pin1		X	Remote controller not operated.	P
DB201 Pin2		X	Remote controller not operated.	P
DB201 Pin3		X	Remote controller not operated.	P
DB201 Pin4		X	Remote controller not operated.	P
DB201 Pin1-4	X		Remote controller not operated F005 open	P
DB201 Pin2-3	X		Remote controller not operated F005 open	P
DB202 Pin1		X	Power supply circuit not operated	P
DB202 Pin2		X	Power supply circuit not operated	P
DB202 Pin3		X	Power supply circuit not operated	P
DB202 Pin4		X	Power supply circuit not operated	P
DB202 Pin1-4	X		Power supply circuit not operated F006 open	P
DB202 Pin2-3	X		Power supply circuit not operated F006 open	P
DB203 Pin1		X	Power supply circuit not operated	P
DB203 Pin2		X	Power supply circuit not operated	P
DB203 Pin3		X	Power supply circuit not operated	P
DB203 Pin4		X	Power supply circuit not operated	P
DB203 Pin1-4	X		Power supply circuit not operated F007 open	P
DB203 Pin2-3	X		Power supply circuit not operated F007 open	P
IC002 Pin1		X	Power supply circuit not operated	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
IC002 Pin2		X	Power supply circuit not operated	P
IC002 Pin3		X	Power supply circuit not operated	P
IC002 Pin1-2	X		Power supply circuit not operated F006 open	P
IC002 Pin2-3	X		Power supply circuit not operated F006 open	P
IC200 Pin1		X	Power supply circuit not operated	P
IC200 Pin2		X	Power supply circuit not operated	P
IC200 Pin3		X	Power supply circuit not operated	P
IC200 Pin1-2	X		Power supply circuit not operated F006 open	P
IC200 Pin2-3	X		Power supply circuit not operated F006 open	P
PC003 Pin1		X	Operate is stopped by MCU	P
PC003 Pin2		X	Operate is stopped by MCU	P
PC003 Pin3		X	Operate is stopped by MCU	P
PC003 Pin4		X	Operate is stopped by MCU	P
PC003 Pin1-2	X		Operate is stopped by MCU	P
PC003 Pin3-4	X		Operate is stopped by MCU	P
VA001		X	Normal function	P
	X		Power supply circuit not operated. F001 open	P
VA003		X	Normal function	P
	X		Power supply circuit not operated. F001 open(when RY002 operated)	P
RY001(Coil)		X	Louver motor not operate	P
	X		Louver motor operate continue	P
RY001(Contact)		X	Louver motor not operate	P
	X		Louver motor operate continue	P
RY002(Coil)		X	Drain pump not operate	P
	X		Drain pump operate continue	P
RY002(Contact)		X	Drain pump not operate	P
	X		Drain pump operate continue	P
RY005(Coil)		X	Fan motor not operate	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
	X		Fan motor operate continue	P
RY005(Contact)		X	Fan motor not operate	P
	X		Fan motor operate continue	P
RY006(Coil)		X	Fan motor not operate	P
	X		Fan motor not operate	P
RY006(Contact)		X	Fan motor not operate	P
	X		Fan motor not operate	P
RY007(Coil)		X	Fan motor not operate	P
	X		Fan motor not operate	P
RY007(Contact)		X	Fan motor not operate	P
	X		Fan motor not operate	P
Fault condition tests **PCB:MCC-1510**				
C302	X		Power supply circuit not operated F301 open.	P
C305	X		Power supply circuit not operated IC310 failure,F301 open.	P
C309	X		Power supply circuit not operated	P
C312	X		Power supply circuit not operated	P
D301		X	Power supply circuit not operated	P
D308		X	Power supply circuit not operated	P
D309	X		IC306 failure	P
IC210 pin4		X	Fan motor not operated	P
IC210 pin1-2	X		Fan motor not operated	P
IC306 Pin1-2	X		Operate is stopped by MCU	P
IC306 Pin5-6	X		Operate is stopped by MCU	P
IC307 Pin4		X	Operate is stopped by MCU	P
IC308 Pin3-4	X		Operate is stopped by MCU	P
IC310 Pin 9		X	Power supply circuit not operate , IC310 failure, F302 open.	P
IC310 Pin 7-8	X		Power supply circuit not operate	P
IC311 Pin3		X	Power supply circuit not operate	P
IC312 Pin3		X	Fan motor not operated	P
IC314 Pin3		X	Power supply circuit not operate , IC310 failure, F301 open	P
IC314 Pin1-2	X		Power supply circuit not operate , IC310 failure, F301 open	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
L301Pin1		X	Power supply circuit not operate	P
L301 Pin2-3	X		Power supply circuit not operate, F301 open	P
R302		X	Power supply circuit not operate	P
R310		X	Power supply circuit not operate	P
R420		X	Normal function	P
T301 Pin1-2		X	Power supply circuit not operate	P
T301 Pin7-8		X	Remote controller not operate	P
T301 Pin2-12	X		Normal function	P
T301 Pin8-10	X		Power supply circuit not operate	P
T301 Pin9-10	X		Power supply circuit not operate	P
Fault condition tests PCB:MCC-1615				
T101 Pin 5-6	X		MCU does not operate	P
T101 Pin 8-9	X		MCU does not operate	P
T101 Pin 10-11	X		MCU does not operate	P
T101 Pin 11-12	X		MCU does not operate	P
R01		X	Normal operate	P
R01	X		F01 Fuse operates (F01 Open)	P
C01		X	Normal operate	P
C01	X		F01 Fuse operates (F01 Open)	P
DB01 Pin + ~	X		MCU does not operate (R03 broken) --No emitting smoke, o ignition--	P
DB01 Pin + ~	X		MCU does not operate (R03 broken) --No emitting smoke, o ignition--	P
DB01 Pin + ~	X		MCU does not operate (R03 broken) --No emitting smoke, o ignition--	P
C08		X	MCU does not operate (R03 broken) --No emitting smoke, o ignition--	P
C08	X		MCU does not operate (R03 broken) --No emitting smoke, o ignition--	P
IC101 Pin 1-2 (M-C)	X		MCU does not operate	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
IC101 Pin 1-2 (M-S)	X		Normal operate	P
IC101 Pin 4-5 (D-S)	X		MCU does not operate (R03 broken) --No emitting smoke, o ignition--	P
IC101 Pin 2-5 (C-S)	X		MCU does not operate	P
C101		X	Normal operate	P
C101	X		MCU does not operate	P
R101		X	Normal operate	P
R101	X		MCU does not operate	P
C121		X	MCU does not operate	P
C121	X		MCU does not operate	P
C122		X	Normal operate	P
C122	X		MCU does not operate	P
C123		X	Normal operate	P
C123	X		MCU does not operate	P
C124		X	Normal operate	P
C124	X		MCU does not operate	P
C128	X		MCU does not operate	P
C132	X		MCU does not operate (R03 broken) --No emitting smoke, o ignition--	P
Fault condition tests PCB:MCC-1631				
C08, C09		X	Normal operation	P
	X		F01 open or Power supply circuit not operated.	P
C16		X	Normal operation	P
	X		Power supply circuit not operated.	P
C18		X	Normal operation	P
	X		Power supply circuit not operated.	P
D01		X	Remote controller not operated	P
	X		Power supply circuit is not operated.	P
D02		X	Remote controller not operated	P
	X		Power supply circuit is not operated.	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
DB01 Pin1		X	Power supply circuit not operated.	P
Pin1-2	X		Power supply circuit not operated.	P
R23		X	Normal operation	P
	X		Normal operation	P
R24		X	Normal operation	P
	X		F20 open or Power supply circuit not operated.	P
T01 Pin 1-2		X	Power supply circuit not operated.	P
Pin 4-6	X		Fan motor not operated.	P
Pin 2-12	X		Normal operation	P
Pin 1-2, 2-3	X		Normal operation	P
IC01 Pin1,2,3,4		X	Fan motor not operated.	P
Pin2		X	Fan motor not operated.	P
Pin3		X	Fan motor not operated.	P
Pin4		X	Fan motor not operated.	P
Pin1-2	X		Power supply circuit not operated.	P
Pin3-4	X		Power supply circuit not operated.	P
IC02 Pin1,2,3,4		X	Operation stopped by MCU.	P
Pin1-2	X		Operation stopped by MCU.	P
Pin3-4	X		Operation stopped by MCU.	P
IC01 Pin1,2,3,4		X	Fan motor not operated.	P
Pin2		X	Fan motor not operated.	P
Pin3		X	Fan motor not operated.	P
Pin4		X	Fan motor not operated.	P
Pin1-2	X		Power supply circuit not operated.	P
Pin3-4	X		Power supply circuit not operated.	P
Fault condition tests PCB:MCC-1643				
C-17		X	Power supply not operated	P
	X		Power supply not operated F01 open.	P
C-19		X	Normal operation	P
	X		Outdoor unit does not operated	P
C-08		X	Normal operation	P
	X		Power supply not operated	P
C-313		X	Normal operation	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
	X		Outdoor unit does not operated	P
C01		X	Normal operation	P
	X		Power supply not operated F01 open.	P
D01		X	Outdoor unit does not operated	P
	X		Outdoor unit does not operated	P
DB01 Pin1		X	Power supply not operated	P
DB01Pin2-3	X		Power supply not operated F01 open.	P
IC01 Pin1		X	Outdoor unit does not operated	P
IC01 Pin2-3	X		Outdoor unit does not operated	P
IC02 Pin1		X	Power supply not operated	P
IC02 Pin2-3	X		F302 open.	P
IC09 Pin1		X	Load does not operated	P
IC09 Pin2-3	X		Load does not operated	P
Q410 Pin B Q-340 Pin B-E		X	Load does not operated, fan motor does not operate	P
	X		Load does not operated, fan motor does not operate	P
R23		X	Normal operation	P
	X		Power supply not operated	P
R24		X	Load is stopped by MCU	P
	X		Power supply not operated, IC308 failure	P
L01Pin1		X	Load does not operate	P
L01 Pin1-2	X		Load does not operate	P
T01 Pin1-2		X	Power supply not operated	P
T01 Pin4-6		X	Power supply not operated	P
T01 Pin2-12		X	Fan motor not operate	P
Fault condition tests PCB:MCC-1570				
C08		X	Normal operation	P
	X		Power supply not operated F01 open.	P
C12		X	Normal operation	P
	X		Power supply not operated	P
C19		X	Normal operation	P
	X		Power supply not operated	P

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Clause	Requirement + Test	Result - Remark	Verdict

Fault condition	Short circuit	Open circuit	Effected	Verdict
C23		X	Normal operation	P
	X		Normal operation	P
D05		X	Remote controller not operated	P
	X		Power supply not operated	P
IC03 pin1		X	Fan motor not operated	P
T01 Pin1-2		X	Power supply not operated	P
T01 Pin4-6		X	Power supply not operated	P
T01 Pin2-12		X	Fan motor not operated	P
IC101 Pin1		X	Normal operation	P
IC101 Pin2		X	Fan motor not operated	P
IC101 Pin3		X	Fan motor not operated	P
IC101 Pin20-21	X		Fan motor not operated	P
IC101 Pin21-22	X		Fan motor not operated	P

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Clause	Requirement + Test	Result - Remark	Verdict

19.14	TABLE: Abnormal operation, temperature rises		P
Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)	
Outdoor unit: MMY-MAP1006FT8P-E			
Fan motor ambient temperature	52.8	Reference	
Bell mount front side	50.6	Reference	
Fuse F01	54.2	Reference	
Resistor R302	56.1	Reference	
Reactor coil for comp 1	54.6	Reference	
Reactor coil for comp 2	55.2	Reference	
2way valve coil SV52	53.0	Reference	
2way valve coil SV41	83.1	Reference	
2way valve coil SV42	83.8	Reference	
2way valve coil SV2	58.4	Reference	
2way valve coil SV3A	53.3	Reference	
2way valve coil SV3B	62.9	Reference	
2way valve coil SV3C	54.8	Reference	
2way valve coil SV3D	54.7	Reference	
Inlet panel front upper part	54.4	Reference	
Inlet panel front part	54.7	Reference	
Inlet panel lower part	52.3	Reference	
Inlet panel back part	53.6	Reference	
Inlet panel back lower part	51.7	Reference	
Compressor 1case top	85.9	Reference	
Compressor 2case top	89.1	Reference	
Magnet contactor power line side (FC-1S)	89.1	Reference	
Magnet contactor coil (FC-1S)	54.4	Reference	
CT T611 for comp 1	52.8	Reference	
Fan motor coil	53.2	Reference	
Fan motor case line	54.4	Reference	
SWT T101 for compressor 1	54.5	Reference	
Switching tranformer T101	58.7	Reference	
Fuse F01 for compressor 2	52.9	Reference	
Fuse F02 for compressor 2	53.3	Reference	
Line filter L01 for comp 1	52.9	Reference	

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
PTC Thermistor	54.5	Reference
Relay RY512	55.0	Reference
Relay RY500	56.0	Reference
Smoothing capacity C510	56.6	Reference
Resistor R500 (MCC-1673)	66.0	Reference
Fuse F01	57.3	Reference
Line filter L404 (MCC-1673)	53.4	Reference
Capacitor for comp	53.7	Reference
Fuse F02 for compressor 1	53.7	Reference
Terminal block left part	52.6	Reference
E-box	53.1	Reference
Resistor R21 for compressor 1	66.3	Reference
Resistor R22 for compressor 1	66.0	Reference
Fuse F01 for compressor 1	53.5	Reference
Line filter L01 for comp 2	52.9	Reference
Line filter L405	53.7	Reference
Nois filter Fuse F02	55.5	Reference
Internal wire power line	53.0	Reference
Indoor unit:MMC-AP0247HP-E_Unit A		
Air flow	38.8	Reference
Diode block DB01	43.9	Reference
Switching Tranformer T01	47.8	Reference
Line filter L01	42.0	Reference
Capacitor C08	41.3	Reference
Power modul IC101	35.8	Reference
Resistor R01	40.9	Reference
Terminal block left side	38.9	Reference
E-box temperature	37.5	Reference
Print Circuit board PW01	44.3	Reference
Fan Motor	44.6	Reference
Resistor R24	50.3	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Indoor unit:MMC-AP0247HP-E_Unit B		
Air flow	37.9	Reference
Diode block DB01	42.4	Reference
Switching Tranformer T01	45.0	Reference
Line filter L01	39.7	Reference
Capacitor C08	40.6	Reference
Power modul IC101	47.0	Reference
Resistor R01	38.8	Reference
Terminal block left side	38.3	Reference
E-box temperature	38.1	Reference
Print Circuit board PW01	41.9	Reference
Fan Motor	51.4	Reference
Resistor R24	45.6	Reference
Indoor unit:MMU-AP0244HP-E		
Lover Motor	42.3	Reference
E-box	40.1	Reference
Capacitor C08	47.8	Reference
Resistor R03	46.9	Reference
Diode block DB01	49.1	Reference
Power modul IC10	57.3	Reference
Line filter L01	48.3	Reference
Resistor R24	61.2	Reference
Switching Tranformer T01	55.5	Reference
Print Circuit board PW01	58.8	Reference
Power modul IC01	68.3	Reference
Air flow	37.2	
Indoor unit:MMU-AP0364HP-E		
Lover Motor	42.1	Reference
E-box	39.2	Reference
Capacitor	43.4	Reference
Resistor R034	43.9	Reference
Diode block DB01	46.2	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Power modul IC10	50.2	Reference
Line filter L01	45.1	Reference
Resistor R24	61.7	Reference
Switching Tranformer T01	55.4	Reference
Print Circuit board PW01	53.7	Reference
Power modul IC01	62.3	Reference
Air flow	38.1	Reference
FS unit : RBM-Y1801F6PE (PCB no. 1)		
Switching Tranformer T01	45.0	Reference
Capacitor C08	42.1	Reference
Diode block DB01	41.2	Reference
Resistor R03	40.2	Reference
Relay RY713	43.0	Reference
Resistor R24	55.7	Reference
FS unit : RBM-Y1801F6PE (PCB no. 3)		
Switching Tranformer T01	43.6	Reference
Capacitor C08	41.1	Reference
Diode block DB01	41.7	Reference
Resistor R03	40.6	Reference
Relay RY713	42.8	Reference
Resistor R24	55.9	Reference
FS unit : RBM-Y1801F6PE (PCB no. 4)		
Switching Tranformer T01	44.3	Reference
Capacitor C08	41.1	Reference
Diode block DB01	41.5	Reference
Resistor R03	40.0	Reference
Relay RY713	43.1	Reference
Resistor R24	57.3	Reference
FS unit : RBM-Y1801F6PE (PCB no. 6)		
Switching Tranformer T01	42.9	Reference
Capacitor C08	40.6	Reference
Diode block DB01	41.0	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Resistor R03	40.3	Reference
Relay RY713	41.7	Reference
Resistor R24	55.8	Reference
Ambient FS unit between PCB#1 and PCB#3	51.3	Reference
Ambient FS unit between PCB#3 and PCB#4	57.7	Reference
Ambient FS unit between PCB#5 and PCB#6	62.5	Reference
Outdoor unit: MMY-MAP1406FT8P-E		
Fan motor case outline	53.2	Reference
Fan motor coil	53.5	Reference
Fuse F01	53.6	Reference
Resistor R302	55.1	Reference
Fuse F101	53.7	Reference
Switching transformer T101	56.6	Reference
Smoothing capacitor C100	54.1	Reference
Relay RY515	23.3/53.1	Reference
Relay RY521	53.1	Reference
Relay RY513	53.4	Reference
Relay RY524	56.8	Reference
Relay RY502	59.6	Reference
Reactor coil for comp 1	52.7	Reference
Reactor coil for comp 2	52.6	Reference
2way valve coil SV41	78.0	Reference
2way valve coil SV42	55.3	Reference
2way valve coil SV51	52.9	Reference
2way valve coil SV2	74.8	Reference
2way valve coil SV3A	53.3	Reference
2way valve coil SV3B	54.4	Reference
2way valve coil SV3C	54.6	Reference
2way valve coil SV52	53.0	Reference
2way valve coil SV3D	54.6	Reference
Compressor 1 coil upper side	63.3	Reference
Compressor 1 coil lower side	63.5	Reference

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Compressor 1case top	65.9	Reference
Compressor 2 coil upper side	76.5	Reference
Compressor 2 lower side	55.8	Reference
Compressor 2case top	78.2	Reference
Inlet panel front upper part	53.7	Reference
Inlet panel front part	53.4	Reference
Inlet panel lower part	52.0	Reference
Inlet panel back part	53.1	Reference
Inlet panel back lower part	49.7	Reference
Terminal block left part	52.8	Reference
Line filter (MCC-1608A)	53.2	Reference
Noise filter Fuse F01 (MCC-1608A)	54.2	Reference
Line filter L10 (MCC-1608A)	56.4	Reference
Relay RY10 (MCC-1608A)	61.4	Reference
Magnet contactor power line side (FC-1S)	56.2	Reference
Magnet contactor coil (FC-1S)	64.7	Reference
PTC Thermistor	55.6	Reference
Internal wire for power line	52.9	Reference
Line filter L404 (MCC-1673)	53.5	Reference
Fuse F02 (MCC-1673)	53.9	Reference
Resistor R500 (MCC-1673)	57.1	Reference
Fuse F01 for compressor 1	53.8	Reference
Fuse F02 for compressor 1	54.1	Reference
Fuse F01 for compressor 2	53.5	Reference
Fuse F02 for compressor 2	53.7	Reference
Line filter L01 for comp 1	53.4	Reference
Line filter L01 for comp 2	53.2	Reference
CT T611 for comp 1	54.1	Reference
CT T201 for comp 1	54.3	Reference
CT T611 for comp 2	53.6	Reference
CT T201 for comp 2	54.0	Reference
Resistor R21 for compressor 1	64.4	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Resistor R22 for compressor 1	57.8	Reference
Resistor R21 for compressor 2	64.0	Reference
Resistor R22 for compressor 2	62.7	Reference
SWT T101 for compressor 1	55.3	Reference
SWT T101 for compressor 2	53.5	Reference
Capacitor C11 for comp1	53.5	Reference
Capacitor C16 for comp1	53.4	Reference
Capacitor C11 for comp2	53.4	Reference
Capacitor C16 for comp2	54.2	Reference
Terminal block central	52.9	Reference
Fan motor ambient temperature	52.7	Reference
Bell mount front side	51.5	Reference
Indoor unit:MMC-AP0247HP-E_Unit A		
Air flow	39.1	Reference
Diode block DB01	43.6	Reference
Switching Tranformer T01	47.7	Reference
Line filter L01	41.5	Reference
Capacitor C08	41.0	Reference
Power modul IC101	50.7	Reference
Resistor R01	40.3	Reference
Terminal block left side	38.2	Reference
E-box temperature	38.2	Reference
Print Circuit board PW01	43.9	Reference
Fan Motor	40.0	Reference
Resistor R24	49.3	Reference
Indoor unit:MMC-AP0274HP-E_Unit B		
Air flow	37.1	Reference
Diode block DB01	42.0	Reference
Switching Tranformer T01	44.9	Reference
Line filter L01	38.1	Reference
Capacitor C08	40.2	Reference
Power modul IC101	47.0	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Resistor R01	38.1	Reference
Terminal block left side	37.5	Reference
E-box temperature	37.3	Reference
Print Circuit board PW01	41.5	Reference
Fan Motor	51.3	Reference
Resistor R24	40.6	Reference
Indoor unit:MMU-AP0484HP-E		
Louver Motor	37.1	Reference
E-box	37.9	Reference
Capacitor	43.4	Reference
Resistor R03	42.0	Reference
Diode block DB01	47.3	Reference
Power modul IC10	50.7	Reference
Line filter L01	46.9	Reference
Resistor R24	62.7	Reference
Switching Tranformer T01	57.7	Reference
Print Circuit board PW01	54.4	Reference
Power modul IC01	65.3	Reference
Air flow	36.7	Reference
Indoor unit:MMU-AP0364HP-E_Unit A		
Louver Motor	36.7	Reference
E-box	40.0	Reference
Capacitor C08	47.1	Reference
Resistor R03	46.4	Reference
Diode block DB01	48.6	Reference
Power modul IC10	66.4	Reference
Line filter L01	49.1	Reference
Resistor R24	60.7	Reference
Switching Tranformer T01	60.9	Reference
Print Circuit board PW01	59.6	Reference
Power modul IC01	69.2	Reference
Air flow	44.3	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Indoor unit:MMU-AP0364HP-E_Unit B		
Louver Motor	36.9	Reference
E-box	39.6	Reference
Capacitor	46.4	Reference
Resistor R034	46.7	Reference
Diode block DB01	49.3	Reference
Power modul IC10	55.5	Reference
Line filter L01	49.0	Reference
Resistor R24	64.3	Reference
Switching Tranformer T01	60.2	Reference
Print Circuit board PW01	57.6	Reference
Power modul IC01	67.4	Reference
Air flow	43.6	Reference
FS unit : RBM-Y1801F6PE (PCB no. 1)		
Switching Tranformer T01	42.6	Reference
Capacitor C08	40.0	Reference
Diode block DB01	40.0	Reference
Resistor R03	39.2	Reference
Relay RY713	41.8	Reference
Resistor R24	54.2	Reference
FS unit : RBM-Y1801F6PE (PCB no. 3)		
Switching Tranformer T01	43.0	Reference
Capacitor C08	40.5	Reference
Diode block DB01	41.2	Reference
Resistor R03	40.0	Reference
Relay RY713	42.3	Reference
Resistor R24	54.9	Reference
FS unit : RBM-Y1801F6PE (PCB no. 4)		
Switching Tranformer T01	43.9	Reference
Capacitor C08	40.5	Reference
Diode block DB01	41.1	Reference
Resistor R03	39.7	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Relay RY713	41.9	Reference
Resistor R24	56.2	Reference
FS unit : RBM-Y1801F6PE (PCB no. 6)		
Switching Tranformer T01	42.5	Reference
Capacitor C08	41.0	Reference
Diode block DB01	41.2	Reference
Resistor R03	39.8	Reference
Relay RY713	41.7	Reference
Resistor R24	54.8	Reference
Ambient FS unit between PCB#1 and PCB#3	45.4	Reference
Ambient FS unit between PCB#3 and PCB#4	50.2	Reference
Ambient FS unit between PCB#5 and PCB#6	48.1	Reference
Outdoor unit: MMY-MAP2006FT8P-E		
Fuse F01 for fan motor no.1	52.7	Reference
Resistor R302 fan motor no.1	59.3	Reference
Fuse F101 fan motor no.1	52.1	Reference
Switching transformer T101 fan motor no.1	53.0	Reference
Smoothing capacitor C100 fan motor no.1	52.3	Reference
Relay RY515	52.5	Reference
Relay RY521	52.3	Reference
Relay RY513	55.3	Reference
Relay RY524	52.6	Reference
Relay RY502	54.4	Reference
Reactor coil for comp 1	57.9	Reference
Reactor coil for comp 2	56.9	Reference
2way valve coil SV41	84.8	Reference
2way valve coil SV42	53.8	Reference
2way valve coil SV51	51.9	Reference
2way valve coil SV2	66.3	Reference
2way valve coil SV3A	51.7	Reference
2way valve coil SV3B	51.9	Reference
2way valve coil SV3C	54.7	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
2way valve coil SV3D	58.6	Reference
Compressor 1 coil upper side	82.3	Reference
Compressor 1 coil lower side	85.4	Reference
Compressor 1case top	80.9	Reference
Compressor 2 coil upper side	75.2	Reference
Terminal block central	52.1	Reference
Inlet panel front upper part	52.0	Reference
Inlet panel front part	52.7	Reference
Inlet panel lower part	53.6	Reference
Inlet panel back part	59.3	Reference
Inlet panel back lower part	56.3	Reference
Terminal block left part	51.7	Reference
Line filter (MCC-1608A)	52.3	Reference
Noise filter Fuse F01 (MCC-1608A)	54.1	Reference
Line filter L10 (MCC-1608A)	54.3	Reference
Relay RY10 (MCC-1608A)	65.6	Reference
Magnet contactor power line side (FC-1S)	54.4	Reference
Magnet contactor coil (FC-1S)	53.3	Reference
PTC Thermistor	53.7	Reference
Internal wire for power line	51.8	Reference
Line filter L404 (MCC-1673)	52.2	Reference
Fuse F02 (MCC-1673)	54.6	Reference
Resistor R500 (MCC-1673)	58.4	Reference
Fuse F01 for compressor 1	52.1	Reference
Fuse F02 for compressor 1	52.2	Reference
Fuse F01 for compressor 2	56.5	Reference
Fuse F02 for compressor 2	56.5	Reference
Line filter L01 for comp 1	51.8	Reference
Line filter L01 for comp 2	56.9	Reference
CT T611 for comp 1	52.2	Reference
CT T201 for comp 1	52.0	Reference
CT T611 for comp 2	52.7	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
CT T201 for comp 2	54.0	Reference
Resistor R21 for compressor 1	56.2	Reference
Resistor R22 for compressor 1	57.5	Reference
Resistor R21 for compressor 2	59.7	Reference
Resistor R22 for compressor 2	57.1	Reference
SWT T101 for compressor 1	51.9	Reference
SWT T101 for compressor 2	52.4	Reference
Capacitor C11 for comp1	51.8	Reference
Capacitor C16 for comp1	51.8	Reference
Capacitor C11 for comp2	51.3	Reference
Capacitor C16 for comp2	51.9	Reference
Fan motor case outline no.1	58.7	Reference
Fan motor case outline no.2	57.5	Reference
Fan motor ambient temperature no.1	53.4	Reference
Fan motor ambient temperature no.2	53.7	Reference
Fan motor coil no.1	53.1	Reference
Fan motor coil no.2	52.8	Reference
Bell mouth front side no.1	52.2	Reference
Bell mouth front side no.2	52.6	Reference
Compressor 2 lower side	52.1	Reference
Compressor 2case top	80.8	Reference
Indoor unit:MMC-AP0247HP-E_Unit A		
Air flow	38.1	Reference
Diode block DB01	40.7	Reference
Switching Tranformer T01	40.1	Reference
Line filter L01	39.6	Reference
Capacitor C08	39.0	Reference
Power modul IC101	46.0	Reference
Resistor R01	39.2	Reference
Terminal block left side	38.3	Reference
E-box temperature	34.9	Reference
Print Circuit board PW01	40.0	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Fan Motor	47.1	Reference
Resistor R24	41.0	Reference
Indoor unit:MMC-AP0247HP-E_Unit B		
Air flow	38.0	Reference
Diode block DB01	40.1	Reference
Switching Tranformer T01	40.1	Reference
Line filter L01	38.7	Reference
Capacitor C08	43.5	Reference
Power modul IC101	41.4	Reference
Resistor R01	38.1	Reference
Terminal block left side	38.0	Reference
E-box temperature	38.1	Reference
Print Circuit board PW01	39.1	Reference
Fan Motor	42.9	Reference
Resistor R24	47.3	Reference
Indoor unit:MMU-AP0484HP-E_Unit A		
Louver Motor	37.3	Reference
E-box	35.9	Reference
Capacitor C08	47.0	Reference
Resistor R03	36.9	Reference
Diode block DB01	39.5	Reference
Power modul IC10	46.2	Reference
Line filter L01	36.8	Reference
Resistor R24	46.9	Reference
Switching Tranformer T01	39.5	Reference
Print Circuit board PW01	42.7	Reference
Power modul IC01	38.3	Reference
Air flow	38.7	Reference
Indoor unit:MMU-AP0484HP-E_Unit B		
Louver Motor	39.0	Reference
E-box	34.2	Reference
Capacitor C08	38.9	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Resistor R03	43.2	Reference
Diode block DB01	44.4	Reference
Power modul IC10	55.8	Reference
Line filter L01	36.7	Reference
Resistor R24	44.9	Reference
Switching Tranformer T01	36.5	Reference
Print Circuit board PW01	52.6	Reference
Power modul IC01	54.2	Reference
Air flow	31.4	Reference
Indoor unit:MMU-AP0484HP-E_Unit C		
Louver Motor	37.5	Reference
E-box	33.7	Reference
Capacitor	34.0	Reference
Resistor R034	35.6	Reference
Diode block DB01	34.5	Reference
Power modul IC10	39.5	Reference
Line filter L01	34.0	Reference
Resistor R24	41.0	Reference
Switching Tranformer T01	36.4	Reference
Print Circuit board PW01	37.0	Reference
Power modul IC01	36.8	Reference
Air flow	31.7	Reference
Indoor unit:MMU-AP0484HP-E_Unit D		
Louver Motor	38.7	Reference
E-box	36.0	Reference
Capacitor	41.1	Reference
Resistor R034	47.5	Reference
Diode block DB01	46.7	Reference
Power modul IC10	52.9	Reference
Line filter L01	39.3	Reference
Resistor R24	46.8	Reference
Switching Tranformer T01	47.2	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Print Circuit board PW01	47.6	Reference
Power modul IC01	36.0	Reference
Air flow	33.0	Reference
FS unit : RBM-Y1801F6PE (PCB no. 1)		
Switching Tranformer T01	42.9	Reference
Capacitor C08	40.3	Reference
Diode block DB01	40.1	Reference
Resistor R03	39.6	Reference
Relay RY713	41.8	Reference
Resistor R24	43.6	Reference
FS unit : RBM-Y1801F6PE (PCB no. 3)		
Switching Tranformer T01	43.6	Reference
Capacitor C08	40.8	Reference
Diode block DB01	41.5	Reference
Resistor R03	40.3	Reference
Relay RY713	42.8	Reference
Resistor R24	53.0	Reference
FS unit : RBM-Y1801F6PE (PCB no. 4)		
Switching Tranformer T01	43.5	Reference
Capacitor C08	40.5	Reference
Diode block DB01	40.8	Reference
Resistor R03	39.6	Reference
Relay RY713	41.9	Reference
Resistor R24	55.4	Reference
FS unit : RBM-Y1801F6PE (PCB no. 6)		
Switching Tranformer T01	41.8	Reference
Capacitor C08	39.6	Reference
Diode block DB01	39.9	Reference
Resistor R03	40.1	Reference
Relay RY713	41.1	Reference
Resistor R24	52.9	Reference
Ambient FS unit between PCB#1 and PCB#3	50.2	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Ambient FS unit between PCB#3 and PCB#4	52.9	Reference
Ambient FS unit between PCB#5 and PCB#6	49.2	Reference
Indoor unit type: MMD-AP0964H-E		
Printed circuit board temperature	63	Reference
IC200	62	Reference
IC002	66	Reference
Capacitor C154	65	Reference
Capacitor C151	62	Reference
Capacitor C090	57	Reference
Relay RY007	77	Reference
Relay RY006	55	Reference
Relay RY005	52	Reference
Diode Block DB203	59	Reference
Capacitor C201	63	Reference
FET Q202	72	Reference
Capacitor C202	62	Reference
Transformer primary	56	Reference
Transformer secondary	56	Reference
Drain Pump Motor	78	Reference
Power Supply Cord	44	150
Duct Inlet	41	Reference
Duct Outlet	40	Reference
Cabinet Front (E-box)	43	Reference
Indoor unit type: MMF-AP0566H-E		
Printed circuit board temperature	56	Reference
IC200	68	Reference
IC002	73	Reference
Capacitor C154	60	Reference
Capacitor C151	58	Reference
Capacitor C090	63	Reference
Relay RY007	77	Reference
Relay RY006	61	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Relay RY005	56	Reference
Diode Block DB203	64	Reference
IC002 Solder side	67	Reference
IC200 Solder side	66	Reference
FET Q201 Solder side	70	Reference
FET Q201	74	Reference
Capacitor C201	62	Reference
Capacitor C202	59	Reference
Transformer primary	52	Reference
Transformer secondary	51	Reference
Fan Motor Front	76	Reference
Louver Motor Front	43	Reference
Power Supply Cord	41	Reference
Floor Standing Inlet	40	Reference
Floor Standing Outlet	38	Reference
Cabinet Front	41	Reference
Indoor unit type: MMU-AP0124YH-E		
Printed circuit board temperature	53	Reference
IC200	54	Reference
IC002	63	Reference
Capacitor C154	50	Reference
Capacitor C151	47	Reference
Capacitor C090	55	Reference
Relay RY007	48	Reference
Relay RY006	60	Reference
Relay RY005	48	Reference
Diode Block DB203	52	Reference
Capacitor C202	56	Reference
FET Q201	69	Reference
Capacitor C201	57	Reference
FET Q201 Solder side	64	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
IC200 Solder side	55	Reference
IC002 Solder side	58	Reference
Transformer primary	50	Reference
Transformer secondary	47	Reference
Fan Motor Front	63	Reference
Louver Motor Front	49	Reference
Drain Pump Motor	65	Reference
Power Supply Cord	42	150
1-way Cassette Inlet	40	Reference
1-way Cassette Outlet	38	Reference
Cabinet Front	41	Reference
Indoor unit type: MML-AP0244H-E		
Printed circuit board temperature	50	Reference
IC200	54	Reference
IC002	61	Reference
Capacitor C154	48	Reference
Capacitor C151	47	Reference
Capacitor C090	50	Reference
Relay RY007	65	Reference
Relay RY006	48	Reference
Relay RY005	45	Reference
Diode Block DB203	52	Reference
FET Q201 Solder side	53	Reference
IC002 Solder side	57	Reference
FET Q201 Solder side	55	Reference
Capacitor C201	49	Reference
FET Q202	56	Reference
Capacitor C202	49	Reference
Transformer primary	46	Reference
Transformer secondary	48	Reference
Fan Motor Front	64	Reference
Power Supply Cord	41	150

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Floor Standing Cabinet Inlet	41	Reference
Floor Standing Cabinet Outlet	39	Reference
Cabinet Front	41	Reference
Indoor unit type: MMK-AP0243H		
IC01	67	Reference
FET Q345	77	Reference
IC311	71	Reference
IC312	74	Reference
FET Q344	89	Reference
FET Q343	82	Reference
FET Q342	96	Reference
FET Q340	106	Reference
FET Q341	94	Reference
Capacitor C311	66	Reference
Capacitor C301	56	Reference
Switching IC IC310	80	Reference
IC301	64	Reference
IC302	58	Reference
Resistor R302	52	Reference
Diode Block DB301	56	Reference
Resistor R302	61	Reference
Power Supply Cord	42	150
Fan Motor Front	54	Reference
High Wall Inlet	39	Reference
High Wall Outlet	38	Reference
Cabinet Front	40	Reference
Indoor unit type: MMU-AP0482WH		
Printed circuit board temperature	60	Reference
IC200	68	Reference
IC002	75	Reference
Capacitor C154	60	Reference
Capacitor C151	58	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Capacitor C090	61	Reference
Relay RY007	81	Reference
Relay RY006	58	Reference
Relay RY005	55	Reference
Diode Block DB203	64	Reference
IC002 Solder side	69	Reference
IC200 Solder side	67	Reference
FET Q201 Solder side	74	Reference
Capacitor C201	66	Reference
FET Q201	79	Reference
Capacitor C202	63	Reference
Power Supply Cord	42	150
Fan Motor Front	67	Reference
2-way Cassette Inlet	40	Reference
2-way Cassette Outlet	41	Reference
Cabinet Front	41	Reference
Transformer primary	52	Reference
Transformer secondary	56	Reference
Printed circuit board	60	Reference
Indoor unit: MMU-AP0302WH		
Louver motor case side	55	Reference
Louver motor case bottom	53	Reference
Drain pump outline	45	Reference
Fan motor coil	53	Reference
Suction panel outline E-box near part	39	Reference
Ceiling board outline	43	Reference
Suction temperature	42	Reference
Outline temperature	37	Reference
Indoor unit: MMU-AP0152WH		
Fan motor coil	49	Reference
Fan motor case surface	52	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Louver motor case side	55	Reference
Louver motor case bottom	55	Reference
Suction panel outline E-box near part	42	Reference
Ceiling board outline	46	Reference
Remote controller switch	45	Reference
Remote controller cover	43	Reference
Suction temperature	43	Reference
Outline temperature	41	Reference
Indoor unit: MMD-AP0274SPH-E		
Fuse F301	50	Reference
Relay RY 302	50	Reference
Line filter L301	63	Reference
Resistor R330	59	Reference
Diode DB301	83	Reference
Fuse F302	71	Reference
Switching IC IC310	63	Reference
Switching transformer T301	74	Reference
FET Q345	58	Reference
FET Q344	56	Reference
FET Q343	56	Reference
FET Q340	54	Reference
FET Q341	61	Reference
FET Q342	62	Reference
Fan motor outline	60	Reference
Fan motor bearing e-box far side	51	Reference
Fan motor bearing e-box near side	45	Reference
E-box cover outline	43	Reference
Cabinet outline e-box near side	42	Reference
Cabinet outline e-box far side	42	Reference
Inlet temperature(DB)	41	Reference
Inlet temperature(WB)	33	Reference
Outlet temperature(DB)	40	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Indoor unit : MML-AP0184NH-E		
Switching transformer T301	61	Reference
Line filter L41	53	Reference
Line filter L201	51	Reference
Line filter L301	64	Reference
Diode block DB301	60	Reference
Smoothing capacitor C302	58	Reference
Switching IC IC310	80	Reference
IC IC311	64	Reference
IC IC312	63	Reference
P.C.B outline (MCC-1510-02)	61	Reference
Terminal block	46	Reference
E-box internal temperature	54	Reference
E-box outline temperature	47	Reference
PMV coil outline	44	Reference
Fan motor frame	67	Reference
Fan motor bearing power side	58	Reference
Fan motor bearing opposite power side	60	Reference
Fan motor coil	75	Reference
Cabinet top	42	Reference
Cabinet right side	43	Reference
Cabinet central	42	Reference
Cabinet operating panel	42	Reference
Suction temperature	42	Reference
Outlet temperature upper	33	Reference
Outlet temperature lower	35	Reference
Wood plate	44	175
Indoor unit: MMD-VNK1002HEXE		
Fan motor for air exhaust axis side	61	Reference
Fan motor for air exhaust case outline	64	Reference
FM for air exhaust atmosphere temp.	48	Reference
Metal plate left inside	46	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Metal plate lower inside	46	Reference
Metal plate front inside	49	Reference
Fan motor for air supply axis side	56	Reference
Fan motor for air supply case outline	58	Reference
FM for air supply atmosphere temp.	46	Reference
Metal plate back inside	46	Reference
Metal plate upper inside	45	Reference
Metal plate right inside	47	Reference
Heat exchanger check plate outline central	44	Reference
E-box cover outline	43	Reference
Filter box lid outline central	43	Reference
Magnetic valve coil outline	46	Reference
Magnetic valve atmosphere temp.	46	Reference
Decompression valve1 coil outline	46	Reference
Decompression valve1 atmosphere temp.	46	Reference
Decompression valve2 coil outline	45	Reference
Decompression valve2 atmosphere temp.	46	Reference
Line filter L01	48	Reference
Resistor R05	68	Reference
Relay RY704	52	Reference
Relay RY705	48	Reference
Diode block DB01	48	Reference
Resistor R03	45	Reference
Capacitor C08	48	Reference
IC IC101	58	Reference
Switching transformer T101	49	Reference
Transistor Q131	55	Reference
Terminal block left side	43	Reference
E-box internal temperature	43	Reference
Outlet temperature	46	Reference
Inlet temperature	43	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Remote controller unit : NRC-01		
Operation button outline	45	Reference
Function part lid outline	44	Reference
Indoor unit: MMD-VNK1002HEXE2		
Fan motor for air exhaust axis side	53	Reference
Fan motor for air exhaust case outline	54	Reference
FM for air exhaust atmosphere temp.	46	Reference
Metal plate left inside	43	Reference
Metal plate lower inside	46	Reference
Metal plate front inside	44	Reference
Fan motor for air supply axis side	54	Reference
Fan motor for air supply case outline	54	Reference
FM for air supply atmosphere temp.	47	Reference
Metal plate back inside	45	Reference
Metal plate upper inside	45	Reference
Metal plate right inside	45	Reference
Heat exchanger check plate outline central	43	Reference
E-box cover outline	44	Reference
Filter box lid outline central	44	Reference
Magnetic valve coil outline	46	Reference
Magnetic valve atmosphere temp.	47	Reference
Decompression valve1 coil outline	46	Reference
Decompression valve1 atmosphere temp.	46	Reference
Decompression valve2 coil outline	45	Reference
Decompression valve2 atmosphere temp.	46	Reference
Line filter L01	47	Reference
Resistor R05	67	Reference
Relay RY704	46	Reference
Relay RY705	46	Reference
Diode block DB01	47	Reference
Resistor R03	46	Reference
Capacitor C08	49	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
IC IC101	57	Reference
Switching transformer T101	51	Reference
Transistor Q131	63	Reference
Terminal block left side	44	Reference
E-box internal temperature	44	Reference
Outlet temperature	44	Reference
Inlet temperature	45	Reference
Indoor unit: MMD-VNK802HEXE		
Fan motor for air exhaust axis side	73	Reference
Fan motor for air exhaust case outline	76	Reference
FM for air exhaust atmosphere temp.	48	Reference
Metal plate left inside	47	Reference
Metal plate lower inside	46	Reference
Metal plate front inside	49	Reference
Fan motor for air supply axis side	72	Reference
Fan motor for air supply case outline	75	Reference
FM for air supply atmosphere temp.	46	Reference
Metal plate back inside	46	Reference
Metal plate upper inside	45	Reference
Metal plate right inside	45	Reference
Heat exchanger check plate outline central	43	Reference
E-box cover outline	44	Reference
Filter box lid outline central	44	Reference
Outlet temperature	46	Reference
Inlet temperature	43	Reference
Indoor unit: MMD-VNK502HEXE		
Fan motor for air exhaust axis side	77	Reference
Fan motor for air exhaust case outline	90	Reference
FM for air exhaust atmosphere temp.	47	Reference
Metal plate left inside	47	Reference
Metal plate lower inside	48	Reference
Metal plate front inside	49	Reference

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Fan motor for air supply axis side	74	Reference
Fan motor for air supply case outline	88	Reference
FM for air supply atmosphere temp.	46	Reference
Metal plate back inside	46	Reference
Metal plate upper inside	45	Reference
Metal plate right inside	45	Reference
Heat exchanger check plate outline central	44	Reference
E-box cover outline	44	Reference
Filter box lid outline central	44	Reference
Outlet temperature	46	Reference
Inlet temperature	42	Reference
Drain pump kit : TCB-DP31HEXE		Reference
Drain pump motor upper part	91	Reference
Drain pump motor lower part	89	Reference
Drain pump atmosphere temp	54	Reference

21.1	**TABLE: Impact resistance**		P
Impacts per surface	Surface tested	Impact energy (Nm)	Comments
3	Front panel	0.5	Pass
3	Side enclosure	0.5	Pass
Supplementary information: N/A			

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

24.1	TABLE: Critical components information				P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Outdoor unit: (SHRM-e) MMY-MAP0806FT8P-E, MMY-MAP1006FT8P-E, MMY-MAP1206FT8P-E, MMY-MAP1406FT8P-E, MMY-MAP1606FT8P-E, MMY-MAP1806FT8P-E, MMY-MAP2006FT8P-E MMY-MAP0806FT8JP-E, MMY-MAP1006FT8JP-E, MMY-MAP1206FT8JP-E, MMY-MAP1406FT8JP-E, MMY-MAP1606FT8JP-E, MMY-MAP1806FT8JP-E, MMY-MAP2006FT8JP-E MMY-MAP0806FT8P-TR, MMY-MAP1006FT8P-TR, MMY-MAP1206FT8P-TR, MMY-MAP1406FT8P-TR, MMY-MAP1606FT8P-TR, MMY-MAP1806FT8P-TR, MMY-MAP2006FT8P-TR MMY-MAP0806FT8JPTR, MMY-MAP1006FT8JPTR, MMY-MAP1206FT8JPTR, MMY-MAP1406FT8JPTR, MMY-MAP1606FT8JPTR, MMY-MAP1806FT8JPTR, MMY-MAP2006FT8JPTR					
<Parts on PCB MCC-1673>: Common Parts (Interface board)					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1673	Glass fiber epoxy resin, UL94V-0,	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F01, 02	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Photo-coupler IC504	TOSHIBA	TLP185	BV 3750Vms	EN 60747-5-2	VDE
Relay RY500, 503, 504, 506, 507, 508, 509, 510, 511, 512, 513, 515, 516, 517, 518, 519, 521, 522, 523, 524, 527	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
Line-Filter L404, 405	NEC TOKIN	SS11V-R08125	12.5mH, 0.8A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested with appliance
<Parts on PCB MCC-1669> : Parts for 8,10,12, 14HP (A3-IPDU)					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1669	Glass fiber epoxy resin ,UL 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Smoothing Capacitor C11, 12, 13, 14, 15, 16 (For 12,14HP) C11, 12, 13, 14 (For 8,10HP)	Various	Various	330uF, 400V Max : 85°C	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F01, 02	DAITONAGASA WA	GAC	31.5A, 500VAC	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJI TERMINAL INDUSTRY	UHOG-F25	31.5A, 500VAC	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F101	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-RF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L01	UENO	ADR25T-20R15T	AC600V, 20A, 0.15mH Insulation class: E PBT, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Photo-coupler IC102, 851, 852	TOSHIBA	TLP185	BV 3750Vms	EN 60747-5-2	VDE
Varistor R01	NIPPON CHEMI-CON	TNR14V911K	910V, 0.6W	CECC42000,42200,42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K550E2	910V, 0.6W	IEC 61051	VDE
Switching Transformer T101	TDK-EPC (EPCOS)	SWT-93	Bobbin:Phenol UL94V-0 Windings:UEW Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Current Transformer T611,612	NEC TOKIN	CT25U-VB-300T	Bobbin:PBT Windings:UEW Insulation Class:A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	NISHIMURA MUSEN	V30-Q195CT	Bobbin:PET Windings:UEW Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Parts on PCB MCC-1660> : Parts for 16,18,20HP (A3-IPDU)					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1660	Glass fiber epoxy resin ,UL 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Smoothing Capacitor C11, 12, 13, 14, 15, 16	Various	Various	330uF, 400V Max : 85°C	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F01,02	DAITONAGASA WA	GAC	40A, 500VAC	UL248-1 UL248-14	UL E46712
Fuse F101	SKYGATE	SCT	T3.15A, 250VAC	IEC60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L01	UENO	ADR31H-30001SD	AC600V, 30A, 0.1mH Insulation class: E PBT, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Photo-coupler IC102, 851, 852	TOSHIBA	TLP185	BV 3750Vms	EN 60747-5-2	VDE
Varistor R01	NIPPON CHEMI-CON	TNR14V911K	910V, 0.6W	CECC42000,42 200,42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K550E2	910V, 0.6W	IEC 61051	VDE
Switching Transformer T101	TDK-EPC (EPCOS)	SWT-93	Bobbin:Phenol UL94V-0 Windings:UEW Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Current Transformer T611,612	NEC TOKIN	CT25U-VB-300T	Bobbin:PBT Windings:UEW Insulation Class:A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NISHIMURA MUSEN	V30-Q195CT	Bobbin:PET Windings:UEW Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Parts on PCB MCC-1659> : Common parts (FAN IPDU)					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1659	Glass fiber epoxy resin ,UL 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Smoothing Capacitor C100	Various	Various	120uF, 400V, Max : 105°C	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Fuse F01	DAITONAGASA WA	HDL	6.3A, 750VDC	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F100	NIPPON SEISEN	FJL, FSL,SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Fuse F101	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Photo-coupler IC102, 851, 852	TOSHIBA	TLP185	BV 3750Vms	EN 60747-5-2	VDE
Varistor R100	NIPPON CHEMI-CON	TNR14V561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Switching Transformer T101	TAMURA	SWT-115	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Parts on PCB MCC-1608A> : (Noise Filter) For 8, 10, 12, 14HP models					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1608A	Glass fiber epoxy resin ,UL 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	UL
Fuse F01, 02, 03	NIPPON SEISEN	FJL, FSL,SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Varistor R01, 02, 03, 05	NIPPON CHEMI-CON	TNR14V561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
X2 Capacitor C01, 02, 03	OKAYA	LE225	2.2uF, 310VAC, Max : 110°C	IEC 60384-14 II EN132400	SEMKO

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Surge Absorber SG01	OKAYA	RA-302M-V7-Y(AB-1)	2700V - 3600V	IEC60384-14	TUV
<Alternative>	MITSUBISHI	DA38-362MT	3.6kV	EN 132400	TUV
Line Filter	TABUCHI	TOR-01	AC400V/35A 4.0mH, Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HITACHI METALS	FM-Y35O272MY-FTKPF	AC400V/35A 2.71mH, Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Parts on PCB MCC-1608A> : (Noise Filter) For 16, 18, 20HP models (2 PC Boards : MCC-1608A Right and MCC-1608A Left)					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1608A	Glass fiber epoxy resin ,UL 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F01, 02, 03 (For MCC-1608A Left)	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Varistor R01, 02, 03, 05 (For MCC-1608A Left)	NIPPON CHEMI-CON	TNR14V561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
X2 Capacitor C01, 02, 03	OKAYA	LE225	2.2uF, 310VAC MAX:110°C	IEC 60384-14 II EN132400	SEMKO
Surge Absorber SG01 (For MCC-1608A Left)	OKAYA	RA-302M-V7-Y(AB-1)	2700V - 3600V	IEC60384-14	TUV
<Alternative>	MITSUBISHI	DA38-362MT	3.6kV	EN 132400	TUV
Line Filter	HITACHI METALS	FM-Y50O771MY-FTKPF 16,18,20HP	AC500V, 50A, 0.77mH, Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Parts on PCB MCC-1608B> : (Noise Filter) For 8, 10, 12, 14HP models					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1608B	Glass fiber epoxy resin ,UL 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y2 Capacitor C31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 46 (For 8, 10, 12, 14HP)	MURATA	KH, KY	4700pF, 250VAC, Max : 85°C	IEC/EN 60384-14	VDE
X2 Capacitor C10, 11, 12	OKAYA	LE105	1uF, 310VAC, Max : 110°C	IEC 60384-14 II EN132400	SEMKO
Photo Coupler IC50 (For 8, 10, 12, 14HP)	TOSHIBA	TLP185	BV 3750Vms	EN 60747-5-2	VDE
Line Filter L10 (For 8, 10, 12, 14HP)	UENO	ADR2520-R15TB	AC250V, 20A, 0.15mH Insulation class: E PBT, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NEC TOKIN	SC-20-01J-A	AC250V, 20A, 0.15mH Insulation class : E PBT,UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R13 (For 8, 10, 12, 14HP)	NIPPON CHEMI-CON	TNR14V911K	910V, 0.6W	CECC42000,42 200,42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K550E2	910V, 0.6W	IEC 61051	VDE
PTC Thermistor RB10 (For 8, 10, 12, 14HP)	NICHICON	ZPM0RCH150B 250	15 Ohm,276V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	SHENZHEN	MZ32-30RHAGD03EA	15 Ohm,276V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay RY10	OMRON	G4A-1A-PE, G4A-1A-E	20A, AC250V Insulation class: E	IEC/DIN EN 61810-1	VDE
<Alternative>	DAIICHI	DA1U (DI12D1-O)	20A, AC250V Insulation class: E	EN 61810-1	TUV

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	SONG CHUAN	891	25A, AC250V Insulation class: E	EN 60255-23 EN 61810-1 EN61810-5	TUV
<Parts on PCB MCC-1608B> : (Noise Filter) For 16, 18, 20HP models (2 PC Boards : MCC-1608B Right and MCC-1608B Left)					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1608B	Glass fiber epoxy resin ,UL 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y2 Capacitor C32, 34, 36, 40, 43, 46 (For MCC-1608B Left)	MURATA	KH, KY	4700pF, 250VAC, MAX: 85°C	IEC/EN 60384-14	VDE
Y2 Capacitor C31, 32, 34, 35, 36, 38, 39, 40 (For MCC-1608B Right)	MURATA	KH, KY	4700pF, 250VAC, MAX: 85°C	IEC/EN 60384-14	VDE
X2 Capacitor C10, 11, 12	OKAYA	LE105	1uF, 310VAC, MAX: 110°C	IEC 60384-14 II EN132400	SEMKO
X2 Capacitor C14, 15, 16	OKAYA	LE225	2.2uF, 310VAC, MAX: 110°C	IEC 60384-14 II EN132400	SEMKO
Photo Coupler IC50 (For MCC-1608B Left)	TOSHIBA	TLP185	BV 3750Vms	EN 60747-5-2	VDE
Line Filter L10 (For MCC-1608B Left)	UENO	ADR2520-R15TB	AC250V, 20A, 0.15mH Insulation class: E PBT, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NEC TOKIN	SC-20-01J-A	AC250V, 20A, 0.15mH Insulation class : E PBT,UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R13 (For MCC-1608B Left)	NIPPON CHEMI-CON	TNR14V911K	910V, 0.6W	CECC42000,42200,42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K550E2	910V, 0.6W	IEC 61051	VDE
PTC Thermistor RB10 (For MCC-1608B Left)	NICHICON	ZPM0RCH150B250	15 Ohm, 276V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	SHENZHEN	MZ32-30RHAGD03EA	15 Ohm, 276V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay RY10 (For MCC-1608B Left)	OMRON	G4A-1A-PE, G4A-1A-E	20A, AC250V Insulation class: E	IEC/DIN EN 61810-1	VDE
<Alternative>	DAIICHI	DI1U (DI12D1-O)	20A, AC250V Insulation class: E	EN 61810-1	TUV
<Alternative>	SONG CHUAN	891	25A, AC250V Insulation class: E	EN 60255-23 EN 61810-1 EN61810-5	TUV
Other Parts>					
Terminal Block	JINLONG	JXO-6004	AC600V/ 75A, 4P UL94V-0, Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Reactor For 8,10HP	FUJIHEN	CH-79 (x2)	5.8mH, 16A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TABUCHI	CH-79 (x2)	5.8mH, 16A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	DPC	CH-79 (x2)	5.8mH, 16A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Reactor For 12,14HP	TABUCHI	CH-90 (x2)	2.9mH, 25A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Reactor For 16,18,20HP	TABUCHI	CH-65 (x2)	2.9mH, 30A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
PTC Thermistor	NICHICON	ZPR0YCE101A500 (x1) (8-14HP) (x2) (16-20HP)	15 Ohm, 276V Unsaturated Polyester	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NICHICON	ZPR0RCH150B250	15 Ohm, 276V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	SHENZHEN	MZ32-101RMARD01E	100 Ohm, 500V Phenol	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Magnet contactor	FUJI ELECTRIC	FC-1S Z675 (x1) (8-14HP) (x2) (16-20HP)	30A/AC440V Coil spec.: 50Hz/60Hz, 220-240V	IEC 60947 EN 60947	TUV

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	FUJI ELECTRIC	FC-1S	30A/AC440V Coil spec.: 50Hz, 220-240V	IEC 60947 EN 60947	TUV
<Alternative>	FUJI ELECTRIC	FC-1SUL	30A/AC440V Coil spec.: 50Hz, 220-240V	IEC 60947 EN 60947	TUV
<Alternative>	TOGAMI	CLK-26J	240V/30A, 440V/28A Coil spec.: 50Hz/60Hz, 220-240V	IEC 60947	CCC
<Alternative>	FUJI ELECTRIC	FC-2S	45A/AC440V Coil spec.: 50Hz, 220-240V	IEC 60947 EN 60947	TUV
Terminal Block (For 12,14,16, 18,20HP)	JINLONG	JXO-3004	AC600V,30A Urea resin, UL94V-0, Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Other Parts>					
Compressor (For 8,10HP)	TCFG Compressor	RA421A3TB-20MD (x2)	4 poles DC371V, 3750W Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative> (For 8,10HP)	TCC Compressor	DA421A3FB-29M (x2)	4 poles DC371V, 3750W Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Compressor (For 12,14,16, 18,20HP)	TCFG Compressor	RA641A3TB-20M (x2)	4 poles DC380V, 5600W Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative> (For 12,14,16, 18,20HP)	TCC Compressor	DA641A3FB-20M (x2)	4 poles DC380V, 5600W Insulation Class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For 8,10,12, 14HP)	WELLING	WDF-620A1000-1	DC480V-620V, 1000W Insulation class: Class E Insulation film : PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For 16,18, 20HP)	WELLING	WDF-620A1000-2 (x2)	DC480V-620V, 1000W Insulation class: Class E Insulation film : PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Pressure Switch	SAGINOMIYA.	ACB-4UB32W	ON-2.9MPa OFF-3.73MPa	DIN 32733 EN 12263	TUV
4way valve Coil	SANHUA	SQ	AC220-240V, 50/60Hz Insulation class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FOSHAN HUALU	STF	AC220-240V, 50/60Hz Insulation class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
2way Valve Coil SV2,SV3A, SV3C,SV3D SV3E,SV61, SV12（For All market and 16,18,20HP）	SAGINOMIYA	TEV	AC220-240V, 50Hz UL 94V-0 Insulation class: Class E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	SANHUA	FQ	AC220-240V, 50Hz, UL 94V-0 Insulation class: Class B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
2way Valve Coil SV41,SV42, SV51,SV11A, SV11B,SV14 SV52 (For MMY-MAP ****FT8P-E, -TR 8,10,12,14,16, 18,20HP)	SANHUA	FQ	AC220-240V, 50Hz UL 94V-0 Insulation class: Class B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative> For SV11A,SV11B	NICHIDEN KOGYO	SR53	AC220-240V, 50Hz, Insulation class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative> For SV11A,SV11B	SAGINOMIYA	VPV	AC220-240V, 50Hz UL 94V-0 Insulation class: Class B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
2way Valve Coil SV3B	SAGINOMIYA	VPV	AC220-240V, 50Hz UL 94V-0 Insulation class: Class B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Crank Case Heater for Compressor	KURABE	AC240V 29W (x2)	AC240V 29W	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Crank Case Heater for accumulator	KURABE	AC240V 55W	AC240V 55W	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
PMV Coil PMV1	FUJIKOKI	PAM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
PMV Coil PMV4	FUJIKOKI	HAM-MD12TCTH-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Option>					
Power peak cut control board Models: TCB-PCDM4E					
<Parts on PCB MCC-1212>					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1212	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal	OSADA	OTB-125-M-M4 2P	AC250V, 24A PBT (Polybutylene terepFThalate) UL94V0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay K100	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
<Alternative>	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
Output control board Models: TCB-PCIN4, PCIN4E					
<Parts on PCB MCC-1613>					
Printed Circuit Board	INTERCHANGE ABLE	MCC-1613	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Terminal	OSADA	OTB-125-B-6P-M4	AC250V, 24A PBT (Polybutylene terepFThalate) UL94V0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay K1, K2, K3	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
<Alternative>	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
Indoor unit : RBM-Y1801F4PE, RBM-Y1801F6PE					
<Parts on PCB MCC-1681>					
Printed Circuit Board PW01	INTERCHANGE ABLE	MCC-1681	Glass fiber epoxy resin, UL 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C01	OKAYA	LE684	0.68uF, 310VAC	EN 60384-14	SEMKO
<Alternative>	KEMET	R46	0.68uF, 275VAC	IEC 60384-14 EN 132400	ENEC/IMQ V4413
Smoothing Capacitor C08	NIPPON CHEMI-CON	EKMH451VSN121 MQ35T	120uF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C03,C04	MURATA	KH,KY	4700pF, 250VAC	IEC 60384-14	VDE
Y Capacitor C06	MURATA	KH,KY	10000pF, 250VAC	IEC 60384-14	VDE
Fuse F01	HOLLY LAND	50T(P)032HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-RF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Photo Coupler IC05,IC107	TOSIBA	TLP185	BV 3750Vrms	EN 60747-5-2	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	RENESAS	PS2701A-1	BV 2750Vrms	IEC 60747-5-2 DIN EN 60747-5-2	VDE 40008902
Line Filter L01	NEC TOKIN	SS21V-R180044	4.4mH,1.8A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R01 (Line to Line) R02 (Line to earth)	NIPPON CHEMI-CON	TND14V561K	560V, 0.6W	CECC42000, 42200,42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K385E2	620V 0.6W	IEC 61051	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC61051-1, 61051-2, 61051-2-2	VDE
Switching Transformer T01	TABUCHI	SWT-107	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	—	Tested in appliance
Surge Absorber SG01	MITSUBISHI	DA38-362MT	3.6kV	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	OKAYA	RA-302M-V7	3.0kV	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay RY710,711,712, 713	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
<Alternative>	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
Spark killer CR710,711,713	OKAYA	RE120033	AC250V 0.033uF+120Ω	IEC 60384-14	VDE 108801
Spark Killer CR712	OKAYA	RE1201	AC250V 0.1uF+120Ω	IEC 60384-14	VDE 108801
<Other parts>					

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Terminal Block	JINLONG	JXO-2B	250VAC, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	250VAC, 20A Unsaturated Polyester UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	KYOSHIN	-	AC250V, 20A P.C.	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor valve coil	FUJIKOKI	CAM-MD12TF-17	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
2way valve coil	SAGINOMIYA	VPV-MOAJ510B0	AC220-240V, 50Hz, Insulation class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NICHIDEN KOGYO	SR53	AC220-240V, 50Hz, Insulation class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	SANHUA	FQ	AC220-240V, 50Hz, Insulation class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: 4way Air Discharge Cassette type: MMU-AP0094HP-E, MMU-AP0124HP-E, MMU-AP0154HP-E, MMU-AP0184HP-E, MMU-AP0244HP-E, MMU-AP0274HP-E, MMU-AP0304HP-E, MMU-AP0364HP-E, MMU-AP0484HP-E, MMU-AP0564HP-E MMU-AP0094HP-TR, MMU-AP0124HP-TR, MMU-AP0154HP-TR, MMU-AP0184HP-TR, MMU-AP0244HP-TR, MMU-AP0274HP-TR, MMU-AP0304HP-TR, MMU-AP0364HP-TR, MMU-AP0484HP-TR, MMU-AP0564HP-TR MMU-AP0094HP1-E, MMU-AP0124HP1-E, MMU-AP0154HP1-E, MMU-AP0184HP1-E, MMU-AP0244HP1-E, MMU-AP0274HP1-E, MMU-AP0304HP1-E, MMU-AP0364HP1-E, MMU-AP0484HP1-E, MMU-AP0564HP1-E MMU-AP0094HP1-TR, MMU-AP0124HP1-TR, MMU-AP0154HP1-TR, MMU-AP0184HP1-TR, MMU-AP0244HP1-TR, MMU-AP0274HP1-TR, MMU-AP0304HP1-TR, MMU-AP0364HP1-TR, MMU-AP0484HP1-TR, MMU-AP0564HP1-TR					
< Parts on PCB MCC-1570>					
Printed Circuit Board	INTERCHANGEABLE	MCC-1570	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Smoothing Capacitor C08	Various	Various	220uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Capacitor C09	MURATA	DEHR33D222KN7A	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MURATA	DE1507-486R222K2K	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MATSUSHITA (PANASONIC)	ECKN3D222KBP	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C03, 04, 06	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C33	NICHICON	QXP2G104KRPT	0.1μF, 400VDC	IEC/EN 60384-14	ENEC
<Alternative>	NISSEI	MPE400J10400000000	0.1μF, 400VDC	IEC/EN 60384-14	SEMKO
Fuse F01	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-RF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Fuse F02	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L01	TDK	HF2836-472Y2R8	4.7mH, 2.8A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Varistor R01, 26 (Line to Line) R02	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Relay RY302, 303	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Switching Transformer T01	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C05	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Terminal Block	JINLONG	JXO-2B, JXO-3B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P, 3P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P, HP-T3038-33-3P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0094HP, AP0124HP, AP0154HP, AP0184HP, AP0244HP, AP0274HP, AP0304HP	SANWA	SWF-230-60-2R	DC280V, 60W Insulation class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0364HP, AP0484HP, AP0564HP	NIDEC	ICF-280-150-1	DC280V, 150W Insulation class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0364HP, AP0484HP, AP0564HP <Alternative>	FGLS ELECTRIC	FSF-340-150-1	DC280-340V, 150W Insulation class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor	SAGINOMIYA	MDP-1401	DC 12V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	PMD-08D12TF	DC12V insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Louver Motor	HIGASHIFUJI (NIDEC SANKYO)	MP24GA, MP24GA1, MP24ZN, MP24Z3N, MP24Z3T, MP24ZCN, MP24Z4N	DC12V, Insulation class : A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NIDEC	MSBPC20F01, MSBPC20F04	DC12V, Insulation class : E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	LEILI	24BYJ48-HT, 24BYJ48-HTP	DC12V, Insulation class : E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: Compact 4 Way Air Discharge Cassette type : MMU-AP0074MH-E, MMU-AP0094MH-E, MMU-AP0124MH-E, MMU-AP0154MH-E, MMU-AP0184MH-E, MMU-AP0056MH-E MMU-AP0074MH-TR, MMU-AP0094MH-TR, MMU-AP0124MH-TR, MMU-AP0154MH-TR, MMU-AP0184MH-TR, MMU-AP0056MH-TR MMU-AP0074MH1-E, MMU-AP0094MH1-E, MMU-AP0124MH1-E, MMU-AP0154MH1-E, MMU-AP0184MH1-E, MMU-AP0056MH1-E MMU-AP0074MH1-TR, MMU-AP0094MH1-TR, MMU-AP0124MH1-TR, MMU-AP0154MH1-TR, MMU-AP0184MH1-TR, MMU-AP0056MH1-TR					
<Parts on PCB MCC-1402> DC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1402	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO
Smoothing Capacitor C302	Various	Various	220uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Capacitor C307	MURATA	DEHR33D222KN7A	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MURATA	DE1507-486R222K2K	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MATSUSHITA (PANASONIC)	ECKN3D222KBP	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Y Capacitor C316, 317, 318, 332, 380	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C381	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
Fuse F301	NIPPON SEISEN	FJL, FSL,SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Fuse F302	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	BSI
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	BSI
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L301	NEC TOKIN	SC-05-100J	15mH, 5A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R301, 424 (Line to Line) R420 (Line to Ground)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Relay RY302, 303	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV,VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Switching Transformer T301	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Fan Motor	SANWA	SWF-230-60-1R, SWF-280-60-1	DC230, DC280V Output 60W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor	SAGINOMIYA	ADP-1409	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	PMD-08D12TF	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	12VDC Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Louver Motor	HIGASHIFUJI (NIDEC SANKYO)	MP24GA, MP24GA1, MP24ZN, MP24Z3N, MP24Z3T	DC12V Insulation class : A	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	NIDEC	MSBPC20F01, MSBPC20F04	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	LEILI	24BYJ48-HT, 24BYJ48-HTP	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance

Indoor unit: 2 Way Air Discharge Cassette type:

MMU-AP0072WH, MMU-AP0092WH, MMU-AP0122WH, MMU-AP0152WH, MMU-AP0182WH,

MMU-AP0242WH, MMU-AP0272WH, MMU-AP0302WH, MMU-AP0362WH, MMU-AP0482WH,

MMU-AP0562WH

MMU-AP0072WH-TR, MMU-AP0092WH-TR, MMU-AP0122WH-TR, MMU-AP0152WH-TR

MMU-AP0182WH-TR, MMU-AP0242WH-TR, MMU-AP0272WH-TR, MMU-AP0302WH-TR

MMU-AP0362WH-TR, MMU-AP0482WH-TR, MMU-AP0562WH-TR

MMU-AP0072WH1, MMU-AP0092WH1, MMU-AP0122WH1, MMU-AP0152WH1, MMU-AP0182WH1,

MMU-AP0242WH1, MMU-AP0272WH1, MMU-AP0302WH1, MMU-AP0362WH1, MMU-AP0482WH1,

MMU-AP0562WH1

MMU-AP0072WH1-TR, MMU-AP0092WH1-TR, MMU-AP0122WH1-TR, MMU-AP0152WH1-TR

MMU-AP0182WH1-TR, MMU-AP0242WH1-TR, MMU-AP0272WH1-TR, MMU-AP0302WH1-TR

MMU-AP0362WH1-TR, MMU-AP0482WH1-TR, MMU-AP0562WH1-TR

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Parts on PCB MCC-1631> DC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1402	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO
Smoothing Capacitor C302	Various	Various	220uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Capacitor C307	MURATA	DEHR33D222KN7A	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MURATA	DE1507-486R 222K2K	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MATSUSHITA (PANASONIC)	ECKN3D222KBP	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C316, 317, 318, 332, 380	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C381	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
Fuse F301	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-RF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Fuse F302	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L301	NEC TOKIN	SC-05-100J	15mH, 5A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R301, 420, 424	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Relay RY302, 303	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Switching Transformer T301	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B, JXO-3B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P, 3P	AC250V, 20A Unsaturated Polyester, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P, HP-T3038-33-3P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0072WH, AP0092WH, AP0122WH, AP0152WH AP0182WH, AP0242WH, AP0272WH, AP0302WH	SANWA	SWF-230-60-1R	DC280/340V Output 60W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0362WH, AP0482WH, AP0562WH	SANWA	SWF-280-120-2R	DC280/340V Output 120W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor	SAGINOMIYA	ADP-1409	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
PMV	FUJIKOKI	EDM-MD12TF EDM-MD12TF-3	DC12V, Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF	12VDC, Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Louver Motor	HIGASHIFUJI (NIDEC SANKYO)	MP24GA, MP24GA1, MP24ZN, MP24Z3N, MP24Z3T, MP24ZCN, MP24Z4N	DC12V, Insulation class : A	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	NIDEC	MSBPC20F01, MSBPC20F04	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	LEILI	24BYJ48-HT, 24BYJ48-HTP	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Indoor unit: 1 Way Air Discharge Cassette type : MMU-AP0074YH-E, MMU-AP0094YH-E, MMU-AP0124YH-E MMU-AP0074YH-TR, MMU-AP0094YH-TR, MMU-AP0124YH-TR MMU-AP0074YH1-E, MMU-AP0094YH1-E, MMU-AP0124YH1-E MMU-AP0074YH1-TR, MMU-AP0094YH1-TR, MMU-AP0124YH1-TR					
<Parts on PCB MCC-1403> AC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1403	Glass fiber epoxy resin,UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F-001	NIPPON SEISEN	FJL	T5A, 250VAC	IEC 60127 BS EN 60127-2	SEMKO
<Alternative>	SOC	ET	T5A, 250VAC	IEC 60127 BS EN 60127-2	BSI
<Alternative>	HOLLY LAND	50T(P)050HF	T5A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 005P-RF	T5A, 250VAC	IEC 60127-2	SEMKO
Relay RY001, 002, 004	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV,VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Relay RY005,006	FUJITSU	VE-12HE-K	Make: 5A, 250VAC Break: 3A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE
Relay RY007	FUJITSU	FTR-F1CA012V	5A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE
Varistor VA001, 003 (Line to Ground) VA002 (Line to Line)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Fan Motor	NIDEC	AF-200-22-4N-1	200V Output: 22W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor	SHIZUKI	CMPS400-1.0	1μF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Transformer	TAMURA	TT-13	Rating Primary: AC220-240V Secondary: S1: DC10.8V/0.46A S2: DC12.0V/0.16A S3: DC20.0V/0.15A Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor	FUJIKOKI	PJD-05230TF-1	220-240V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Louver motor	MITSUBISHI	MT8-3-6	220-240V Insulation class: A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: 1 Way Air Discharge Cassette type : MMU-AP0154SH-E, MMU-AP0184SH-E, MMU-AP0244SH-E, MMU-AP0154SH-TR, MMU-AP0184SH-TR, MMU-AP0244SH-TR MMU-AP0154SH1-E, MMU-AP0184SH1-E, MMU-AP0244SH1-E, MMU-AP0154SH1-TR, MMU-AP0184SH1-TR, MMU-AP0244SH1-TR					
<Parts on PCB MCC-1402> DC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1402	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO
Smoothing Capacitor C302	Various	Various	220uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Capacitor C307	MURATA	DEHR33D222K N7A	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MURATA	DE1507-486R 222K2K	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MATSUSHITA (PANASONIC)	ECKN3D222KB P	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C316, 317, 318, 332, 380	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C381	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
Fuse F301	NIPPON SEISEN	FJL, FSL,SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Fuse F302	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	BSI
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L301	NEC TOKIN	SC-05-100J	15mH, 5A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Varistor R301, 424 (Line to Line) R420 (Line to Ground)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Relay RY302, 303	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV,VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Switching Transformer T301	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor	SANWA	SWF-230-60-1R, SWF-280-60-1	DC230, DC280V Output 60W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor	SAGINOMIYA	ADP-1409	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	PMD-08D12TF	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	12VDC Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Louver Motor	HIGASHIFUJI (NIDEC SANKYO)	MP24GA, MP24GA1, MP24ZN, MP24Z3N, MP24Z3T	DC12V Insulation class : A	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	NIDEC	MSBPC20F01, MSBPC20F04	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	LEILI	24BYJ48-HT, 24BYJ48-HTP	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Indoor unit: Concealed Duct Type : MMD-AP0076BHP-E, MMD-AP0096BHP-E, MMD-AP0126BHP-E, MMD-AP0156BHP-E, MMD-AP0186BHP-E, MMD-AP0246BHP-E, MMD-AP0276BHP-E, MMD-AP0306BHP-E, MMD-AP0366BHP-E, MMD-AP0486BHP-E, MMD-AP0566BHP-E MMD-AP0076BHP-TR, MMD-AP0096BHP-TR, MMD-AP0126BHP-TR, MMD-AP0156BHP-TR, MMD-AP0186BHP-TR, MMD-AP0246BHP-TR, MMD-AP0276BHP-TR , MMD-AP0306BHP-TR, MMD-AP0366BHP-TR, MMD-AP0486BHP-TR, MMD-AP0566BHP-TR MMD-AP0076BHP1-E, MMD-AP0096BHP1-E, MMD-AP0126BHP1-E, MMD-AP0156BHP1-E, MMD-AP0186BHP1-E, MMD-AP0246BHP1-E, MMD-AP0276BHP1-E, MMD-AP0306BHP1-E, MMD-AP0366BHP1-E, MMD-AP0486BHP1-E, MMD-AP0566BHP1-E MMD-AP0076BHP1-TR, MMD-AP0096BHP1-TR, MMD-AP0126BHP1-TR, MMD-AP0156BHP1-TR, MMD-AP0186BHP1-TR, MMD-AP0246BHP1-TR, MMD-AP0276BHP1-TR , MMD-AP0306BHP1-TR, MMD-AP0366BHP1-TR, MMD-AP0486BHP1-TR, MMD-AP0566BHP1-TR					
<Parts on PCB MCC-1631> DC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1631	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO
<Alternative>	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
Smoothing Capacitor C08, 09	Various	Various	220uF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C03, 04, 06, 07	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C05	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
Fuse F01	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FSL,SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Fuse F02	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	BSI
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L01	NEC TOKIN	SC-05-100J	15mH, 5A Insulation class:A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R01	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Relay RY01	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Switching Transformer T01	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Reactor	TABUCHI	CH-49	15mH,4A Insulation class E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0074BHP, AP0094BHP, AP0124BHP, AP0154BHP, AP0184BHP	NIDEC SHIBAURA	ICF-340W150-2	DC280V Output 150W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Fan Motor (For) AP0244BHP, AP0274BHP, AP0304BHP	NIDEC SHIBAURA	ICF-340W150-1	DC280V Output 150W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0364BHP, AP0484BHP, AP0564BHP	NIDEC SHIBAURA	ICF-340W250-1	DC280V Output 250W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor	SAGINOMIYA	MDP-1401	DC12V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	PMD-08D12TF	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	12VDC Insulation class: E	IEC/EN 60335-2-40 IEC/EN 60335-1	Tested in appliance
<Alternative>	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: Slim Duct type: MMD-AP0074SPH-E, MMD-AP0094SPH-E, MMD-AP0124SPH-E, MMD-AP0154SPH-E, MMD-AP0184SPH-E, MMD-AP0244SPH-E, MMD-AP0274SPH-E, MMD-AP0056SPH-E MMD-AP0074SPH-TR, MMD-AP0094SPH-TR, MMD-AP0124SPH-TR, MMD-AP0154SPH-TR, MMD-AP0184SPH-TR, MMD-AP0244SPH-TR, MMD-AP0274SPH-TR, MMD-AP0056SPH-TR MMD-AP0074SPH1-E, MMD-AP0094SPH1-E, MMD-AP0124SPH1-E, MMD-AP0154SPH1-E, MMD-AP0184SPH1-E, MMD-AP0244SPH1-E, MMD-AP0274SPH1-E, MMD-AP0056SPH1-E MMD-AP0074SPH1-TR, MMD-AP0094SPH1-TR, MMD-AP0124SPH1-TR, MMD-AP0154SPH1-TR, MMD-AP0184SPH1-TR, MMD-AP0244SPH1-TR, MMD-AP0274SPH1-TR, MMD-AP0056SPH1-TR					
<Parts on PCB MCC-1402> DC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1402	Glass fiber epoxy resin, UL94V-0,	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Smoothing Capacitor C302	Various	Various	220uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Capacitor C307	MURATA	DEHR33D222KN7A	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MURATA	DE1507-486R222K2K	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MATSUSHITA (PANASONIC)	ECKN3D222KBP	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C316, 317, 318, 332, 380	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C381	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
Fuse F301	NIPPON SEISEN	FJL, FSL,SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Fuse F302	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Line Filter L301	NEC TOKIN	SC-05-100J	15mH, 5A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R301, 424 (Line to Line) R420 (Line to Ground)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Relay RY302, 303	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV,VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Switching Transformer T301	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Terminal Block	JINLONG	JXO-2B, JXO-3B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P, 3P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P, HP-T3038-33-3P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0054SPH, AP0074SPH, AP0094SPH, AP0124SPH, AP0154SPH, AP0184SPH, AP0056SPH	SANWA	SWF-230-60-1R, SWF-280-60-1	DC230, DC280V Output 60W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0244SPH, AP0274SPH	NIDEC	ICF-280-120-2C	DC230, DC280V Output 120W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor	SAGINOMIYA	ADP-1409	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	PMD-08D12TF	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	12VDC Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Indoor unit: Floor Standing Concealed Type : MML-AP0074BH-E, MML-AP0094BH-E, MML-AP0124BH-E, MML-AP0154BH-E, MML-AP0184BH-E, MML-AP0244BH-E MML-AP0074BH-TR, MML-AP0094BH-TR, MML-AP0124BH-TR, MML-AP0154BH-TR, MML-AP0184BH-TR, MML-AP0244BH-TR MML-AP0074BH1-E, MML-AP0094BH1-E, MML-AP0124BH1-E, MML-AP0154BH1-E, MML-AP0184BH1-E, MML-AP0244BH1-E MML-AP0074BH1-TR, MML-AP0094BH1-TR, MML-AP0124BH1-TR, MML-AP0154BH1-TR, MML-AP0184BH1-TR, MML-AP0244BH1-TR					
<Parts on PCB MCC-1403> AC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1403	Glass fiber epoxy resin,UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F-001	NIPPON SEISEN	FJL	T5.0A, 250VAC	IEC 60127 BS EN 60127-2	SEMKO
<Alternative>	SOC	ET	T5.0A, 250VAC	IEC 60127 BS EN 60127-2	BSI
<Alternative>	HOLLY LAND	50T(P)050HF	T5.0A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 005P-RF	T5.0A, 250VAC	IEC 60127-2	SEMKO
Relay RY001, 002, 004	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV,VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Relay RY005, 006	FUJITSU	VE-12HE-K	Make: 5A, 250VAC Break: 3A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Relay RY007	FUJITSU	FTR-F1CA012V	5A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE
Varistor VA001, 003 (Line to Line) VA002 (Line to Ground)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0074BH, AP0094BH, AP0124BH	NIDEC SHIBAURA	AF-200-19-4F	200V Output 19W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative> (For) AP0074BH, AP0094BH, AP0124BH	KUSATSU	SWA-200-19A4B	200V, Output 19W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Fan Motor (For) AP0154BH, AP0184BH, AP0244BH	NIDEC SHIBAURA	AF-200-70-4K	200V, Output 70W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor (For) AP0074BH, AP0094BH, AP0124BH	SHIZUKI	CMPS450-1.5	1.5µF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor (For) AP0154BH, AP0184BH	SHIZUKI	CMPS450-1.0	1.0µF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor (For) AP0244BH	SHIZUKI	CMPS450-2.0	2.0µF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Transformer	TAMURA	TT-13	Rating Primary: AC220-240V Secondary: S1: DC10.8V/0.46A S2: DC12.0V/0.16A S3: DC20.0V/0.15A Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

Indoor unit: Concealed Duct High Static Pressure Type :

MMD-AP0186HP-E, MMD-AP0246HP-E, MMD-AP0276HP-E, MMD-AP0366HP-E,

MMD-AP0486HP-E, MMD-AP0566HP-E,

MMD-AP0186HP-TR, MMD-AP0246HP-TR, MMD-AP0276HP-TR, MMD-AP0366HP-TR,

MMD-AP0486HP-TR, MMD-AP0566HP-TR,

MMD-AP0186HP-EU, MMD-AP0276HP-EU,

MMD-AP0186HP1-E, MMD-AP0246HP1-E, MMD-AP0276HP1-E, MMD-AP0366HP1-E,

MMD-AP0486HP1-E, MMD-AP0566HP1-E,

MMD-AP0186HP1-TR, MMD-AP0246HP1-TR, MMD-AP0276HP1-TR, MMD-AP0366HP1-TR,

MMD-AP0486HP1-TR, MMD-AP0566HP1-TR

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity1)
<Parts on PCB MCC-1631> DC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1631	Glass fiber epoxy resin, UL94V-0,	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C01	OKAYA	LE105	1µF, 310VAC	IEC/EN 60384-14	SEMKO
<Alternative>	ARCOTRONICS	R46	0.33µF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33µF, 310VAC	IEC/EN 60384-14	SEMKO
Y Capacitor C03, 04, 06, 07	MURATA	KH, KY	0.01µF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C05	OKAYA	LE104	0.1µF, 310VAC	IEC/EN 60384-14	SEMKO
<Alternative>	ARCOTRONICS	R46	0.1µF, 275VAC	IEC/EN 60384-14	ENEC
Fuse F01	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Fuse F02	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Line Filter L01	NEC TOKIN	SC-04-200J	29mH, 4A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NEC TOKIN	SC-05-100J	15mH, 5A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NEC TOKIN	SS21V-R180044	4.4mH, 1.8A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TNC	CV25A44	4.4mH, 1.8A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R01 (Line to Line)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Switching Transformer T01	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B, JXO-3B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	KYOSHIN	2P, 3P	AC250V, 20A Unsaturated Polyester, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P, HP-T3038-33-3P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Reactor	TABUCHI	CH-49	15mH, 4A Insulation class E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0186HP, AP0246HP, AP0276HP	NIDEC TECHNO MOTOR	ICF-340W250-2	DC280V Output 250W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0366HP, AP0486HP, AP0566HP	PANASONIC	MF-340W350-1	DC280V Output 350W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor	SAGINOMIYA	MDP-1401	DC 12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	PMD-08D12TF	DC 12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
PMV	FUJIKOKI	EDM-MD12TF EDM-MD12TF-3	DC12V, Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	12VDC, Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: Concealed Duct High Static Pressure Type: MMD-AP0364H-EU, MMD-AP0484H-EU, MMD-AP0564H-EU					
<Parts on PCB MCC-1403> AC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1403	Glass fiber epoxy resin,UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F-001	NIPPON SEISEN	FJL	T5A, 250VAC	IEC 60127 BS EN 60127-2	SEMKO
<Alternative>	SOC	ET	T5A, 250VAC	IEC 60127 BS EN 60127-2	BSI
<Alternative>	HOLLY LAND	50T(P)050HF	T5A, 250VAC	IEC 60127-2	SEMKO

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	SKYGATE	SG5013 005P-R F	T5A, 250VAC	IEC 60127-2	SEMKO
Relay RY001,002, 004	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV,VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Relay RY005,006	FUJITSU	VE-12HE-K	Make: 5A, 250VAC Break: 3A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE
Relay RY007	FUJITSU	FTR-F1CA012V	5A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE
Varistor VA001, 003 (Line to Ground) VA002 (Line to Line)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor for	SANSO	STF-200-370-4A	220V Output: 370W Insulation class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor	SHIZUKI	WME-RS450-12	12μF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Transformer	TAMURA	TT-13	Rating Primary: AC220-240V Secondary: S1: DC10.8V/0.46A S2: DC12.0V/0.16A S3: DC20.0V/0.15A Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor for (Option)	FUJIKOKI	PCD-4N230TF -2	230V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD45TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	KYOSHIN	4P	AC250V, 20A Unsaturated Polyester UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	JINLONG	JXO-4B	AC250V, 20A Urea resin UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	4P	AC250V, 20A P.C.	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay	OMRON	LY2F-T2-220/240	AC110V, 10A (Max.250V)	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse-Block	Metro Denki Kogyo	FH153-PB	AC250V, 30A UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse	SOC	(A)TLC-10A	AC250V, T10A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: Concealed Duct High Static Pressure Type: MMD-AP0726HP-E, MMD-AP0966HP-E MMD-AP0726HP-TR, MMD-AP0966HP-TR					
<Parts on PCB MCC-1643> CDB P.C.BOARD					
Printed Circuit Board PW01	INTERCHANGEABLE	MCC-1643	Glass fiber epoxy resin, UL94V-0,	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C01	OKAYA	LE684	0.68uF, 310VAC	EN 60384-14	SEMKO
<Alternative>	KEMET	R46KN3680	0.68uF, 275VAC	IEC 60384-14 EN 132400	ENEC/IMQ
Smoothing Capacitor C08	RUBYCON	400MXC220MT9SN	220uF, 400VAC	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	Nippon Chemi-Con Corporation.	KMQ400VSSN220M25B	220uF, 400VAC	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C03, C04, C06	MURATA	KH, KY	4700pF, 250VAC	IEC 60384-14 EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC 60384-14 EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC 60384-14 EN 60384-14	VDE
Fuse F01	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Photo-coupler IC05, 07	TOSHIBA	TLP185	BV 3750Vms	EN 60747-5-2	VDE
<Alternative>	RENESAS	PS2701A-1	BV 3750Vms	EN 60747-5-2	VDE
Line-Filter L01	NEC TOKIN	SS21V-R180044	4.4mH,1.8A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R01 (Line to Line)	NIPPON CHEMI-CON	TNR14V561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300, S14K300	470V, 0.4W, 560V, 0.6W	IEC 61051-1 IEC 61051-2	VDE
Varistor R02	NIPPON CHEMI-CON	TNR14V561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K385, S14K300	620V, 0.6W, 470V, 0.6W	IEC 61051-1 IEC 61051-2	VDE
Switching Transformer T01	TABUCHI	SWT-107	Bobbin: Phenol Windings: UEW Insulation Class: E UL94V-0	IEC/EN 60335-2-40 IEC/EN 60335-1	Tested in appliance
Pats on PCB MCC-1610> : FAN IPDU P.C.BOARD					
Printed Circuit Board	INTERCHANGEABLE	MCC-1610	Glass fiber epoxy resin,UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Smoothing Capacitor C510, 511	NICHICON	CE	760uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Printed Circuit Board	NIPPON CHEMICON	CE	760uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Printed Circuit Board	RUBYCON	CE	760uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F500	NIPPON SEISEN	GDT	T15A, 250 VAC	IEC/EN 60335-2-40 IEC/EN 60335-1	Tested in appliance
Fuse F510	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
Photo-coupler IC535,536,511	TOSHIBA	TLP185	BV 3750Vms	EN 60747-5-2	VDE
<Alternative>	RENESAS	PS2701A-1	BV 3750Vms	EN 60747-5-2	VDE
Varistor R501,510,590	NIPPON CHEMI-CON	TNR14V561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K385, S14K300	620V, 0.6W, 470V, 0.6W	IEC 61051-1 IEC 61051-2	VDE
Current Transformer T501	NISHIMURA MUSEN	S19-T497TV	Bobbin: Phenol Wire: UEW Insulation: Class:E UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Switching Transformer T510	TAMURA	SWT-103	Bobbin: Phenol Windings: UEW Insulation Class:E UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Pats on PCB MCC-1551> : Noise Filter P.C.BOARD					
Printed Circuit Board	INTERCHANGEABLE	MCC-1551	Glass fiber epoxy resin, UL94V-0,	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
X Capacitor C01, C02	OKAYA	LE105	1.0uF, 310VAC	IEC 60384-14 II EN132400	SEMKO
<Alternative>	ARCOTRONICS (NISSEI ELECTRIC)	R46KN	1.0uF, 275VAC	IEC/EN 60384-14	VDE
Y Capacitor C11, C12	OKAYA	YF333	0.033μF,300VAC	IEC 60384-14 EN132400	ENEC SE/0142-11
<Alternative>	OKAYA	YF473	0.047μF,300VAC	IEC 60384-14 EN132400	ENEC SE/0142-11
<Alternative>	OKAYA	YF223	0.022μF,300VAC	IEC 60384-14 EN132400	ENEC SE/0142-11
<Alternative>	MURATA	KH, KY	0.01μF, 250VAC	IEC 60384-14	VDE
Fuse F01	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Line Filter L01	NEC-TOKIN Corporation	SC-20-E18J	20A,250VAC 1.8-4.5mH/10kHz Insulation Class E, 120℃	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NEC-TOKIN Corporation	SC-20-E10JT	20A,250VAC 1.0mH/10kHz Insulation Class E, 120℃	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R01, R02	NIPPON CHEMI-CON	TNR14V561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K385, S14K300	620V, 0.6W, 470V, 0.6W	IEC 61051-1 IEC 61051-2	VDE
Terminal Block	JINLONG	JXO-4B	250VAC, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	4P	250VAC, 20A Unsaturated Polyester UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Reactor	YUNLU	CH-68	18mH, 5A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	WELLING	CH-68	18mH, 5A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIHEN	CH-68	18mH, 5A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	YUNLU	CH-55, CH-79	5.8mH, 14A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	WELLING	CH-55, CH-79	5.8mH, 14A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIHEN	CH-55, CH-79	5.8mH, 14A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	DPC	CH-55, CH-79	5.8mH, 14A, Insulation class H	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay	OMRON	G7L-1A-TUB	30A, 250VAC	EN61810-1	TUV
<Alternative>	DAIICHI	EL1U (EL12D1-F（M）)	30A, 250VAC	EN61810-1 EN61810-5	TUV
Relay for Drain pump	OMRON	LY1F	10A, 250VAC	EN61810-1	TUV
Fan Motor	KUSATSU ELECTRIC	SWF-340W1000-1	DC 340V Output 1000W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Indoor unit: Under Ceiling Type : MMC-AP0157HP-E, MMC-AP0187HP-E, MMC-AP0247HP-E, MMC-AP0277HP-E, MMC-AP0367HP-E, MMC-AP0487HP-E, MMC-AP0567HP-E MMC-AP0157HP-TR, MMC-AP0187HP-TR, MMC-AP0247HP-TR, MMC-AP0277HP-TR, MMC-AP0367HP-TR, MMC-AP0487HP-TR, MMC-AP0567HP-TR MMC-AP0157HP1-E, MMC-AP0187HP1-E, MMC-AP0247HP1-E, MMC-AP0277HP1-E, MMC-AP0367HP1-E, MMC-AP0487HP1-E, MMC-AP0567HP1-E MMC-AP0157HP1-TR, MMC-AP0187HP1-TR, MMC-AP0247HP1-TR, MMC-AP0277HP1-TR, MMC-AP0367HP1-TR, MMC-AP0487HP1-TR, MMC-AP0567HP1-TR					
Parts on PCB MCC-1643:					
Printed Circuit Board,	INTERCHANGEABLE	MCC-1643	Glass fiber epoxy resin, UL94V-0	IEC 60335-1 IEC 60335-2-40	Tested in appliance
X Capacitor, C01	OKAYA	LE684	0.68μF, 310VAC	IEC 60384-14	SEMKO
<Alternative>	ARCOTRONICS	R46	0.68μF, 275VAC	IEC 60384-14	ENEC/IMQ
Smoothing Capacitor, C08	Various	Various	220μF, 400V	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Y Capacitor, C03, 04, 06	MURATA	KH, KY	4700pF, 250VAC	IEC60384-14	VDE
<Alternative>	MURATA	KH, KY	0.01μF, 250VAC	IEC60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC60384-14	VDE
Fuse F01	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FSL, SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-RF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Line Filter L01	TDK-EPC (EPCOS)	SS21V-R180044	4.7mH, 2.8A, Insulation class: A Insulation case: PBT	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Varistor R01, 02	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Switching Transformer T01	TABUCHI	SWT-107	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester,UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0157HP, AP0187HP	NIDEC TECHNO MOTOR	ICF-340WD94-1	DC280V Output 94W Insulation class: E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Fan Motor (For) AP0247HP, AP0277HP	NIDEC TECHNO MOTOR	ICF-340WD94-2	DC280V Output 94W Insulation class: E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Fan Motor (For) AP0367HP, AP0487HP, AP0567HP	NIDEC TECHNO MOTOR	ICF-340WD139-1	DC280V Output 139W Insulation class: E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Fan Motor (For) AP0367HP, AP0487HP, AP0567HP	NIDEC TECHNO MOTOR	ICF-340WD139-1	DC280V Output 139W Insulation class: E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Drain Pump Motor	SAGINOMIYA	MDP-1401	DC 12V Insulation class: E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	PMD-08D12TF	DC 12V Insulation class: E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	12VDC, Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V, Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Louver Motor	HIGASHIFUJI (NIDEC SANKYO)	MP24GA, MP24GA1, MP24ZN, MP24Z3N, MP24Z3T, MP24ZCN, MP24Z4N	DC12V, Insulation class : A	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	NIDEC	MSBPC20F01, MSBPC20F04	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	LEILI	24BYJ48-HT, 24BYJ48-HTP	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Indoor unit: Compact High Wall type : MMK-AP0074MH-E, MMK-AP0094MH-E, MMK-AP0124MH-E MMK-AP0074MH-TR, MMK-AP0094MH-TR, MMK-AP0124MH-TR MMK-AP0054MHP-E, MMK-AP0054MHP- TR MMK-AP0054MHP-E1, MMK-AP0074MHP-E1, MMK-AP0094MHP-E1, MMK-AP0124MHP-E1 MMK-AP0054MHP-TR1, MMK-AP0074MHP-TR1, MMK-AP0094MHP-TR1, MMK-AP0124MHP-TR1 MMK-AP0074MH1-E, MMK-AP0094MH1-E, MMK-AP0124MH1-E MMK-AP0074MH1-TR, MMK-AP0094MH1-TR, MMK-AP0124MH1-TR MMK-AP0054MHP1-E, MMK-AP0054MHP1- TR MMK-AP0054MHP1-E1, MMK-AP0074MHP1-E1, MMK-AP0094MHP1-E1, MMK-AP0124MHP1-E1 MMK-AP0054MHP1-TR1, MMK-AP0074MHP1-TR1, MMK-AP0094MHP1-TR1, MMK-AP0124MHP1-TR1 Note: (For: -E1,-TR1 models) Models need to be used with PMV kit which is sold separately.					
<Parts on PCB MCC-1510> and <Parts on PCB MCC-1402>					
Printed Circuit Board	INTERCHANGEABLE	MCC-1510	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	INTERCHANGEABLE	MCC-1402	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO
Smoothing Capacitor C302	Various	Various	120uF, 450V, 150uF, 450V, 220uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity 1)
Capacitor C307	MURATA	DEHR33D222K N7A	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MURATA	DE1507-486R 222K2K	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MATSUSHITA (PANASONIC)	ECKN3D222KB P	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C318, 380, 332	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C381	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
Fuse F301	NIPPON SEISEN	FJL, FSL,SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-R F	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Line Filter L301	TDK	HF2836-353Y1R0-T01	35mH, 1.0A Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R301,R331 (Line to Line) R420 (Line to Ground)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V471K	470V, 0.6W	CECC42000, 42200, 42201	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity1)
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Switching Transformer T301	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B, JXO-3B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P, 3P	AC300V, 20A Unsaturated Polyester UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T4015-21-2P, HP-T4015-21-3P	AC300V, 20A Unsaturated Polyester UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor	NIDEC SHIBAURA	TICF-340-30-2A, ICF-340-30-2A, ICF-340U30-2, ICF-340-30-2B, ICF-340-30-4	DC340V Output 30W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	PANASONIC	MF-340-30-1RT, MF-340-30-1, MF-340-30-2, MF-340-30-3, MF-340-30-4, MF-340-30-1A	DC340V Output 30W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	WELLING	RD-340-30-8A	DC340V Output 30W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve (PMV)	FUJIKOKI	EDM-MD13TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: High-Wall type : MMK-AP0073H, MMK-AP0093H, MMK-AP0123H, MMK-AP0153H, MMK-AP0183H, MMK-AP0243H MMK-AP0073HP-E1, MMK-AP0093HP-E1, MMK-AP0123HP-E1, MMK-AP0153HP-E1, MMK-AP0183HP-E1, MMK-AP0243HP-E1 MMK-AP0073HP-TR1, MMK-AP0093HP-TR1, MMK-AP0123HP-TR1, MMK-AP0153HP-TR1, MMK-AP0183HP-TR1, MMK-AP0243HP-TR1 MMK-AP0073H1, MMK-AP0093H1, MMK-AP0123H1, MMK-AP0153H1, MMK-AP0183H1, MMK-AP0243H1 MMK-AP0073HP1-E1, MMK-AP0093HP1-E1, MMK-AP0123HP1-E1, MMK-AP0153HP1-E1, MMK-AP0183HP1-E1, MMK-AP0243HP1-E1 MMK-AP0073HP1-TR1, MMK-AP0093HP1-TR1, MMK-AP0123HP1-TR1, MMK-AP0153HP1-TR1, MMK-AP0183HP1-TR1, MMK-AP0243HP1-TR1 Note: (For: -E1,-TR1 models) Models need to be used with PMV kit which is sold separately.					
< Parts on PCB MCC-1510>					
Printed Circuit Board	INTERCHANGEABLE	MCC-1510	Glass fiber epoxy resin, UL94V-0, CTI=600	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO
Smoothing Capacitor C302	Various	Various	120uF, 450V, 150uF, 450V, 220uF, 400V,	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Capacitor C307	MURATA	DEHR33D222KN7A	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MURATA	DE1507-486R222K2K	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MATSUSHITA (PANASONIC)	ECKN3D222KBP	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C316,317,318, C380,332	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
X Capacitor C381	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
Fuse F301	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L301	TDK	HF2836-353Y1R0-T01	35mH, 1.0A Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R301, 331 (Line to Line) R420 (Line to Ground)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V471K	470V, 0.4W	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V471K	470V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Switching Transformer T301	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B, JXO-3B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P, 3P	AC300V, 20A Unsaturated Polyester UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T4015-21-2P, HP-T4015-21-3P	AC300V, 20A Unsaturated Polyester UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor	NIDEC	ICF-340-30-4, ICF-340-30-4A, ICF-340U30-1, ICF-340-30-2B	DC340V, 30W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	PANASONIC	MF-340-30-1RT, MF-340-30-1, MF-340-30-1A, MF-340-30-2, MF-340-30-3, MF-340-30-4	DC250-370V, 30W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Louver Motor	HIGASHIFUJI (NIDEC SANKYO)	MP24GA, MP24GA1, MP24ZN, MP24Z3N, MP24Z3T	DC12V, Insulation class : A	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	NIDEC	MSBPC20F01, MSBPC20F04	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Indoor unit: Floor Standing Cabinet Type : MML-AP0074H-E, MML-AP0094H-E, MML-AP0124H-E, MML-AP0154H-E, MML-AP0184H-E, MML-AP0244H-E MML-AP0074H-TR, MML-AP0094H-TR, MML-AP0124H-TR, MML-AP0154H-TR, MML-AP0184H-TR, MML-AP0244H-TR MML-AP0074H1-E, MML-AP0094H1-E, MML-AP0124H1-E, MML-AP0154H1-E, MML-AP0184H1-E, MML-AP0244H1-E MML-AP0074H1-TR, MML-AP0094H1-TR, MML-AP0124H1-TR, MML-AP0154H1-TR, MML-AP0184H1-TR, MML-AP0244H1-TR					
<Parts on PCB MCC-1403> AC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1403	Glass fiber epoxy resin,UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F-001	NIPPON SEISEN	FJL	T5.0A, 250VAC	IEC 60127 BS EN 60127-2	SEMKO
<Alternative>	SOC	ET	T5.0A, 250VAC	IEC 60127 BS EN 60127-2	BSI
<Alternative>	HOLLY LAND	50T(P)050HF	T5.0A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 005P-RF	T5.0A, 250VAC	IEC 60127-2	SEMKO
Relay RY001, 002, 004	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV,VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Relay RY005,006	FUJITSU	VE-12HE-K	Make: 5A, 250VAC Break: 3A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Relay RY007	FUJITSU	FTR-F1CA012V	5A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE
Varistor VA001, 003 (Line to Ground) VA002 (Line to Line)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0074H, AP0094H	NIDEC SHIBAURA	AF-200-19-4F	200V Output 19W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative> (For) AP0074H, AP0094H	KUSATSU	SWA-200-19A4A	200V, Output 19W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0124H, AP0154H	NIDEC SHIBAURA	AF-200-45-4F	200V Output 45W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Fan Motor (For) AP0184H, AP0244H	NIDEC SHIBAURA	AF-200-70-4K	200V Output 70W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor (For) AP0074H, AP0094H	SHIZUKI	CMPS450-1.2	1.2μF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor (For) AP0124H, AP0154H	SHIZUKI	CMPS450-1.8	1.8μF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor (For) AP0184H, AP0244H	SHIZUKI	CMPS450-2.0	2.0μF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Transformer	TAMURA	TT-13	Rating Primary: AC220-240V Secondary: S1: DC10.8V/0.46A S2: DC12.0V/0.16A S3: DC20.0V/0.15A Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Indoor unit: Floor Standing Type : MMF-AP0156H-E, MMF-AP0186H-E, MMF-AP0246H-E, MMF-AP0276H-E, MMF-AP0366H-E, MMF-AP0486H-E, MMF-AP0566H-E MMF-AP0156H-TR, MMF-AP0186H-TR, MMF-AP0246H-TR, MMF-AP0276H-TR, MMF-AP0366H-TR, MMF-AP0486H-TR, MMF-AP0566H-TR MMF-AP0156H1-E, MMF-AP0186H1-E, MMF-AP0246H1-E, MMF-AP0276H1-E, MMF-AP0366H1-E, MMF-AP0486H1-E, MMF-AP0566H1-E, MMF-AP0156H1-TR, MMF-AP0186H1-TR, MMF-AP0246H1-TR, MMF-AP0276H1-TR, MMF-AP0366H1-TR, MMF-AP0486H1-TR, MMF-AP0566H1-TR					
<Parts on PCB MCC-1643> DC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1643	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C01	OKAYA	LE684	0.68µF, 310VAC	IEC/EN 60384-14	SEMKO
<Alternative>	ARCOTRONICS	R46	0.68µF, 275VAC	IEC 60384-14	ENEC
Y Capacitor C03, 04, 06	MURATA	KH	0.01µF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH	1000pF, 250VAC	IEC/EN 60384-14	VDE
Fuse F01	NIPPON SEISEN	FJL, FSL,SLT	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)063HF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 063P-RF	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET, TSCR, BET	T6.3A, 250VAC	IEC/EN 60127-2	SEMKO
Line Filter L01	NEC TOKIN	SC-04-200J	29mH, 4A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	NEC TOKIN	SC-05-100J	15mH, 5A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	NEC TOKIN	SS21V-R180044	4.4mH, 1.8A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TNC	CV25A44	4.4mH, 1.8A, Insulation class: A Insulation case: PBT	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R01, 02 (Line to Line)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	EPCOS	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR14G561K	560V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	EPCOS	S14K300, S14K385	470V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Switching Transformer T01	TABUCHI	SWT-107	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B, JXO-3B	250VAC, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P, 3P	250VAC, 20A Unsaturated Polyester UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P, HP-T3038-33-3P	250VAC, 20A Polyester UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Reactor	TABUCHI	CH-49	15mH,4A Insulation class E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0156H, AP0186H, AP0246H, AP0276H	NIDEC	ICF-340D62-1	DC280V Output 62W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (For) AP0366H, AP0486H, AP0566H	NIDEC	ICF-340WD109-1	DC280V Output 109W Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD12TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	12VDC, Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: Console Type : MML-AP0074NH-E, MML-AP0094NH-E, MML-AP0124NH-E, MML-AP0154NH-E, MML-AP0184NH-E MML-AP0074NH-TR, MML-AP0094NH-TR, MML-AP0124NH-TR, MML-AP0154NH-TR, MML-AP0184NH-TR MML-AP0074NH1-E, MML-AP0094NH1-E, MML-AP0124NH1-E, MML-AP0154NH1-E, MML-AP0184NH1-E, MML-AP0074NH1-TR, MML-AP0094NH1-TR, MML-AP0124NH1-TR, MML-AP0154NH1-TR, MML-AP0184NH1-TR					
<Parts on PCB MCC-1510> DC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1510	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C301	ARCOTRONICS	R46	0.33uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE334	0.33uF, 310VAC	IEC/EN 60384-14	SEMKO
Smoothing Capacitor C302	Various	Various	120uF, 450V 150uF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Y Capacitor C303, 316, 317, 318, 332, 380	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity 1)
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
Capacitor C307	MURATA	DEHR33D222KN7A	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MURATA	DE1507-486R222K2K	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	MATSUSHITA	ECKN3D222KBP	2200pF, 2000V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
X Capacitor C381	ARCOTRONICS	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
Fuse F301	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Line Filter L301	TDK	HF2836-353Y1R0-T01	35mH, 1.0A Insulation class:E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Varistor R301, 331 (Line to Line) R420 (Line to Ground)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	EPCOS	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	EPCOS	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Switching Transformer T301	TAMURA	SWT-91	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	TAMURA	SWT-71	Bobbin: Phenol UL94V-0 Windings: UEW Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	JINLONG	JXO-2B, JXO-3B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P, 3P	AC250V, 20A Unsaturated Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P, HP-T3038-33-3P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor	NIDEC SHIBAURA	ICF-340-41-1	DC340V Output 41W Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Louver Motor	HIGASHIFUJI (NIDEC SANKYO)	MP24ZN, MP24Z3N, MP24Z3T, MP24ZCN, MP24Z4N	DC12V, Insulation class : A	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	NIDEC	MSBPC20F01, MSBPC20F04	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	LEILI	24BYJ48-HT, 24BYJ48-HTP	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Indoor unit: Air to Air Heat Exchanger with DX coil (& Humidifier): MMD-VNK502HEXE, MMD-VNK802HEXE, MMD-VNK1002HEXE, MMD-VNK1002HEXE2, MMD-VN502HEXE, MMD-VN802HEXE, MMD-VN1002HEXE, MMD-VN1002HEXE2, MMD-VNK502HEXE-TR, MMD-VNK802HEXE-TR, MMD-VNK1002HEXE-TR, MMD-VN502HEXE-TR, MMD-VN802HEXE-TR, MMD-VN1002HEXE-TR MMD-VNK502HEX1E, MMD-VNK802HEX1E, MMD-VNK1002HEX1E, MMD-VNK1002HEX1E2, MMD-VN502HEX1E, MMD-VN802HEX1E, MMD-VN1002HEX1E, MMD-VN1002HEX1E2 MMD-VNK502HEX1E-TR, MMD-VNK802HEX1E-TR, MMD-VNK1002HEX1E-TR, MMD-VN502HEX1E-TR, MMD-VN802HEX1E-TR, MMD-VN1002HEX1E-TR					
<Parts on PCB MCC-1615>					
Printed Circuit Board	INTERCHANGEABLE	MCC-1615	Glass fiber epoxy resin, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Switching transformer T101	TDK	SWT-100	Bobbin: Phenol UL94V-0 Windings: UEW Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F01	SKYGATE	SCT	T3.15A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	HOLLY LAND	50T(P)032HF	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 3.15P-R F	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	NIPPON SEISEN	FJL, FCU	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	SOC	ET	T3.15A, 250VAC	IEC/EN 60127-2	SEMKO
<Alternative>	PICO	SCT	T3.15A, 250VAC	IEC/EN 60127-2	VDE
Varistor R01, 02, 07, 601	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Line Filter L01	NEC TOKIN	SS11V-R05350	35mH, 0.5A Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Capacitor C01	ARCOTRONICS	R46	0.22uF, 275VAC	IEC/EN 60384-14	ENEC
<Alternative>	OKAYA	LE224	0.22uF, 310VAC	IEC/EN 60384-14	SEMKO
Capacitor C05	ARCOTRONICS	LE104	0.1uF, 310VAC	IEC/EN 60384-14	SEMKO
<Alternative>	OKAYA	R46	0.1uF, 275VAC	IEC/EN 60384-14	ENEC
Capacitor C08	Various	Various	150uF, 400V 120uF, 400V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay RY601, 602, 701, 704, 708, 709, 710	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV, VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U EN12D1	3A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Relay RY702, 705	PANASONIC	JQ1-12-F	5A, 250V	IEC 61810-1	VDE
<Alternative>	PANASONIC	AJQ1341	5A, 250V	IEC 61810-1	VDE
<Alternative>	OMRON	G5SB	5A/3A, 250V	IEC 61810-1	VDE
Y Capacitor C03, 04, 06	MURATA	KH, KY	0.01uF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	4700pF, 250VAC	IEC/EN 60384-14	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
<Alternative>	MURATA	KH, KY	2200pF, 250VAC	IEC/EN 60384-14	VDE
<Alternative>	MURATA	KH, KY	1000pF, 250VAC	IEC/EN 60384-14	VDE
Fan Motor (Air Supply) VNK502HEXE VN502HEXE VNK502HEXE-TR VN502HEXE-TR	UNION SEIKO	BT9V005304	AC220-240V Insulation Class: F	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Thermal fuse	Therm-O-Disc Europe B.V.	E4A5X 152C	152°C 250V 10A	IEC / EN 60691	VDE
Wire	Fukuden Co., Ltd	FEP 0.75SQ	AC1500V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (Air Exhaust) VNK502HEXE VN502HEXE VNK502HEXE-TR VN502HEXE-TR	UNION SEIKO	BT9V005303	AC220-240V Insulation Class: F	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Thermal fuse	Therm-O-Disc Europe B.V.	E4A5X 152C	152°C 250V 10A	IEC / EN 60691	VDE
Wire	Fukuden Co., Ltd	FEP 0.75SQ	AC1500V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (Air Supply) VNK802HEXE VN802HEXE VNK802HEXE-TR VN802HEXE-TR	Union Seiko Co.,Ltd	BT9V005408	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Thermal fuse	Therm-O-Disc Europe B.V.	E4A5X 152C	152°C 250V 10A	IEC / EN 60691	VDE
Wire	Fukuden Co., Ltd	FEP 0.75SQ	AC1500V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Fan Motor (Air Exhaust) VNK802HEXE VN802HEXE VNK802HEXE-TR VN802HEXE-TR	Union Seiko Co.,Ltd	BT9V005407	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Thermal fuse	Therm-O-Disc Europe B.V.	E4A5X 152C	152°C 250V 10A	IEC / EN 60691	VDE
Wire	Fukuden Co., Ltd	FEP 0.75SQ	AC1500V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (Air Supply) VNK1002HEXE VN1002HEXE VNK1002HEXE-TR VN1002HEXE-TR	UNION SEIKO	BT9V005410	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Thermal fuse	Therm-O-Disc Europe B.V.	E4A5X 152C	152°C 250V 10A	IEC / EN 60691	VDE
Wire	Fukuden Co., Ltd	FEP 0.75SQ	AC1500V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (Air Exhaust) VNK1002HEXE VN1002HEXE VNK1002HEXE-TR VN1002HEXE-TR	UNION SEIKO	BT9V005409	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Thermal fuse	Therm-O-Disc Europe B.V.	E4A5X 152C	152°C 250V 10A	IEC / EN 60691	VDE
Wire	Fukuden Co., Ltd	FEP 0.75SQ	AC1500V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (Air Supply) VNK1002HEXE2 VN1002HEXE2	UNION SEIKO	BT9V005412	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Thermal fuse	Therm-O-Disc Europe B.V.	E4A5X 152C	152°C 250V 10A	IEC / EN 60691	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity1)
Wire	Fukuden Co., Ltd	FEP 0.75SQ	AC1500V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor (Air Exhaust) VNK1002HEXE2 VN1002HEXE2	UNION SEIKO	BT9V005411	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Thermal fuse	Therm-O-Disc Europe B.V.	E4A5X 152C	152°C 250V 10A	IEC / EN 60691	VDE
Wire	Fukuden Co., Ltd	FEP 0.75SQ	AC1500V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Capacitors for Motor	Shizuki Electric Co.,Inc	CMPS45B505UWC	450VAC 5uF PBT	IEC 60252	VDE
Terminal Block (For power supply & humidistat)	JINLONG	JXO-2B	AC250V, 20A Urea UL94V-0 Thermosetting	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block (5P)	JINLONG	JXO-5B	AC250V, 20A Urea UL94V-0 Thermosetting	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block <As distribute use>	Kyoshin Kogyo Co., Ltd	2PKL	AC250V, 20A UL94V-0 Unsaturated polyester Thermosetting	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay	OMRON Corporation	LY1F	AC240V, 15A	IEC61810-1	TUV
Magnetic Valve for humidifier (for "VNK" models only)	SMC Corporation	VCW21-36G-2-01-8	AC230V Insulation Class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Decopmpression Valve for humidifier (for "VNK" models only)	NOK Corporation	KJ339	AC220-240V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse Block	Metro Denki Kogyo Co., Ltd	FH153-PB	AC250V,30A Unsaturated Polyester Thermosetting	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Fuse	SOC Corporation	(A)TLC-15A	AC250V, 15A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Damper Motor Louver Motor	HIGASHIFUJI (NIDEC SANKYO)	MP24ZN, MP24Z3N, MP24Z3T	DC12V, Insulation class : A	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	NIDEC	MSBPC20F01, MSBPC20F04	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
<Alternative>	LEILI	24BYJ48-HT, 24BYJ48-HTP	DC12V, Insulation class : E	IEC 60335-1 IEC 60335-2-40	Tested in appliance
Pulse Modulating Valve VNK502 type VN502 type	FUJIKOKI	EFM-25YGFT-1	DC12V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Modulating Valve VNK802 type VNK1002 type VN802 type VN1002 type	FUJIKOKI	EFM-40YGFT-1	DC12V Insulation Class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Indoor unit: Concealed Duct High Static Pressure type : MMD-AP0724H-E, MMD-AP0964H-E MMD-AP0724H-TR, MMD-AP0964H-TR					
<Parts on PCB MCC-1403> AC Fan Motor Model					
Printed Circuit Board	INTERCHANGEABLE	MCC-1403	Glass fiber epoxy resin,UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse F-001	NIPPON SEISEN	FJL	T5A, 250VAC	IEC 60127 BS EN 60127-2	SEMKO
<Alternative>	SOC	ET	T5A, 250VAC	IEC 60127 BS EN 60127-2	BSI
<Alternative>	HOLLY LAND	50T(P)050HF	T5A, 250VAC	IEC 60127-2	SEMKO
<Alternative>	SKYGATE	SG5013 005P-RF	T5A, 250VAC	IEC 60127-2	SEMKO
Relay RY001, 002, 004	SONG CHUAN	202	5A , 250V Insulation Class E	IEC/EN 61810-1	VDE
<Alternative>	OMRON	G5N-1A, G5NB-1A, G5NB-1A-CA	3A , 125V 3A , 250V Insulation Class E	IEC/EN 61810-1	TUV,VDE
<Alternative>	SHINMEI	RPG	3A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	TYCO	PCJ-112D3MH	3A , 250V Insulation Class E	IEC/EN 61810-1	VDE

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity1)
<Alternative>	DAIICHI	DQ12D1-O(M), DQ1U	5A, 250V Insulation Class E	IEC/EN 61810-1	TUV
<Alternative>	DAIICHI	EN1U	3.0A, 277V Insulation Class: E	IEC/EN 61810-1	TUV
<Alternative>	PANASONIC	ALDP	5.0A, 277V Insulation Class: E	IEC/EN 61810-1	VDE
Relay RY005,006	FUJITSU	VE-12HE-K	Make: 5A, 250VAC Break: 3A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE
Relay RY007	FUJITSU	FTR-F1CA012V	5A, 250VAC Class B	IEC 61810-1 DIN EN 61810-1	VDE
Varistor VA001, 003 (Line to Ground) VA002 (Line to Line)	NIPPON CHEMI-CON	TNR10V471K, TNR10G471K	470V, 0.4W	CECC42000, 42200, 42201	VDE
<Alternative>	TDK-EPC (EPCOS)	S10K300	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	WALSIN	SR471K10D	470V, 0.4W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	NIPPON CHEMI-CON	TNR14V561K, TNR15G561K	560V, 0.6W	CECC42000, 42200, 42201	VDE
<Alternative>	WALSIN	SR561K14D	560V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
<Alternative>	TDK-EPC (EPCOS)	S14K350, S14K385	560V, 0.6W 620V, 0.6W	IEC/EN 61051-1 IEC/EN 61051-2	VDE
Terminal Block	JINLONG	JXO-2B	AC250V, 20A Urea, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	2P	AC250V, 20A Unsaturated Polyester, UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	HOPPY	HP-T3038-33-2P	AC250V, 20A Polyester, UL94V-0 Thermosetting plastic	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fan Motor for	SANSO	STF-200-370-4A	220V Output: 370W Insulation class: B	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Running Capacitor	SHIZUKI	WME-RS450-12	12µF, 450V	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1)]
Transformer	TAMURA	TT-13	Rating Primary: AC220-240V Secondary: S1: DC10.8V/0.46A S2: DC12.0V/0.16A S3: DC20.0V/0.15A Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Drain Pump Motor for (Option)	FUJIKOKI	PCD-4N230TF -2	230V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Pulse Motor Valve	FUJIKOKI	EDM-MD45TF, EDM-MD12TF-3	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	FUJIKOKI	EFM-MD12TF, EFM-MD12TF-1	DC12V Insulation class: E	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Terminal Block	KYOSHIN	4P	AC250V, 20A Unsaturated Polyester UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	JINLONG	JXO-4B	AC250V, 20A Urea resin UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
<Alternative>	KYOSHIN	4P	AC250V, 20A P.C.	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Relay	OMRON	LY2F-T2-220/240	AC110V, 10A (Max.250V)	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse-Block	Metro Denki Kogyo	FH153-PB	AC250V, 30A UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance
Fuse	SOC	(A)TLC-10A	AC250V, T10A	IEC/EN 60335-1 IEC/EN 60335-2-40	Tested in appliance

Supplementary information:

[1)] Provided evidence ensures the agreed level of compliance. See OD-CB2039.

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

28.1	**TABLE: Threaded part torque test**		P
Threaded part identification	Diameter of thread (mm)	Column number (I, II, or III)	Applied torque (Nm)
Screws for fixing cover of terminal box Indoor unit	3.9	II	1.2
Screws for cord anchorage Indoor unit	3.9	II	1.2
Screws for connection at terminal blocks Indoor unit	3.8	II	1.2
Earthing screw of Indoor unit	3.9	II	1.2
Earthing screw of indoor unit	3.9	II	1.2
Earthing screw of Outdoor uni	8.0	II	2.5
Supplementary information: N/A			

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

29.1	**TABLE: Clearances**		P
	Overvoltage category ....:	II	—

		Type of insulation:				
Rated impulse voltage (V):	Min. cl (mm)	Basic (mm)	Supplementary (mm)	Reinforced (mm)	Functional (mm)	Verdict / Remark
330	0,2* / 0,5 / 0,8**	--	--	--	--	N/A
500	0,2* / 0,5 / 0,8**	--	--	--	--	N/A
800	0,2* / 0,5 / 0,8**	--	--	--	--	N/A
1 500	0,5 / 0,8** / 1,0***	--	--	--	--	N/A
2 500	**1,5** / 2,0***	**4.0**	**4.1**	**--**	**3.3**	P
4 000	**3,0** / 3,5***	--	--	**>20**	--	P
6 000	5,5 / 6,0***	--	--	--	--	N/A
8 000	8,0 / 8,5***	--	--	--	--	N/A
10 000	11,0 / 11,5***	--	--	--	--	N/A

Supplementary information:

Basic: Distance between compressor terminals and its housing.
Functional: Distance between L and N on PCB
Supplementary: Distance between internal wire and accessible on indoor unit.

Reinforce: Distance between live parts and accessible parts.

*) For tracks on printed circuit boards if pollution degree 1 and 2
**) For pollution degree 3
***) If the construction is affected by wear, distortion, movement of the parts or during assembly

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Clause	Requirement + Test	Result - Remark	Verdict

29.2	**TABLE: Creepage distances, basic, supplementary and reinforced insulation**										P
Working voltage (V)	Creepage distance (mm) Pollution degree										
	1	2			3			Type of insulation			Verdict
		Material group			Material group						
		I	II	IIIa/IIIb	I	II	IIIa/IIIb*	B**	S**	R**	
≤50	0,18	0,6	0,85	1,2	1,5	1,7	1,9		—	—	N/A
≤50	0,18	0,6	0,85	1,2	1,5	1,7	1,9	—		—	N/A
≤50	0,36	1,2	1,7	2,4	3,0	3,4	3,8	—	—		N/A
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4		—	—	N/A
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4	—		—	N/A
125	0,56	1,5	2,1	3,0	3,8	4,2	4,8	—	—		N/A
250	0,56	1,25	1,8	2,5	3,2	3,6	**4,0**	4.0	—	—	P
250	0,56	1,25	1,8	2,5	3,2	3,6	**4,0**	—	>20	—	P
250	1,12	2,5	3,6	5,0	6,4	7,2	**8,0**	—	—	>20	P
B; Basic: Between pin of compressor's terminal and its metal housing. (Outdoor unit) S; Supplementary: Between internal wire at supply connecting terminals and accessible. (Indoor unit) R; Reinforced: Live parts at supply connecting terminals and accessible. (Outdoor unit)											
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3		—	—	N/A
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3	—		—	N/A
400	2,0	4,0	5,6	8,0	10,0	11,2	12,6	—	—		N/A
500	1,3	2,5	3,6	5,0	6,3	7,1	8,0		—	—	N/A
500	1,3	2,5	3,6	5,0	6,3	7,1	8,0	—		—	N/A
500	2,6	5,0	7,2	10,0	12,6	14,2	16,0	—	—		N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0		—	—	N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	—		—	N/A
>630 and ≤800	3,6	6,4	9,0	12,6	16,0	18,0	20,0	—	—		N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5		—	—	N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	—		—	N/A
>800 and ≤1000	4,8	8,0	11,2	16,0	20,0	22,0	25,0	—	—		N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0		—	—	N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	—		—	N/A
>1000 and ≤1250	6,4	10,0	14,2	20,0	25,0	28,0	32,0	—	—		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

29.2	TABLE: Creepage distances, basic, supplementary and reinforced insulation										P
Working voltage (V)	Creepage distance (mm) Pollution degree										
	1	2			3			Type of insulation			Verdict
		Material group			Material group						
		I	II	IIIa/IIIb	I	II	IIIa/IIIb*	B**	S**	R**	
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0		—	—	N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	—		—	N/A
>1250 and ≤1600	8,4	12,6	18,0	25,0	32,0	36,0	40,0	—	—		N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0		—	—	N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	—		—	N/A
>1600 and ≤2000	11,2	16,0	22,0	32,0	40,0	44,0	50,0	—	—		N/A
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0		—	—	N/A
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	—		—	N/A
>2000 and ≤2500	15,0	20,0	28,0	40,0	50,0	56,0	64,0	—	—		N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0		—	—	N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	—		—	N/A
>2500 and ≤3200	20,0	25,0	36,0	50,0	64,0	72,0	80,0	—	—		N/A
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0		—	—	N/A
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	—		—	N/A
>3200 and ≤4000	25,0	32,0	44,0	64,0	80,0	90,0	100,0	—	—		N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0		—	—	N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	—		—	N/A
>4000 and ≤5000	32,0	40,0	56,0	80,0	100,0	112,0	126,0	—	—		N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0		—	—	N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	—		—	N/A
>5000 and ≤6300	40,0	50,0	72,0	100,0	126,0	142,0	160,0	—	—		N/A
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0		—	—	N/A
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	—		—	N/A
>6300 and ≤8000	50,0	64,0	90,0	126,0	160,0	180,0	200,0	—	—		N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0		—	—	N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	—		—	N/A
>8000 and ≤10000	64,0	80,0	112,0	160,0	200,0	220,0	250,0	—	—		N/A

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

29.2	TABLE: Creepage distances, basic, supplementary and reinforced insulation										P
Working voltage (V)	Creepage distance (mm) Pollution degree										
	1	2			3			Type of insulation			Verdict
		Material group			Material group						
		I	II	IIIa/IIIb	I	II	IIIa/IIIb*	B**	S**	R**	
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0		—	—	N/A
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	—		—	N/A
>10000 and ≤12500	80,0	100,0	142,0	200,0	250,0	280,0	320,0	—	—		N/A

Supplementary information:

*) Material group IIIb is allowed if the working voltage does not exceed 50 V
**) B = Basic insulation, S = Supplementary insulation, R = Reinforced insulation

IEC 60335-2-40			
Clause	Requirement + Test	Result - Remark	Verdict

29.2	**TABLE: Creepage distances, functional insulation**							P
Working voltage (V)	Creepage distance (mm) Pollution degree							Verdict / Remark
	1	2			3			
		Material group			Material group			
		I	II	IIIa/IIIb	I	II	IIIa/IIIb*	
≤10	0,08	0,4	0,4	0,4	1,0	1,0	1,0	N/A
50	0,16	0,56	0,8	1,1	1,4	1,6	1,8	N/A
125	0,25	0,71	1,0	1,4	1,8	2,0	2,2	N/A
250	0,42	1,0	1,4	2,0	2,5	2,8	**3,2**	P / Between L and N on PCB (indoor unit) = 3.3mm
400	0,75	1,6	2,2	3,2	4,0	4,5	5,0	N/A
500	1,0	2,0	2,8	4,0	5,0	5,6	6,3	N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	N/A
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	N/A
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	N/A
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	N/A
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	N/A
Supplementary information: *) Material group IIIb is allowed if the working voltage does not exceed 50 V								

30	TABLE: Resistance to heat and fire																			
Object/ part No.	Manufacturer/ trademark	Type/ model	Ball pressure test °C				Glow wire test (GWT) °C						Glow-wire flammability index (GWFI) °C				Glow- wire ignition temp. (GWIT) °C		Needle-flame test (NFT)	Verdict
			75	125	cl. 11 +40	cl. 19 +25	550	650		750		850	550	650	750	850	675	775		
								te	ti	te	ti									
Terminal Block (AC250V)	See table 24.1		--	X	--	--	--	--	--	31	1	X	--	--	--	--	--	--	X	P
Terminal Block (AC600V)	JINLONG	JXO	--	X	--	--	--	--	--	0	0	X	--	--	--	--	--	--	--	P
Connector (CN10, 20, 11,01,19, 09)	Kyosin Kogyo co.Lltd	86028	--	X	--	--	--	--	--	31	1	X	--	--	--	--	--	--	X	P
Connector (CN500)	Tyco Electronics	1903415	--	X	--	--	--	--	--	31	1	X	--	--	--	--	--	--	X	P
Connector (CN102, 101, 333)	J.S.T. Mfg. Co.,Ltd.	B2P3-VH-B	--	X	--	--	--	--	--	31	1	X	--	--	--	--	--	--	X	P
Connector (CN67)	J.S.T. Mfg. Co.,Ltd.	B2P3-VH-B-K	--	X	--	--	--	--	--	31	1	X	--	--	--	--	--	--	X	P

Connector (CN315)	J.S.T. Mfg. Co.,Ltd.	B4P7-VH-B	--	X	--	--	--	--	--	31	1	X	--	--	--	--	--	--	X	P
Line Filter	See table 24.1		--	X	--	--	--	--	--	0	0	X	--	--	--	--	--	--	--	P

Supplementary information: N/A

[1)] Parts of material classified at least HB40 or if relevant HBF
[2)] Parts of material classified as V-0 or V-1
[3)] Flame persisting longer than 2 s (= $t_e - t_i$) need only be reported for unattended appliances
[4)] Surrounding parts subjected to the needle-flame test of annex E
[5)] Base material classified as V-0 or if relevant VTM-0
[6)] The GWIT pre-selection option, the 850 °C GWFI pre-selection option, and the 850 °C GWT are not applicable for attended appliances

Appendix EMF				P
	TEST: Evaluation of the magnetic fields			P
Applied standards:	IEC 62233:2005, EN 62233:2008 (incl. Corr.1:2008)			P
Method	Used method: 5.5.2 Time domain evaluation			—
Applied Limit	ICNIRP Guidelines			—

Identification of the appliance	Type of apparatus	Air conditioner
	Rated Voltage	400V
	Rated Frequency	50Hz
Parameters required prior to the test	Laboratory Ambient Temperature	25 °C ± 10 °C
	Supply Voltage	(Rated Voltage ± 2 %) V
	Supply Frequency	(Rated Frequency ± 2 %) Hz
Parameters recorded during the test	Laboratory Ambient Temperature	25°C
	Supply Voltage	400V
	Supply Frequency	50Hz
Operating Mode		
Method 5.5.2		

Measuring Positions	Measuring Distance	Coupling Factor	Measurement Uncertainty
Around	30cm	0.18	--

Frequency (kHz)	Limit (%)	Measured Maximum Value (%)
0,01 to 400	100	6.367

Supplementary information:

The measured maximum value in this table may be weighted with the coupling factor if applicable, and the measurement uncertainty is applied if the measured result is more than 75 % of the limit.