



## OUTDOOR UNITS FOR 2-5 ROOMS

# Multisplit R32



### Highlights

- Two to five indoor units can be connected
- Total pipe lengths up to a maximum of 80m
- Compact, quiet & durable



Up to 5 individually combinable indoor units can be connected to one outdoor unit. This considerably reduces the installation effort as well as the space requirements in the outdoor area.



### Economical & reliable

- High energy efficiency (A++)
- Direct current hybrid inverter technology
- Twin-rotary compressor
- Exceptionally high efficiency in the partial load range
- Corresponds to the ECODSIGN Lot 10 Directive
- Wide operating temperature range
- Housing made of galvanized sheet steel with a cream-colored stove-enamel finish
- Large-scale, curved heat exchanger for low space requirements
- Automatic restart setting after power outage



### Resource-friendly

- Inverter control minimizes electricity consumption
- Eco operation
- Pre-filled with environmentally-friendly R32 refrigerant
- Air used as energy source in heating mode
- Unobtrusive design fits any interior
- "Quiet" function lowers the noise level by up to 5dB(A)



### Individually combinable indoor units

- MIRAI standard high-wall unit
- SUZIMI PLUS classic high-wall unit
- DAISEIKAI 9 premium high-wall unit
- Slim duct unit
- 60x60 SLIM cassette
- Console



### Comfort and saving functions

- Comfort IR remote controls optionally available
- Optional cable remote controls for cassette/duct unit
- Weekly timer with 4 freely programmable settings per day
- 28 time programs per week
- Comfort sleep
- Hi Power
- Quiet
- Optional WiFi control via smartphone, tablet, or PC



Technical data			RAS-3M18U2AVG-E
Cooling capacity	kW	❄️	5,20
Cooling range (min.-max.)	kW	❄️	2,40 - 6,50
Power consumption (min./nom./max.)	kW	❄️	1,17
Energy efficiency EER	W/W	❄️	4,44
Energy efficiency SEER		❄️	6,80
Energy efficiency class		❄️	A++
Outdoor temperature operating range (min.-max.)	°C	❄️	-10/+46
Heating capacity	kW	🔥	6,80
Heating range (min.-max.)	kW	🔥	1,90 - 8,00
Power consumption (min./nom./max.)	kW	🔥	1,58
Energy efficiency COP	W/W	🔥	4,30
Energy efficiency SCOP		🔥	4,60
Energy efficiency class		🔥	A++
Outdoor temperature operating range (min.-max.)	°C	🔥	-20/+24
Power supply	V/Ph+N/Hz		220-240/1/50
Running current	A	❄️	5,39
Running current	A	🔥	7,22
Current consumption (nom.)	A		7,22
Current consumption (max.)	A		7,54
Recommended power supply line type			H07RN-F 3G2,5
Recommended fusing	A		16
Communication line			H07RN-F 4G1,5
Sound pressure level (low/med/high)	dB(A)	❄️	47
Sound pressure level (low/med/high)	dB(A)	🔥	50
Sound power level	dB(A)	❄️	60
Sound power level	dB(A)	🔥	63
Suction gas pipe diameter	mm (inch)		2x 9,5 (3/8), 1x 12,7 (1/2)
Liquid pipe diameter	mm (inch)		3x 6,3 (1/4)
Connectable indoor units (max.)	Pce.		3
Pipe length (min.)	m		2
Pipe length (max.)	m		50
Pipe length/indoor unit (min.)	m		2
Pipe length/indoor unit (max.)	m		25
Height difference (max.)	m		10
Airflow	m <sup>3</sup> /h		2107
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		1,05
Pre-charged up to	m		50
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		630 x 800 x 300
Weight	kg		46

❄️ Cooling 🔥 Heating

The measuring conditions for this product can be found at <https://www.toshiba-aircondition.com/en/measuring-conditions.html>



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



**Energy Label A++:** Energy efficiency class A++ guarantees a very low power consumption.



**Hybrid inverter control:** Smooth capacity regulation.



**Twin rotary compressor:** Long-lasting, smoothly running and highest efficiency.



**R32:** Used refrigerant: R32.



**Auto diagnostic:** Check of system for flawless operation.

