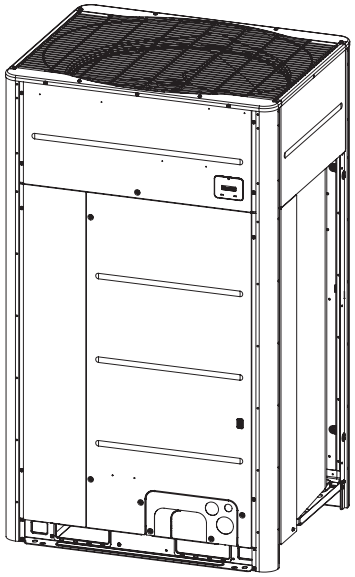
TOSHIBA

AIR CONDITIONER (MULTI TYPE)

Owner's Manual

R410A



Scan QR CODE to access installation and owner's manual on website.
https://www.toshiba-carrier.co.th/manuals/default.aspx
Manual are available in BG/CS/DA/DE/EL/EN/ES/ET/FI/FR/
HR/HU/IT/LV/NL/NO/PL/PT/RO/RU/SK/SL/SV.

Outdoor Unit

For commercial use

Model name:

MMY-MUP0801FT8P-E
MMY-MUP1001FT8P-E
MMY-MUP1201FT8P-E
MMY-MUP1401FT8P-E
MMY-MUP1601FT8P-E
MMY-MUP1801FT8P-E
MMY-MUP2001FT8P-E
MMY-MUP2201FT8P-E
MMY-MUP2401FT8P-E

MMY-MUP0801FT8JP-E
MMY-MUP1001FT8JP-E
MMY-MUP1201FT8JP-E
MMY-MUP1401FT8JP-E
MMY-MUP1601FT8JP-E
MMY-MUP1801FT8JP-E
MMY-MUP2001FT8JP-E
MMY-MUP2201FT8JP-E
MMY-MUP2401FT8JP-E

English

Original instruction

Thank you very much for purchasing Air Conditioner.
Please read this Owner's Manual carefully before using your Air Conditioner.
- Be sure to obtain the "Owner's Manual" and "Installation Manual" from constructor (or dealer).
- Request to constructor or dealer.
- Please clearly explain the contents of the Owner's Manual and hand over it.

Contents

1 **Part names** 2

2 **Part names and functions of the remote control** 5

3 **Operation** 6

4 **Timer operation** 8

5 **Louver direction** 10

6 **Installation** 14

7 **Notes on operations and performance** 14

8 **Tips for energy saving and comfortable performance** 15

9 **Maintenance** 16

10 **When the following symptoms are found** 18

11 **Notice code** 19

12 **Specifications** 20

■ Information on the transportation, handling and storage of the carton

Examples of indication on the carton

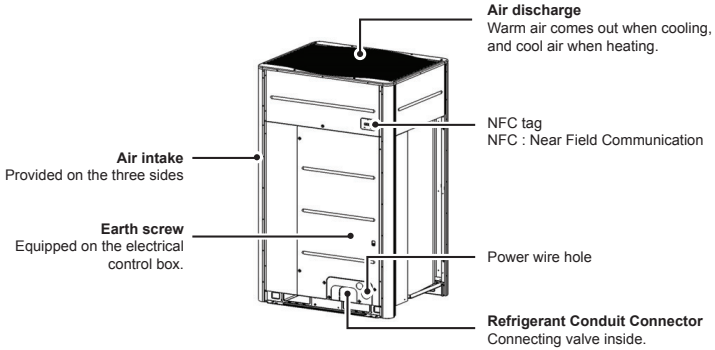
Symbol	Description	Symbol	Description
	Keep dry		Do not lay down
	Fragile		This side up
	Do not step		Handle with care
	Do not drop		

■ Connectable indoor units

Model type	Model Name
4-Way Cassette	MMU-UP∗∗∗∗H∗
Compact 4-Way Cassette	MMU-UP∗∗∗∗MH∗
2-Way Cassette	MMU-UP∗∗∗∗WH∗
1-Way Cassette	MMU-UP∗∗∗∗YHP∗
	MMU-UP∗∗∗∗SH∗
Concealed Duct, Standard	MMD-UP∗∗∗∗BH∗
Concealed Duct, High Static Pressure	MMD-UP∗∗∗∗H∗
Slim Duct	MMD-UP∗∗∗∗SPHY∗
Under Ceiling	MMC-UP∗∗∗∗H∗
Floor Standing Cabinet	MML-UP∗∗∗∗H∗
Floor Standing Concealed	MML-UP∗∗∗∗BH∗
Floor Standing	MMF-UP∗∗∗∗H∗
Fresh Air Intake	MMD-UP∗∗∗∗HFP∗ * For details on these models, read the Owner's Manuals that come with the indoor units.
Heat recovery Ventilation unit with DX Coil	MMD-VN∗∗∗HEXE∗ MMD-UPV∗∗∗∗HY∗ * For details on these models, read the Owner's Manuals that come with the indoor units.
High-Wall	MMK-UP∗∗∗∗HP∗ * For details on these models, read the Owner's Manuals that come with the indoor units.
Console	MML-UP∗∗∗∗NHP∗ * For details on these models, read the Owner's Manuals that come with the indoor units.
Hot Water Module	MMW-UP∗∗∗∗LQ∗ * For details on these models, read the Owner's Manuals that come with the indoor units.
Dx coil Interface	TCB-IFDTA201E, TCB-IFDDC201E TCB-IFDMR01UP-E, TCB-IFDMX01UP-E * For details on these models, read Installation Manual or Design Guideline of indoor units.
Duct	MMD-AP∗∗∗∗BH∗

1 Part names

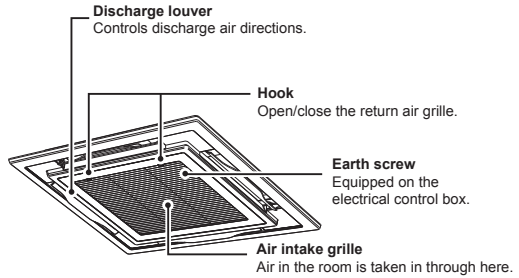
■ Outdoor unit

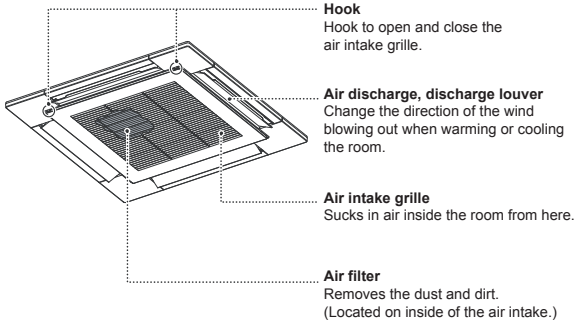


■ Indoor unit

◆ 4-Way Cassette Type

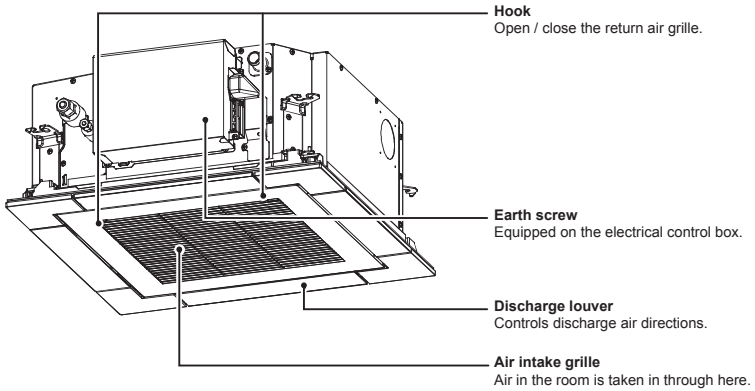
MMU-UP∗∗∗∗H∗





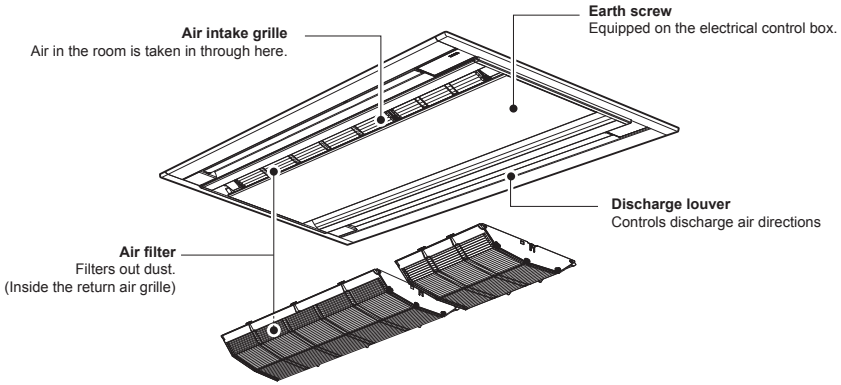
◆ Compact 4-Way Cassette Type

MMU-UP∗∗∗∗MH∗



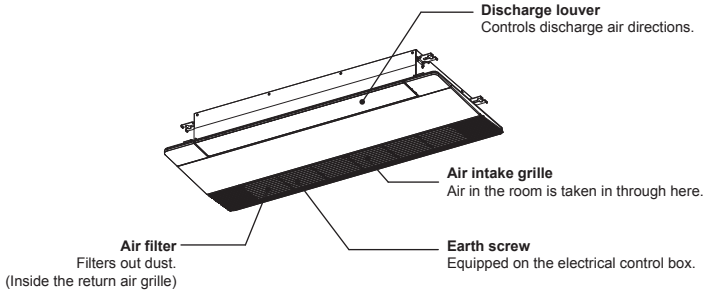
◆ 2-Way Cassette Type

MMU-UP∗∗∗∗WH∗

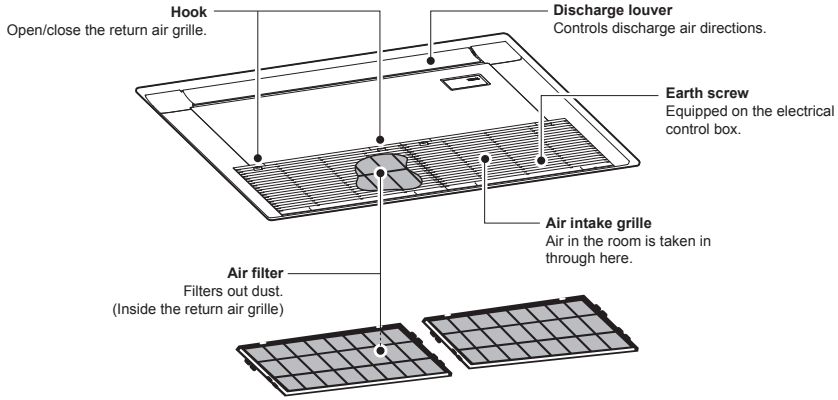


◆ 1-Way Cassette Type

MMU-UP∗∗∗∗YHP∗

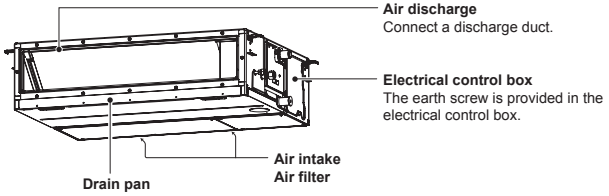


MMU-UP∗∗∗∗SH∗



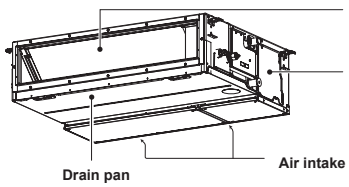
◆ Concealed Duct Standard Type

MMD-UP∗∗∗∗BH∗

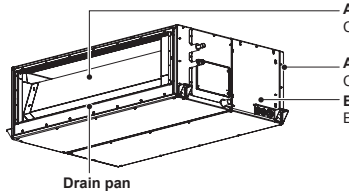


◆ Concealed Duct High Static Pressure Type

MMD-UP018∗H∗ - MMD-UP056∗H∗

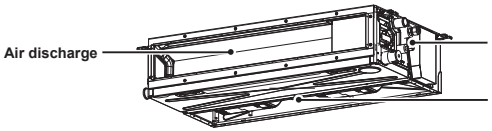


MMD-UP072∗H∗ - MMD-UP096∗H∗



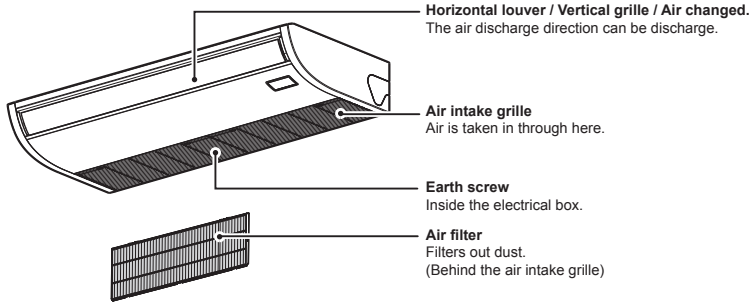
◆ Slim Duct Type

MMD-UP∗∗∗∗SPHY∗



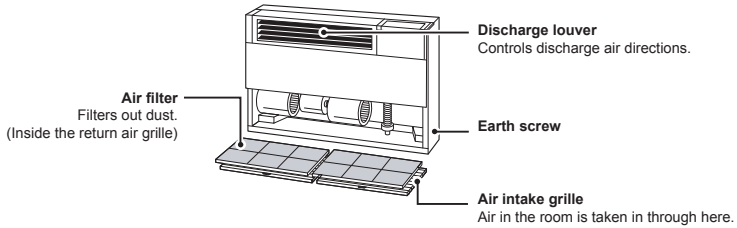
◆ Under Ceiling Type

MMC-UP∗∗∗∗H∗



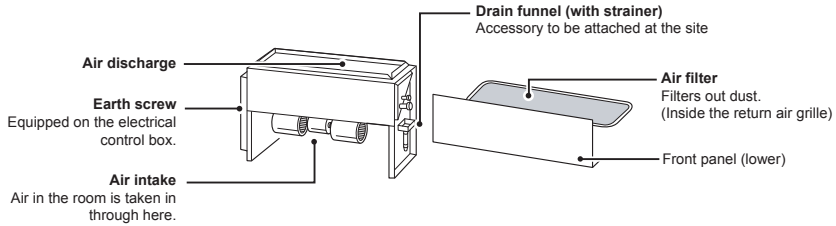
◆ Floor Standing Cabinet Type

MML-UP∗∗∗∗H∗



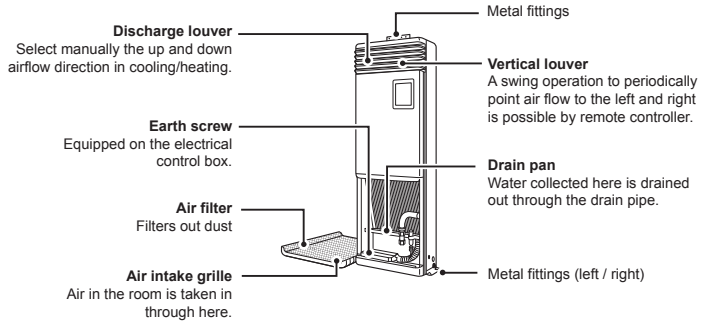
◆ Floor Standing Concealed Type

MML-UP∗∗∗∗BH∗



◆ Floor Standing Type

MMF-UP∗∗∗∗H∗



2 Part names and functions of the remote control

■ Before use

When you use the air conditioner for the first time or change the settings, follow the procedures below. From the next time, just push [ON/OFF ON/OFF] to start operating according to the settings.

Preparation

Turn on the power breaker

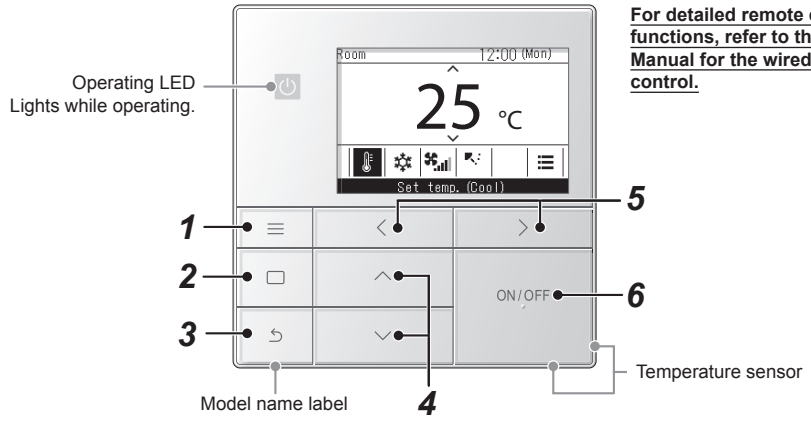
When the power is turned on, "⧖" appears on the remote control display.

* The remote control will not work for about 3 minute after turning on the power. This is not a malfunction.

REQUIREMENT

- Keep the power breaker turned on during use.
- When you resume using the air conditioner after a long period of disuse, turn on the power breaker at least 12 hours before starting operation.

■ Part names and functions



For detailed remote control functions, refer to the Owner's Manual for the wired remote control.

* The screens shown here are examples. The content that is displayed may differ, depending on the environment settings being used.

1 **[☰ Menu] button**
Shows the "Menu".

2 **[▭ Set/Fix] button**
Fixes and applies settings.
Ways to use it are shown on screen

3 **[⮌ Return] button**
Deletes selections.
Ways to use it are shown on screen.

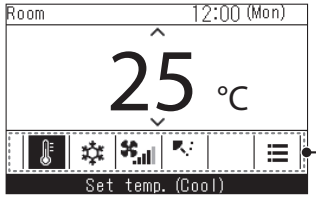
4 **[∧] and [∨] buttons**
Changes settings and selects items.

5 **[〈] and [〉] buttons**
Selects setting items.
Other ways to use it are shown on screen.

6 **[ON/OFF ON/OFF] button**
Starts and stops connected devices.

■ Main screen

This screen is for confirming or changing settings that are used every day, such as temperature, operating mode, fan speed and wind direction.
You can check the current state according to the setting items on the bottom of the screen.
You can switch the setting items by pushing [〈] and [〉], and change them by pushing [∧] and [∨].



Setting items
- The currently selected item is highlighted in black.
- You can switch the items by pushing [〈] and [〉].

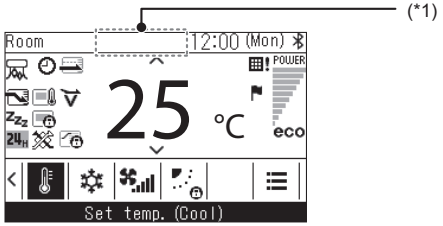
NOTE

- The temperature setting is changed in the main screen.
- Functions and items that cannot be set are not shown, according to the model.
- While changing settings, if you push [⮌ Return] or if there are no button operations for about 60 seconds, the main screen returns.

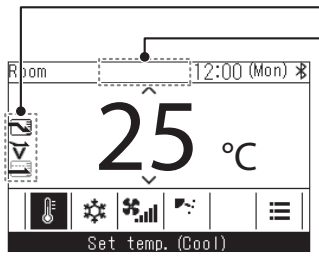
Switching between the detailed display and simple display (Main screen only)

You can change the main screen to the simple display, depending on the "Display mode" setting. For details on changing "Display mode", refer to "Display setting" in "Initial setting" in the Installation Manual of wired remote control.
The detailed display is set as the factory default setting.

Detailed display (Factory default setting)

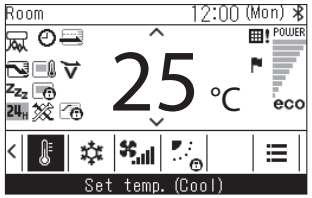


Simple display



*1: "❋ Preparing to heat"
Displayed when "Heat" operation starts or when the defrost cycle is operating.
While the icon is displayed, the indoor fan stops or the "Fan" turns on.
"⏻ Preparing to operate"
This may be displayed on some models.
"❋ Preparing to operate ventilation"
Displayed while the Heat recovery ventilation unit is on standby.
While this is being displayed, the Heat recovery ventilation unit remains stopped.

■ Icon list

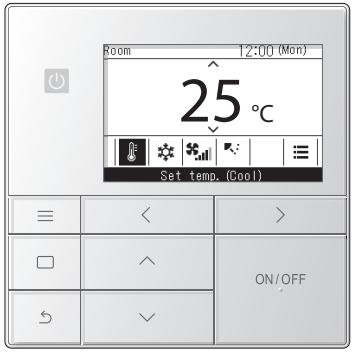


	Displayed when “Energy saving operation” is “ON”.		Displayed when “Timer” is “ON”.
	Displayed when remote control sensor is set. (*1)		Displayed when “Louvers lock” is set.
	Displayed when “Night operation” is “ON”.		Displayed when it is time for filter maintenance.
	Displayed when operations are locked by central control. (*1)		Displayed when “Soft Cooling” operation is “ON”.
	Displayed when “Saving operation” is “ON”.		Displayed for about 3 seconds when the operation mode is changed in the “Mode” screen when the operation mode is restricted.
	Displayed when the Bluetooth® function is “ON”. Refer to the Owner’s Manual of the Bluetooth® function regarding Bluetooth® functions.		Displayed when “Air purifier” function is “ON”.
	Displayed when a check code occurs. (*1)		Displayed when a notice code occurs. (*1) For details, contact your dealer.
	It reaches the set temperature, and displayed while the room temperature is maintained.		It is displayed when a commercially available ventilation unit connected to the air conditioner is in operation.

*1: Refer to the Installation Manual of the wired remote control.

3 Operation

■ Operations

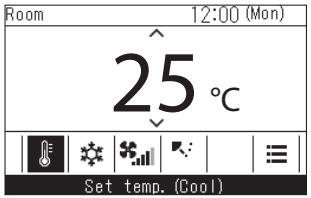


1 **Push [ON/OFF ON/OFF] to start operations**
→ The operation LED lights.

2 **Push [‹] and [›] to select the item you want to change**
→ You can change the following items.
Setting temperatures
Operation mode
Fan speed
Wind direction

3 **To stop operations, push [ON/OFF ON/OFF] again**

■ Changing the set temperature



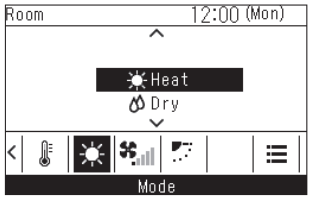
1 **Push [‹] and [›] to switch to the “Set temp.” screen**

2 **Push [^] and [v] to change the temperature setting**
→ Push [^] to increase and push [v] to decrease the set temperature.

NOTE

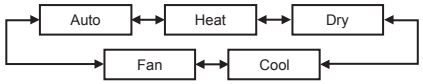
- For the range of temperatures that can be set, refer to the Owner's Manual for the wired remote control.
- The temperature setting cannot be changed when “Fan” is set.
- If the operation mode is set to “Auto” and dual set point is set, refer to <Individual temperature settings for “Cool” and “Heat” in auto operation modes (dual set point)>. Refer to the Owner's Manual for the wired remote control.

■ Changing the operation mode



1 **Push [ ] and [ ] to switch to the “Mode” screen**

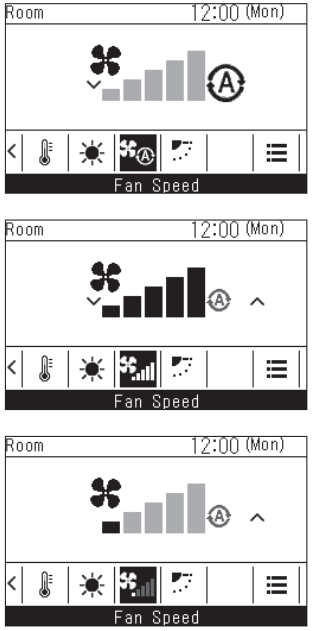
2 **Push [ ] and [ ] to select an operation mode**



NOTE

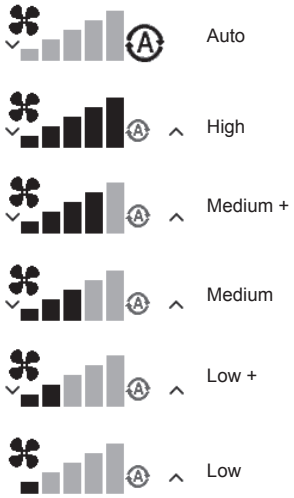
Operation modes that cannot be set are not shown, according to the model of indoor unit.

■ Changing the fan speed



1 **Push [ ] and [ ] to switch to the “Fan Speed” screen**

2 **Push [ ] and [ ] to select fan speed**



NOTE

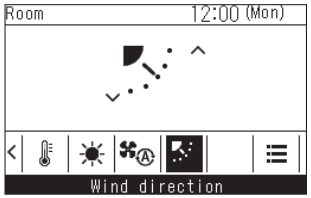
- When the operation mode is “Fan”, you cannot select “Auto”.
- The fan speed that can be set varies depending on the indoor unit connected.
- “ ” is displayed when combined with an indoor unit that cannot do “Fan Speed”.

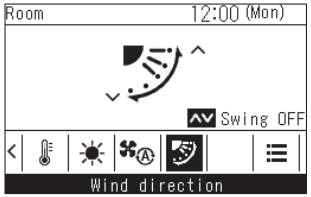
■ Changing the wind direction

- If the connected indoor units have louvers, then the horizontal louver icon is displayed on the air conditioner main screen.
- If the connected indoor units have vertical louvers, then the vertical louver icon is displayed on the air conditioner main screen.

* For models that have only left-right directional louvers, they are operated as horizontal louvers on the remote control.

Up / down direction: Horizontal louvers

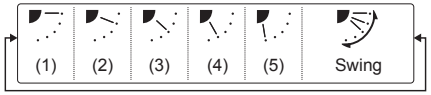




* Display while swinging

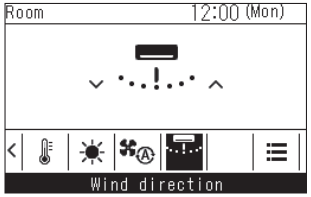
1 **Push [ ] and [ ] to switch to the “Wind direction” screen (horizontal louvers)**

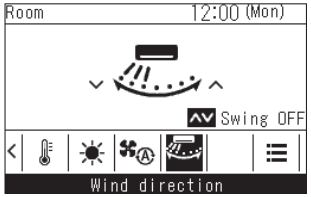
2 **Push [ ] and [ ] to select wind direction**



Operation mode	Settable angles
Heat, Fan	(1), (2), (3), (4), (5), Swing
Cool, Dry	(1), (2), (3), Swing

Left / right direction: Vertical louvers

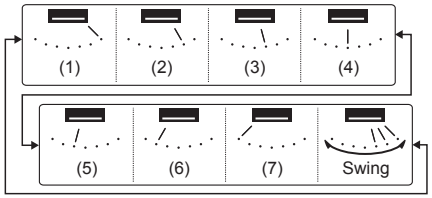




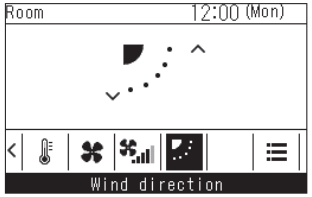
* Display while swinging

1 **Push [ ] and [ ] to switch to the “Wind direction” screen (vertical louvers)**

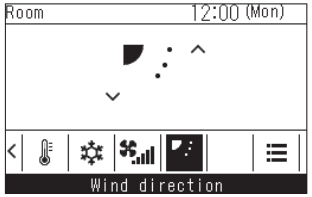
2 **Push [ ] and [ ] to select wind direction**



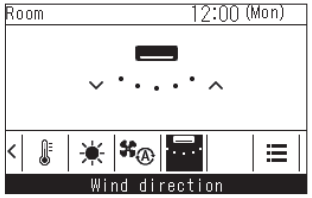
Cancelling swing



* Display when swinging (up / down) is cancelled
"Fan", "Heat"



* Display when swinging (up / down) is cancelled
"Cool", "Dry"



* Display when swinging (left / right) is cancelled

1 **During swing operation, push [ ] and [ ] to switch to the "Wind direction" screen**

2 **Push [ ] or [ ]**
→ The louvers stop at the position when [ ] or [ ] is pushing.
→ When [ ] is pushing in the display when swing was cancelled, the louvers go to wind direction position (1), when [ ] is pushing, the louvers go to position (3) during "Cool" or "Dry" operation, and go to position (5) during "Fan" or "Heat" operation, and vertical louvers go to position (7).

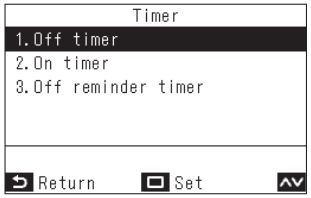
NOTE

- When the operation mode is "Cool" or "Dry", the horizontal louvers point downward but do not stop at positions (4) or (5). If swing is stopped in positions (4) or (5), the louvers move to position (3) and then stop.
- "" is displayed when "Louver lock" is set. Refer to "Louver lock (Fixing the angle of the louvers)"

4 Timer operation

■ Timer (Setting a timer to start or stop operation)

Selecting a timer type



1 **In "Menu", select "Timer", and push [Set/Fix]**

2 **Push [ ] and [ ] to select the timer you want to set**

3 **Push [Set/Fix]**

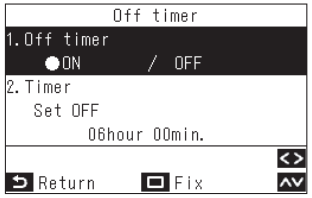
NOTE

About "Off timer" and "On timer" operations
- "Off timer" and "On timer" are enabled for only 1 time.
- "Off timer" and "On timer" do not operate in the following conditions.
  When "Off timer" and "On timer" are disabled, during function settings, during central control (if "ON/OFF" is prohibited)
- When 2 remote control are connected, settings cannot be done on the "Follower remote control".
- The setting range of "Off timer" and "On timer" is a minimum of 30 minutes and a maximum of 168 hours (7 days).
- Push [Return] to not fix the changes, so conditions are as before changes, and return to the "Timer" screen.
- If there is a power outage, the "Off timer" and "On timer" settings are cancelled. (They become "OFF".)
- When "Off timer" and "On timer" are "ON", then "" is displayed in the detailed display.

For details on setting the "Schedule timer", refer to the Owner's Manual of the wired remote control.

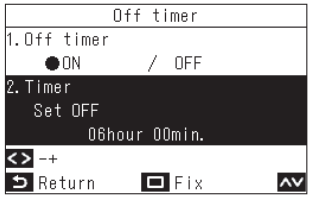
Off timer

You can set the timer to the time at which to stop operation of an air conditioner.



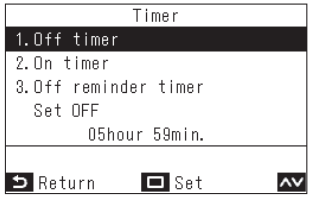
1 **In the “Off timer” screen, push [ ] or [ ] to select “Off timer”**

2 **Push [ ]**
→ Pushing [ ] cancels the settings.



3 **Push [ ] or [ ] to select “Timer”**

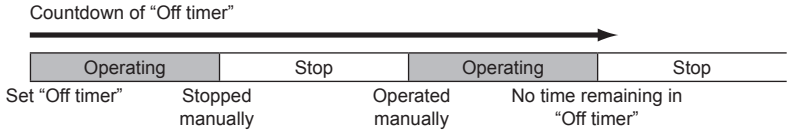
4 **Push [ ] and [ ] to change the time**
→ The time can be set in 30 minute intervals for up to 24 hours, and at 1 hour intervals after that.



5 **Push [Set/Fix]**
→ Return to the “Timer” screen.

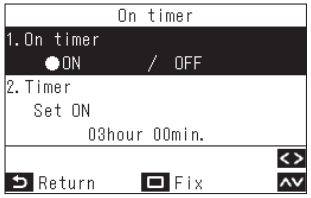
NOTE

- The air conditioner stops operating after the time set in “Off timer” has elapsed.
- In the period until the air conditioner operation is stopped by the “Off timer”, countdown of the “Off timer” continues even if the air conditioner is stopped and started.



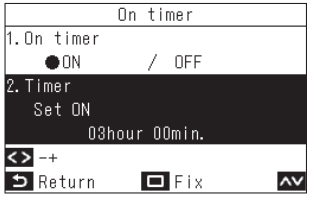
On timer

You can set the timer to the time at which to start operation of an air conditioner.



1 **In the “On timer” screen, push [ ] and [ ] to select “On timer”**

2 **Push [ ]**
→ Pushing [ ] cancels the settings.



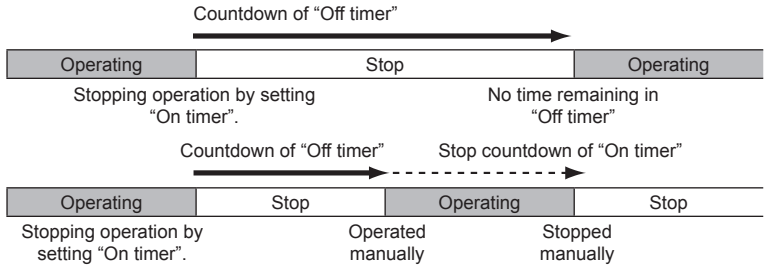
3 **Push [ ] or [ ] to select “Timer”**

4 **Push [ ] and [ ] to change the time**
→ The time can be set in 30 minute intervals for up to 24 hours, and at 1 hour intervals after that.

5 **Push [Set/Fix]**
→ Return to the “Timer” screen.

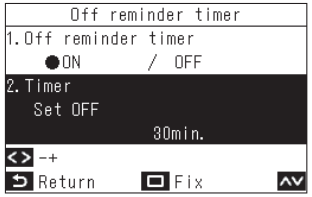
NOTE

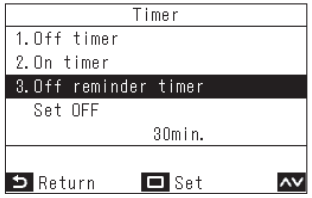
- The air conditioner starts operating after the time set in “On timer” has elapsed.
- The air conditioner stops operating as soon as a time is set in “On timer”.
- When the air conditioner operation is started during the countdown of “On timer”, the “On timer” becomes “OFF”.



Off reminder timer

You can set the timer from the air conditioner operation start time to the stop time.





1 **In the “Off reminder timer” screen, push [ ] and [ ] to select “Off reminder timer”**

2 **Push [ ]**
→ Pushing [ ] cancels the settings.

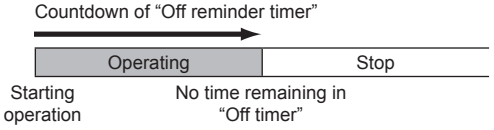
3 **Push [ ] or [ ] to select “Timer”**

4 **Push [ ] and [ ] to change the time**
→ Times can be set in 10 minute intervals.

5 **Push [Set/Fix]**
→ Return to the “Timer” screen.

NOTE

- The air conditioner starts operating, and after the set time has elapsed, the air conditioner stops operating.



- “Off reminder timer” does not operate in the following conditions.
  When “Off reminder timer” is disabled, during abnormalities, in test mode, during function settings, while a timer is set, and during central control (if “ON/OFF” is prohibited)
- When 2 remote control are connected, settings cannot be done on the “Follower remote control”.
- The setting range of “Off reminder timer” is a minimum of 30 minutes and a maximum of 240 minutes.
- Push [Return] to not fix the changes, so conditions are as before changes, and return to the “Timer” screen.
- When “Off reminder timer” is “ON”, then “” is displayed in the detailed display.

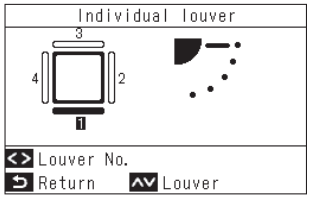
5 Louver direction

■ Individual louver (Select wind direction for each air outlet)

You can set the wind direction for each outlet of indoor units that have 4-way air discharge.

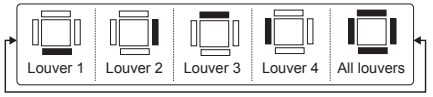
NOTE

- This function may not be available, depending on the model of the indoor unit.
- This function can only be set while the air conditioner is operating.



1 **In “Menu”, select “Individual louvers”, and push [Set/Fix]**

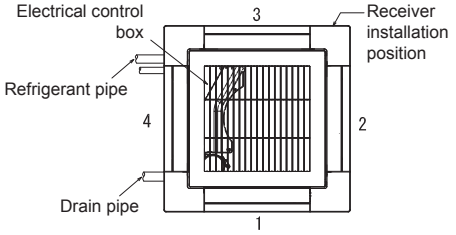
2 **Push [ ] and [ ] to select louvers**



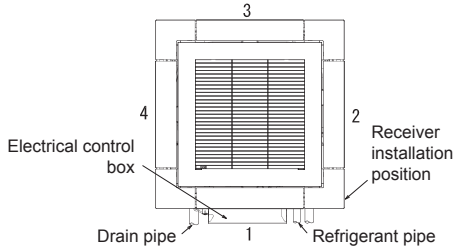
3 **Push [ ] or [ ] to select wind direction**
→ For details, refer to “Changing the wind direction”.

4 **Push [Return]**
→ Return to “Menu”.

▼ 4-way air discharge type



▼ Compact 4-way air discharge type



NOTE

- For models that “Individual louver” is not available, the message “No function” is displayed.
- Push [ ] or [ ] while swinging to stop the louver and cancel swinging, push [ ] or [ ] again to select an wind direction.
- For group connections, refer to the Owner's Manual for the wired remote control.
- “” is displayed when “Louver lock” is set. That louver cannot do “Individual louver”. Refer to “Louver lock (Fixing the angle of the louvers)”

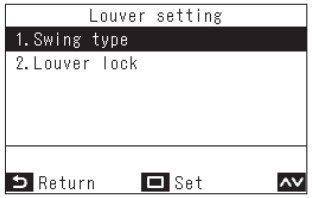
■ Louver setting (Selecting the type of swing or fixing the louvers)

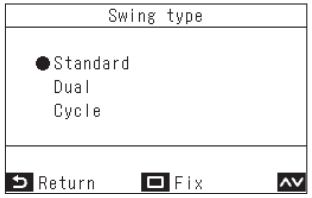
NOTE

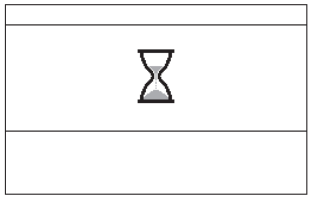
This function may not be available, depending on the model of the indoor unit.

Swing type

You can select from 3 types of swing operation: “Standard”, “Dual”, or “Cycle”.







1 **In “Menu”, select “Louver setting”, and push [Set/Fix]**

2 **Push [ ] and [ ] to select “Swing type”, and then push [Set/Fix]**

3 **In the “Swing type” screen, push [ ] and [ ] to select a mode**
→ Regarding “Swing type”, refer to the Installation Manual of the indoor unit.

4 **Push [Set/Fix]**
→ Return to the “Louver setting” screen.

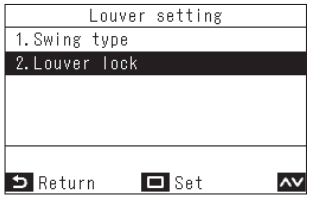
5 **Push [Return]**
→ “⧖” is displayed.
→ When doing group connections, the screen for selecting units is displayed, so push [Return] to display “⧖”.

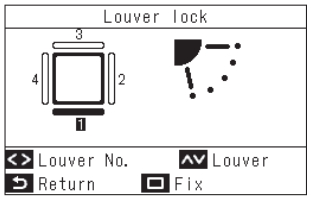
NOTE

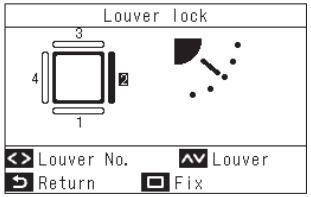
- For models that “Louver setting” is not available, the message “No function” is displayed.
- Push [Return] to not fix the changes, so conditions are as before changes, and return to the “Louver setting” screen.
- For group connections, refer to the Owner's Manual for the wired remote control.

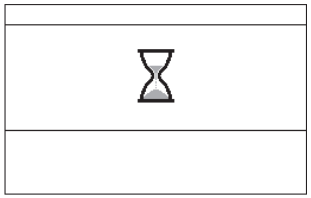
Louver lock (Fixing the angle of the louvers)

You can set and fix the angle of louvers individually for each air outlet.





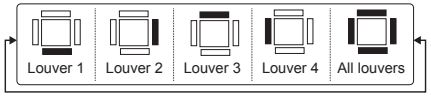




1 **In “Menu”, select “Louver setting”, and push [Set/Fix]**

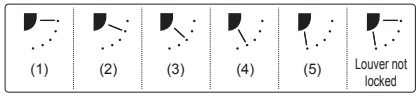
2 **Push [ ] and [ ] to select “Louver lock”, and then push [Set/Fix]**

3 **Push [ ] and [ ] to select louvers**



→ For louver numbers of each indoor unit, refer to <Individual louver (Select wind direction for each air outlet)>.

4 **Push [ ] and [ ] to select a louver angle (wind direction)**
→ Push [ ] to raise a louver and push [ ] to lower a louver.



5 **Push [Set/Fix]**
→ Return to the “Louver setting” screen.

6 **Push [Return]**
→ “⧖” is displayed.
→ When doing group connections, the screen for selecting units is displayed, so push [Return] to display “⧖”.

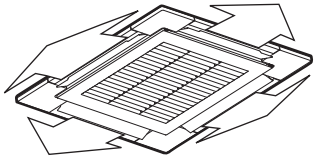
NOTE

- For models that “Louver setting” is not available, the message “No function” is displayed.
- Push [Return] to not fix the changes, so conditions are as before changes, and return to the “Louver setting” screen.
- To cancel “Louver lock”, push [ ] and [ ] to set louver not locked for the louver angle of each louver.
- When the operation mode is “Cool” or “Dry”, performing “Louver lock” at position (4) or (5) may cause condensation.
- For group connections, refer to the Owner's Manual for the wired remote control.
- “” is displayed when “Louver lock” is set.

■ 4-Way Cassette Type

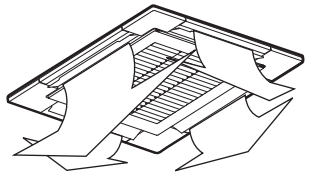
▼ When cooling

Point the louver horizontally.



▼ When heating

Point the louver downward.

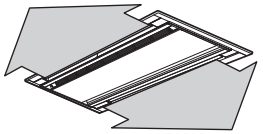


- The louver automatically closes when running is stopped.
- In pre-heating mode, the louver points upward. The swing indication appears on the remote controller even in pre-heating mode, but the actual swing starts only after pre-heating is complete.

■ 2-Way Cassette Type

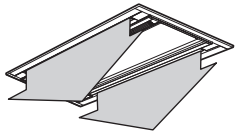
▼ When cooling

Point the louver horizontally to send cool air across the entire room.



▼ When heating

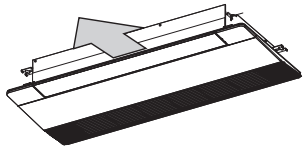
Point the louver downward to send heated air to the floor.



■ 1-Way Cassette Type (YH series)

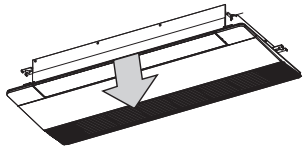
▼ When cooling

Point the louver horizontally to send cool air across the entire room.



▼ When heating

Point the louver downward to send heated air to the floor.



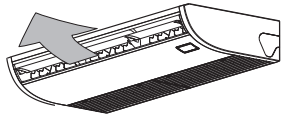
- The louver automatically closes when running is stopped.
- In pre-heating mode, the louver points upward. The swing indication appears on the remote controller even in pre-heating mode, but the actual swing starts only after pre-heating is complete.

■ Under Ceiling Type

Vertical adjustment

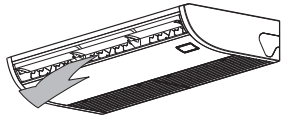
▼ When cooling

Point the louver horizontally to send cool air across the entire room.



▼ When heating

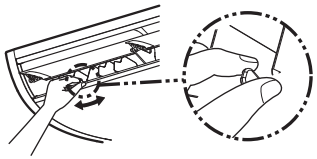
Point the louver downward to send heated air to the floor.



- The louver automatically closes when running is stopped.
- In pre-heating mode, the louver points upward. The swing indication appears on the remote controller even in pre-heating mode, but the actual swing starts only after pre-heating is complete.

Horizontal air flow adjustment

To change the horizontal air flow direction, point the vertical louvers inside the horizontal louver in your preferred direction.



NOTE

- When the horizontal louver is pointing downward in COOL mode, water droplets may form on the surface of the cabinet or louver and drop down.
- When the horizontal louver is pointing horizontally in HEAT mode, the air may not warm up the room evenly.

■ Floor Standing Type

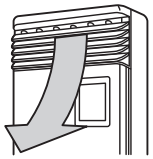
Vertical adjustment

▼ When cooling

Move the louver manually and point it horizontally to send cool air across the entire room.

▼ When heating

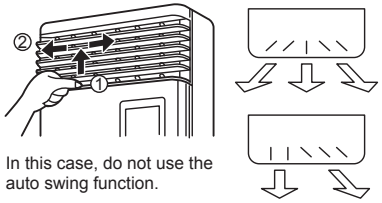
Move the louver manually and point it downward to send heated air to the floor.



Horizontal adjustment

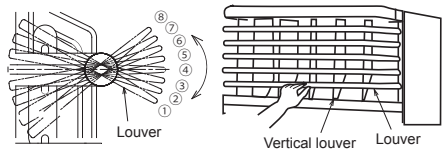
▼ Sending air in different directions

Lift up the vertical louvers slightly and point them in your preferred directions.



In this case, do not use the auto swing function.

How to change the louver angle

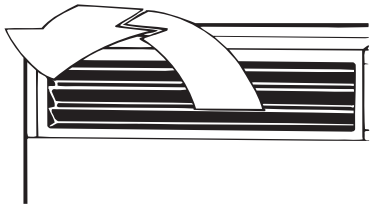


The louvers can be adjusted at 8 phases linking with 5 louvers. When changing the louver angle, hold near the center of louver and move it slowly.

■ Floor Standing Cabinet Type

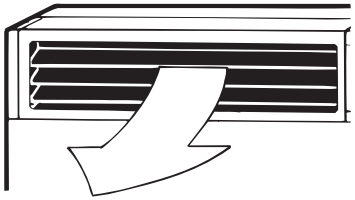
▼ When cooling

Move the louver manually and point it horizontally to send cool air across the entire room.



▼ When heating

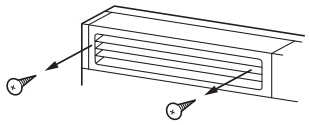
Move the louver manually and point it downward to send heated air to the floor.



◆ Changing the air discharge

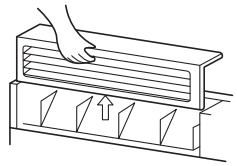
Follow the procedure below to change the air discharge:

1 **Remove the two fixing screws of the air discharge. (The fixing screws are to be reused)**

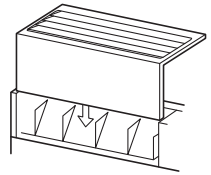


2 **Insert your hand into the air discharge and pull it up slightly, then remove the air discharge from the claw hook at the rear side.**

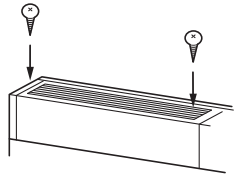
3 **Lift up the air discharge and remove it.**



4 **Reverse the air discharge and reattach it to the main unit.**
Make sure that the four claw hooks (2 at the rear and 2 at the lower sides) are hooked into the mounting positions.



5 **Be sure to tighten the air discharge with the removed fixing screws so that it does not come off.**



6 Installation

■ Location

- Avoid installing near machines emitting high frequency waves.
- Not suitable for chemical plants such as liquefied carbon dioxide refrigerant plants.
- Do not install the air conditioner in locations where iron or other metal dust is present. If iron or other metal dust adheres to or collects on the interior of the air conditioner, it may spontaneously combust and start a fire.
- A failure may occur in certain locations such as the following:
  - Areas with large amount of oil droplets (including machine oil) or vapors
  - Salty areas near oceans, etc.
  - Hot springs emitting sulfidizing gas, etc.
  - Heavily acidic or alkaline places. (e.g. place disinfection solution is frequently sprayed at)

  Special maintenance or parts are required for use in the above places. For details, contact the dealer where you purchased the product.
- Leave an enough space around the air intake and discharge of the outdoor unit so that the ventilation is not restricted.
- Avoid places where strong wind may blow against the air intake and discharge of the outdoor unit.
- Attach a snow stand, snow hood, etc. to the outdoor unit for use in snowfall areas. For details, contact the dealer where you purchased the product.
- Make sure drain water from the outdoor unit is emitted into places with good drainage.
- Make sure the air filter is attached to the indoor unit. If not, dust may accumulate on the heat exchanger or other parts in the air conditioner and cause a water leak.
- Keep a distance of at least 1 m between the air conditioner / remote controller and a TV or radio. Failure to observe this precaution may cause visual disturbance or noise.
- Leave a distance of at least 1.5 m between the air discharge and a fire alarm. If this precaution is not observed, the alarm may not work properly or detect fire in case of fire.

■ Be careful of operation sounds

- Locate the unit in a place secure enough so that the sounds and vibrations do not increase.
- If something is placed near the air discharge of the outdoor unit, noise may increase.
- Be careful not to disturb your neighbors with cool / warm air or noise coming from the air discharge of the outdoor unit.

7 Notes on operations and performance

■ Check before operation

- Turn on the power switch at least 12 hours before starting operation.
- Make sure the earth wire is securely connected.
- Make sure the air filter is attached to the indoor unit.

■ Heating performance

- A heat pump system, which gathers outside heat and emits it into a room, is used for heating. When the outside air temperature falls, the heating capacity of the unit is reduced.
- When the outside temperature is low, it is recommended that you also use other heating equipment.

■ Defrosting during heating

- If frost falls on the outdoor unit during heating, defrosting is automatically performed (for approximately 2 - 10 minutes) to increase the heating effect.
- The fan of the indoor unit is stopped during defrosting.

■ 3-minute protection

The outdoor unit will not operate for approximately 3 minutes after the air conditioner has been immediately restarted after stopping, or the power switch has been turned on. This is to protect the system.

■ Power failure

- In the case of a power failure, all operations stop.
- To resume operations, push the ON/OFF button.

■ Fan rotation of a stopped indoor unit

- While other indoor units operate, the fans on indoor units in stand-by mode rotate for several minutes approximately once per one hour to protect the machines.

■ Protective device (High pressure switch)

The high pressure switch stops the air conditioner automatically when excessive load is applied to the air conditioner.
If the protective device activates, the unit's running stops and the operation lamp blinks.
When the protective device activates, the 🔧 indicator and the check code are displayed on the remote controller.
The protective device may activate in the following cases:

During cooling
- When the air intake or air discharge of the outdoor unit is blocked.
- When strong wind blows continuously against the air discharge of the outdoor unit.

During heating
- When dust or dirt is excessively adhered to the air filter of the indoor unit.
- When the air discharge of the indoor unit is blocked.

NOTE

When the protective device activates, turn off the power switch, remove the cause, and then restart running.

■ Cooling / Heating operations

Each unit can be controlled individually. However, indoor units connected to the same outdoor unit cannot perform cooling and heating simultaneously.
When you attempt simultaneous operation, indoor units performing cooling are stopped, and the running preparation indicator ⏻ is displayed on the remote controller.
An indoor unit performing heating continues running.
When you attempt an operation without the configured settings, the running preparation indicator ⏻ is displayed on the remote controller and operation stops.
If operation is fixed to cooling or heating by the air conditioner administrator, only the configured settings apply to the operation.

■ Characteristics of heating

- Air does not come out immediately after heating starts.
  Heated air comes out after 3 to 5 minutes (depending on the room / outside temperatures), after the indoor heat exchanger warms up.
- When the outside temperature increases, the outdoor unit may stop.
- While an indoor unit is running in the heating mode, the outdoor unit supplies refrigerant to the other indoor units which are not running. There, noise may come from the other indoor units or the exterior of them may become warm.
- If the Fan operation is performed while the Heat operation is performed in another room, the fan does not run.

■ Prohibition of NFC function (NFC tag)

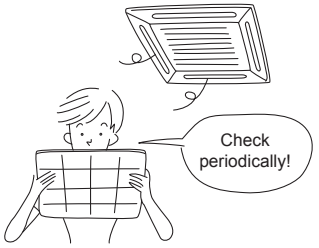
NFC communications is enabled at the time of shipping from the factory, but it is possible to disable the test run with a smart phone.
Please consult dealer from where you purchased it for more details.

8 Tips for energy saving and comfortable performance

To save energy and perform comfortable cooling and heating.

Clean the air filter often

- A clogged air filter lowers the cooling / heating performance.



Do not cool / heat too much

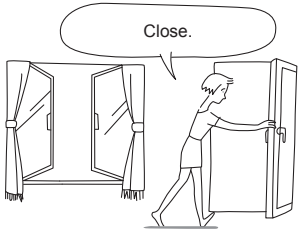
⚠ WARNING

Do not expose your body to cool air directly for a long time and do not cool yourself excessively.
Doing so may result in deteriorated physical condition and ill health.

- Cooling / Heating too much is bad for your health.
  In particular, take care with handicapped / old people and children.

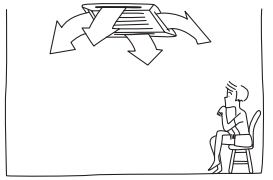
Close windows and doors

- Do not let cooled / heated air escape from the room.



Cool / Heat the room evenly

- Adjust the air direction with the louver.
  Exposing yourself to blowing air directly for a long time is bad for your health.



Air conditioner operating conditions
For proper performance, operate the air conditioner under the following temperature conditions:

Cooling operation	Outdoor temperature	: –10°C to 52°C (Dry-bulb temp.)
	Room temperature	: 21°C to 32°C (Dry-bulb temp.), 15°C to 24°C (Wet-bulb temp.)
	[CAUTION]	Room relative humidity: less than 80%. If the air conditioner operates in excess of this figure, the surface of the air conditioner may cause dewing.
Heating operation	Outdoor temperature	: –25°C to 15.5°C (Wet-bulb temp.)
	Room temperature	: 15°C to 28°C (Dry-bulb temp.)

If air conditioner is used outside of the above conditions, safety protection may operate.

9 Maintenance

⚠ WARNING

For daily maintenance including Air Filter cleaning, make sure to ask the qualified service person particularly following models;

- **4-Way Cassette Type**
- **Compact 4-Way Cassette Type**
- **2-Way Cassette Type**
- **1-Way Cassette Type**
- **Under Ceiling Type**
- **Concealed duct standard type**
- **Concealed duct high static type**
- **Fresh air intake type**
- **Slim duct type**
- **Floor Standing Type**

⚠ CAUTION

- **Do not push buttons with wet hands.**
- Doing so may result in electric shock.

Cleaning the air filters

- When the filter indicator is displayed on the remote controller, clean the air filters.
- Ask qualified service person to clean the filters for the models listed in the warning on the top of this chapter.
- Clogged filters may lower the cooling and heating performance.

<Daily maintenance>

▼ Cleaning of air filter

- If ▦! is displayed on the remote control, maintain the air filter.
- Be sure to stop the air conditioner before cleaning of air filter, then turn off the circuit breaker.

1 **Take out the air filter.**
For details on how to clean the air filter, refer to the Installation Manual for each indoor unit.
- Cleaning with water or vacuum cleaner
  - If dirt is heavy, clean the air filter by tepid water with neutral detergent or water.
  - After cleaning with water, dry the air filter sufficiently in a shade place.
- Mount the air filter.

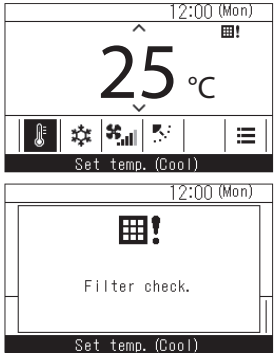
2 **Turn on the circuit breaker, then push the ON/OFF button on the remote control to start the operation.**

3 **After cleaning, perform "Filter Sign Reset".**

⚠ CAUTION

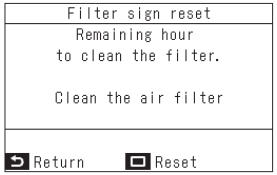
Do not start the air conditioner while leaving air filter removed.

▼ Filter sign reset



- If the air conditioners are operated while "▦!" is displayed, then "Filter check." is displayed. Push an operation button while it is displayed or leave it for at least 5 seconds and the display will disappear.

When the filter check mark is displayed (filter check reset)



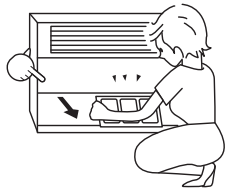
1 **In “Menu”, select “Filter sign reset”, and push [Set/Fix]**

2 **Push [Set/Fix]**

◆ Floor standing cabinet type

1 **Push down the upper part of the air intake grille slightly, and then pull it toward you to remove it.**

2 **Take out the air filter inside the air intake grille.**

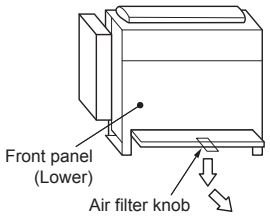


3 **Vacuum dust or brush clean.**
- If heavily stained, it is more effective to wash in lukewarm water mixed with neutral detergent.
- After washing, rinse it well, and dry it in the shade.
- Reinstall the cleaned air filter.

◆ Floor standing concealed type

1 **Push down hook of the air filter on the front panel (Lower side).**

2 **Pull the air filter toward you to remove it.**



3 **Vacuum dust or brush clean.**
- If heavily stained, it is more effective to wash in lukewarm water mixed with neutral detergent.
- After washing, rinse it well, and dry it in the shade.
- Reinstall the cleaned air filter.

■ Cleaning the indoor unit and remote controller

- Ask qualified service person to clean the indoor units for the models listed in the warning on the top of this chapter.
- Wipe with a dry, soft cloth.
  Do not use acidic or alkaline detergents.
- If heavily stained, wipe off dirt with a cloth soaked in lukewarm water.
  (Do not use water to wipe the remote controller)
- Do not use benzine, thinner, scouring powder, chemical cloth, etc. as those may cause deformation or breakage.

■ If unused for over a month

- Leave the fan on for half a day or so to dry the inside.
- Turn off the main power switch.
- Clean the air filter and then attach it.

■ Periodic inspection

- After being used for a long period of time, the parts may deteriorate or malfunction, or the drainage may worsen, due to heat, moisture, dust, or general usage.
- In addition to the maintenance, it is recommended that you have a inspection (charges apply) performed by the dealer where you purchased the unit, etc.

⚠ CAUTION

- **Perform high-pressure cleaning for the heat exchanger.**
  If commercially available detergent (strong alkaline or acid cleaning agent) is used, the surface treatment of the heat exchanger will deteriorate, which may degrade the self cleaning performance. For details, contact our sales department or the dealer where you purchased the unit.

■ Before the cooling season

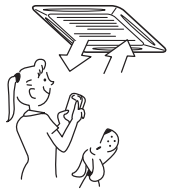
Ask a qualified service person to clean the drain pan.

⚠ CAUTION

Clean the drain pan
Without cleaning, the drain pan may be filled with waste, and water may overflow onto the ceiling or floor.

If you do not plan to use the unit for more than 1 month

(1) Operate “Fan” mode.
  Run the fan for about half a day to dry the inside fully.
(2) Stop the air conditioner and turn off the main power switch.



Checks before operation

(1) Check that the air filters are installed.
(2) Check that the air discharge or intake is not blocked.
(3) Turn on the main power switch.

10 When the following symptoms are found

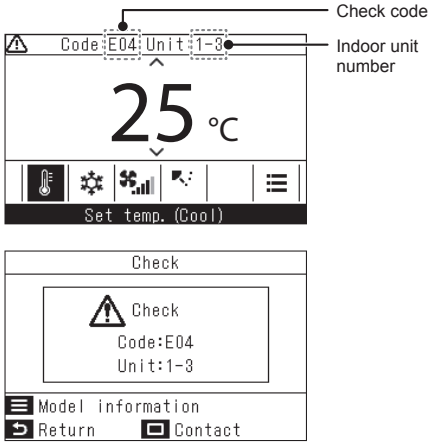
Check the points described below before asking repair servicing.

	Symptom	Cause
It is not a failure.	Outdoor unit • White misty cold air or water is out.	• Fan of the outdoor unit stops automatically and performs defrost operation.
	• Sometimes, noise of air leak is heard.	• Solenoid valve works when defrost operation starts or finishes.
	• "Swish" sound is heard sometimes.	• When the operation has started, during the operation, or immediately after the operation has stopped, a sound such as water flows may be heard, and the operation sound may become larger for 2 or 3 minutes immediately after the operation has started. They are flowing sound of refrigerant or draining sound of dehumidifier.
	• Slight clacking sound is heard.	• This is sound generated when heat exchanger, etc. expand and contract slightly due to change of temperature.
	• Discharge air smells.	• Various smell such as one of wall, carpet, clothes, cigarette, or cosmetics adhere to the air conditioner.
		• Is outdoor temperature out of operation temperature range?
	Indoor unit • "⏻" indication is lit.	• When cooling operation cannot be performed because another indoor unit performs heating operation.
	• "" indication is lit.	• When the manager of the air conditioner has fixed the operation to COOL or HEAT, and an operation contrary to the setup operation is performed.
	• "" indication is lit.	• When stopping the fan to prevent cool air blow at starting heating.
	• Sound or cool air is output from the stand by indoor unit.	• Since refrigerant is flowed temporarily to prevent stay of oil or refrigerant in the stand by indoor unit, sound of flowing refrigerant, may be heard or white steam when other indoor unit operates in Heat mode, and cold air in Cool mode may be blow-out.
	• When power of the air conditioner is turned on, "Ticktock" sound is heard.	• Sound is generated when the expansion valve operates when power has been turned on.
	• LCD blurs when it is touched.	• LCD may temporarily blur by static electricity.
	• Fan and louvers of the indoor unit moves when the unit is not operated.	• Intermittent operation of the fan with louvers open is sometimes carried out for the refrigerant recovery control of unoperated unit.
Check again.	Stops automatically.	• Is the timer "OFF"?
	Does not operate.	• Is it a power failure? • Is the power switch turned off? • Is the power fuse or breaker blown? • Has the protective device operated? (The operation lamp goes on.) • Is the timer "ON"? (The operation lamp goes on.) • Are Cool and Heat selected simultaneously? ("⏻" indication is lit on the display of the remote control.) • Is outdoor temperature out of operation temperature range?
	Air is not cooled or warmed sufficiently	• Is the air intake or air discharge of the outdoor unit obstructed? • Are any door or window open? • Is the air filter clogged with dust? • Is discharge louver of the indoor unit set at appropriate position? • Is air selection set to "Low" "Med", and is the operation mode set to "Fan"? • Is the setup temp. the appropriate temperature? • Are Cool and Heat selected simultaneously? ("⏻" indication is lit on the display of the remote control.) • Is outdoor temperature out of operation temperature range?

⚠ CAUTION

If any of the following conditions occur, turn off the main power supply switch and immediately contact the dealer:
- Switch operation does not work properly.
- The main power fuse often blows out, or the circuit breaker is often activated.
- A foreign matter or water fall inside the air conditioner.
- When the air conditioner does not operate even after the cause of the protective device activation has been removed.
- Any other unusual conditions are observed.

■ Confirmation and check



When a trouble occurs in the air conditioner, the check code and the indoor unit number flash on the display of the remote controller.

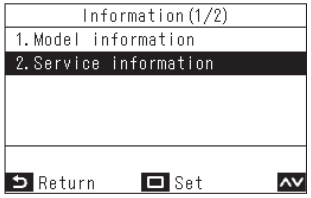
* The check code is only displayed during the operation.

When the check code and indoor unit number are displayed, pushing [Return] opens the "Check" screen.

In the "Check" screen, push [Set/Fix] to show the contacts.
Push [Menu] to display "Model information".

■ Contact information for repairs

You can look for contact information for repairs.



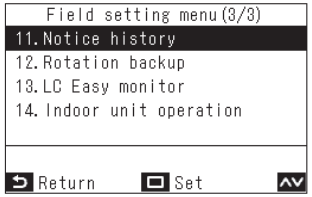
1 **In the "Information" screen, push [ ] and [ ] to select "Service information", and then push [Set/Fix]**

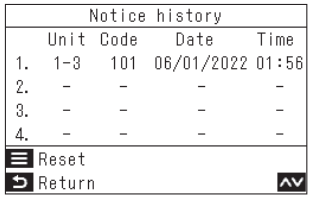
11 Notice code

- Notice code is a function only in TU2C-LINK communication.
- When the outdoor or indoor unit detects its conditions requiring caution or maintenance, this function notices you to check your units with the spanner mark (Notice code mark) on the wired remote control or central control display.
- Even while the notice code mark is displayed, the air conditioner can operate normally.
- A maximum of 10 notice codes can be issued simultaneously in one system (line).

■ Notice history

Displays the last 10 notice codes, and at which unit and when they occurred.





1 **Push [Menu] to open the “Menu”**

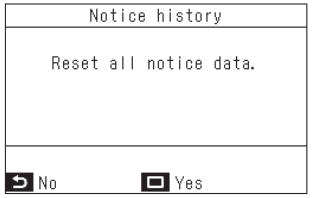
2 **Push and hold [Menu] and [ ] at the same time to open “Field setting menu”**
→ Push and hold 4 seconds.

3 **In the “Field setting menu” screen, push [ ] and [ ] to select “Notice history”, and then push [Set/Fix]**

NOTE

The notice history data shows a history of 10 occurrences. If the occurrences exceed 10, the oldest data is deleted.

Deleting notice history



1 **Push [Menu] while the “Notice history” screen is displayed**
→ “Reset all notice data.” is displayed.

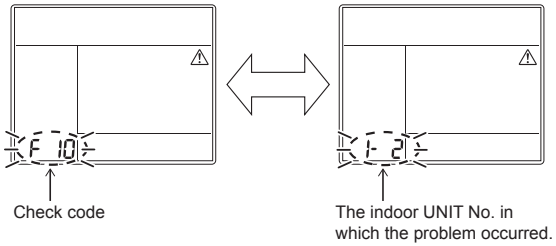
2 **Push [Set/Fix]**

REQUIREMENT

If you are using 2 remote control, delete the history at each remote control.

■ Confirmation and check

If a problem occurs with the air conditioner, the OFF timer indicator alternately shows the check code and the indoor UNIT No. in which the problem occurred.

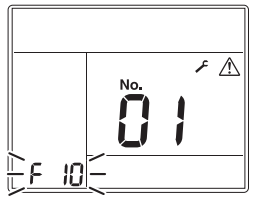


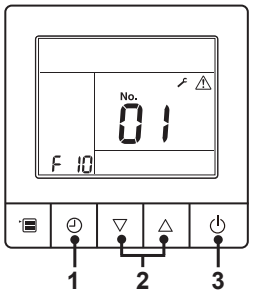
■ Troubleshooting history and confirmation

You can check the troubleshooting history with the following procedure if a problem occurs with the air conditioner. (The troubleshooting history records up to 4 incidents.)
You can check it during operation or when operation is stopped.

- If you check the troubleshooting history during OFF timer operation, the OFF timer will be canceled.

Procedure	Description of operation
1	Push the OFF timer button for over 10 seconds and the indicators appear as an image indicating the troubleshooting history mode has been entered. If [Service check] is displayed, the mode enters in the troubleshooting history mode. • [01: Order of troubleshooting history] appears in the temperature indicator. • The OFF timer indicator alternately shows the [check code] and the [indoor UNIT No.] in which the problem occurred.
2	Each time the setting button is pushed, the recorded troubleshooting history is displayed in sequence. The troubleshooting history appears in order from [01] (newest) to [04] (oldest). **⚠ CAUTION** In the troubleshooting history mode, DO NOT push the Menu button for over 10 seconds, doing so deletes the entire troubleshooting history of the indoor unit.
3	After you have finished checking, push the ON/OFF button to return to the regular mode. • If the air conditioner is operating, it remains operated even after the ON/OFF button has been pushed. To stop its operation, push the ON/OFF button again.





12 Specifications

Model	Sound power level (dBA)		Weight (kg)
	Cooling	Heating	
MMY-MUP0801FT8P-E MMY-MUP0801FT8JP-E	75	77	241
MMY-MUP1001FT8P-E MMY-MUP1001FT8JP-E	77	78	241
MMY-MUP1201FT8P-E MMY-MUP1201FT8JP-E	80	83	241
MMY-MUP1401FT8P-E MMY-MUP1401FT8JP-E	81	85	241
MMY-MUP1601FT8P-E MMY-MUP1601FT8JP-E	84	86	348
MMY-MUP1801FT8P-E MMY-MUP1801FT8JP-E	85	89	348
MMY-MUP2001FT8P-E MMY-MUP2001FT8JP-E	86	90	348
MMY-MUP2201FT8P-E MMY-MUP2201FT8JP-E	86	90	370
MMY-MUP2401FT8P-E MMY-MUP2401FT8JP-E	86	90	370

Product information of ecodesign requirements. (Regulation (EU) 2016/2281)
http://ecodesign.toshiba-airconditioning.eu/en

Declaration of Conformity

Manufacturer: CARRIER AIR CONDITIONING (THAILAND) CO., LTD.
144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI,
AMPHUR MUANGPATHUMTHANI, PATHUMTHANI 12000, THAILAND

TCF holder: Carrier RLC Europe S.A.S
Immeuble Le Cristalia 3 rue Joseph Monier
92500 Rueil-Malmaison FRANCE

Hereby declares that the machinery described below:

Generic Denomination: Air Conditioner

Model / type: MMY-MUP0801FT8P-E, MMY-MUP1001FT8P-E, MMY-MUP1201FT8P-E,
MMY-MUP1401FT8P-E, MMY-MUP1601FT8P-E, MMY-MUP1801FT8P-E,
MMY-MUP2001FT8P-E, MMY-MUP2201FT8P-E, MMY-MUP2401FT8P-E

MMY-MUP0801FT8JP-E, MMY-MUP1001FT8JP-E, MMY-MUP1201FT8JP-E,
MMY-MUP1401FT8JP-E, MMY-MUP1601FT8JP-E, MMY-MUP1801FT8JP-E,
MMY-MUP2001FT8JP-E, MMY-MUP2201FT8JP-E, MMY-MUP2401FT8JP-E

Commercial name: Super Heat Recovery Multi Air Conditioner

Complies with the provisions of the Machinery Directive (Directive 2006/42/EC) and the regulations transposing into national law

Name: Kazunari Watanabe
Position: GM, Quality Assurance Dept.
Date: 24 Mar, 2025
Place Issued: Thailand

NOTE

This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Declaration of Conformity

Manufacturer: CARRIER AIR CONDITIONING (THAILAND) CO., LTD.
144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI,
AMPHUR MUANGPATHUMTHANI, PATHUMTHANI 12000, THAILAND

TCF holder: Carrier Solutions UK Ltd.
Porsham Close, Belliver Industrial Estate,
PLYMOUTH, Devon,
PL6 7DB, United Kingdom

Hereby declares that the machinery described below:

Generic Denomination: Air Conditioner

Model / type: MMY-MUP0801FT8P-E, MMY-MUP1001FT8P-E, MMY-MUP1201FT8P-E,
MMY-MUP1401FT8P-E, MMY-MUP1601FT8P-E, MMY-MUP1801FT8P-E,
MMY-MUP2001FT8P-E, MMY-MUP2201FT8P-E, MMY-MUP2401FT8P-E

MMY-MUP0801FT8JP-E, MMY-MUP1001FT8JP-E, MMY-MUP1201FT8JP-E,
MMY-MUP1401FT8JP-E, MMY-MUP1601FT8JP-E, MMY-MUP1801FT8JP-E,
MMY-MUP2001FT8JP-E, MMY-MUP2201FT8JP-E, MMY-MUP2401FT8JP-E

Commercial name: Super Heat Recovery Multi Air Conditioner

Complies with the provisions of the Supply of Machinery (Safety) Regulations 2008

Name: Kazunari Watanabe
Position: GM, Quality Assurance Dept.
Date: 24 Mar, 2025
Place Issued: Thailand

NOTE

This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

CARRIER AIR CONDITIONING (THAILAND) CO., LTD.

144/9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI, AMPHUR MUANGPATHUMTHANI, PATHUMTHANI 12000, THAILAND

1141702201A