TOSHIBA

AIR CONDITIONER (MULTI TYPE)

Owner's Manual

For wireless remote controller

R32 or R410A

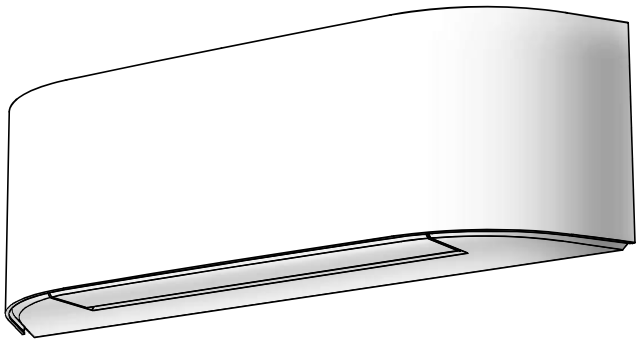
Indoor Unit

Model name:

For commercial use

High-Wall Type

MMK-UP0051DHPL-E
MMK-UP0071DHPL-E
MMK-UP0091DHPL-E
MMK-UP0121DHPL-E
MMK-UP0151DHPL-E
MMK-UP0181DHPL-E



When the DHPL model (MMK-UP*DHPL-E) is installed, PMV kit is necessary.

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 AR/BG/CS/DA/DE/EL/EN/ES/ET/FI/FR/HR/HU/IT/LV/NL/NO/PL/PT/RO/RU/SK/SL/SV/TR.

Original instruction

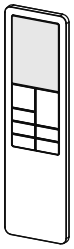
Thank you very much for purchasing Air Conditioner.
Please read this owner's manual carefully before using your Air Conditioner.
- Be sure to obtain the "Owner's manual" and "Installation manual" from constructor (or dealer).
- Request to constructor or dealer.
- Please clearly explain the contents of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

Contents

1 ACCESSORIES 2
2 PARTS NAME 2
3 PARTS NAME OF REMOTE CONTROLLER 4
4 LIMITED OPERATION BY GROUP CONTROL 10
5 HINTS FOR ECONOMICAL OPERATION 11
6 TEMPORARY OPERATION 12
7 MAINTENANCE 13
8 TROUBLES AND CAUSES 15
9 SPECIFICATIONS 17

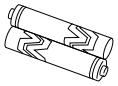
1 ACCESSORIES

Remote controller



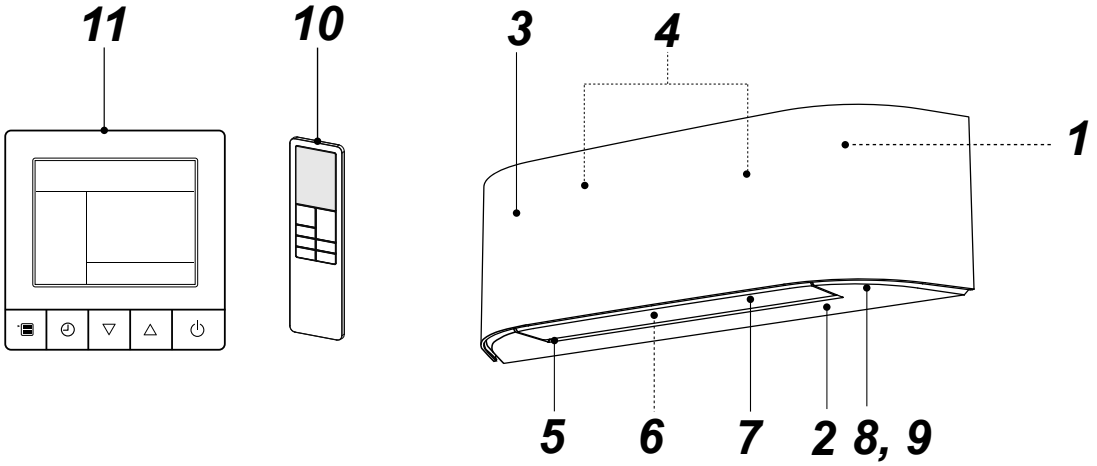
Remote controller holder

Batteries (two)



2 PARTS NAME

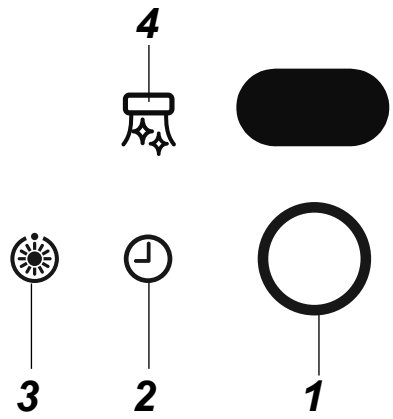
■ Indoor unit



1 Room temperature sensor
2 Front panel
3 Air inlet grille
4 Air filter
5 Air outlet
6 Horizontal airflow louver
7 Vertical airflow louver
8 Display panel
9 Infrared signal receiver
10 Remote controller (wireless)
11 Remote controller (wired, sold separately)

■ Names and functions of indicators and controls on indoor unit

Display panel



The operating conditions are indicated below.

1 **OPERATION (White)**

This lamp goes on during operation.

2 **TIMER (White)**

This lamp goes on white the timer reserved.

NOTE

In case of timer setting by wired remote controller, TIMER lamp does not light.
In case of group control, TIMER lamp goes on header unit only. (see "4 LIMITED OPERATION BY GROUP CONTROL")

3 **Preheat/Defrost (White)**

This lamp lights up when the power is turned on or right after heating operation starts or during defrost operation.

4 **Pure (White)**

This lamp goes on when the plasma ion operation.

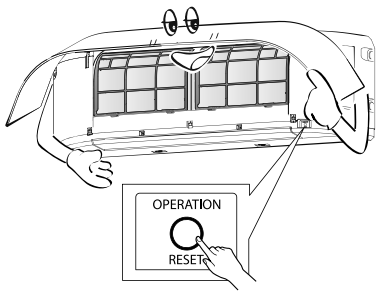
⚠ CAUTION

- **Disagreement in operation mode**
  If you select AUTOMATIC OPERATION in a model with no auto-changeover (cooling/ heating) control setting or if you select HEAT in a Cool Only model, an alarm sound (pi, pi) from the air conditioner due to disagreement in operation mode. Change the operation mode with the MODE button on the wireless remote controller. This disagreement indication cannot be deleted by the wired remote controller.
- When local prohibition is set by the central control from other equipment, no signal is received even if the remote controller button is pressed. However, a signal of START/STOP button is accepted. (An alarm sound "pi " arises intermittently five times.)

TEMPORARY operation

If you misplace or lose the wireless remote controller or its batteries are exhausted, push the [RESET] button.

- Push the [RESET] button to start the air conditioner.
- Push this button once again to stop it.

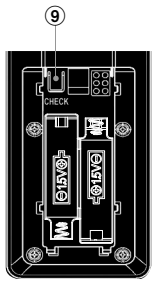


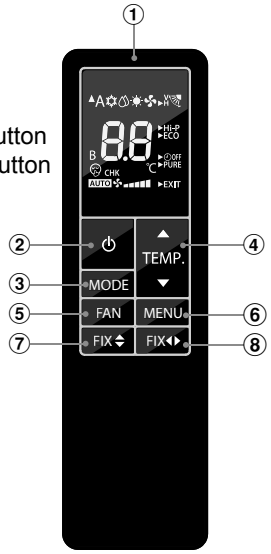
OPERATION/RESET Button

3 PARTS NAME OF REMOTE CONTROLLER

1 Remote controller

① Infrared signal emitter
② Start/Stop button
③ Mode select button
④ Temperature button
⑤ Fan speed button
⑥ Menu select button
⑦ Set louver Up-Down button
⑧ Set louver Left-Right button
⑨ Check button*
*Check button under battery cover

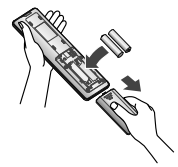




2 Preparation before use

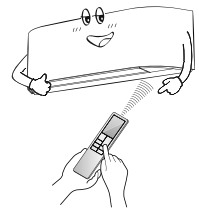
Loading Batteries (when use wireless operation.)

1. Remove the slide cover.
2. Insert 2 new batteries (AAA type) following the (+) and (–) positions.

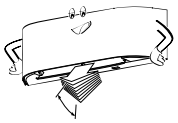
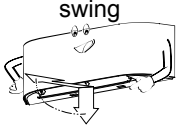
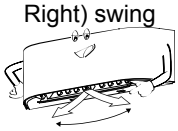


Remote Controller Reset

1. Remove the batteries.
2. Press ⏻.
3. Insert the batteries.



3 Air flow direction

1	Press FIX : Move the louver in the desired vertical direction.	
2	Press FIX : Move the louver in the desired horizontal direction.	
3	SWING operation can be selected from MENU button MENU Swing off → Vertical (Up-Down) Swing Horizontal (Left-Right) Swing Vertical and Horizontal Swing	Vertical (Up-Down) swing  Horizontal (Left-Right) swing 

NOTE

- Do not move the louver manually by hands or others.
- The louver may automation positioning by some operation mode.

4 Cooling / Fan only operation

1. Press MODE : Select Cool ☼, or Fan only ✣.
2. Press TEMP. : Set the desired temperature.
   Min. 17°C, Max. 30°C.
   Fan Only: No temperature indication
3. Press FAN : Select AUTO, LOW ▁, LOW+ ▁▂, MED ▁▂▃, MED+ ▁▂▃▄, HIGH ▁▂▃▄▅ or QUIET 😶.

5 Automatic operation

To automatically select cooling, heating, or fan only operation.

1. Press MODE : Select Auto A.
2. Press TEMP. : Set the desired temperature.
   Min. 17°C, Max. 30°C.
3. Press FAN : Select AUTO, LOW ▁, LOW+ ▁▂, MED ▁▂▃, MED+ ▁▂▃▄, HIGH ▁▂▃▄▅ or QUIET 😶.

⚠ CAUTION

Disagreement in operation mode
If you select AUTOMATIC OPERATION in a model with no auto-changeover (cooling/heating) control setting or if you select HEAT in a Cool Only model, ○ lamp lights up and ◴ and ✺ lamps blink alternately with an alarm sound (pi, pi) from the air conditioner due to disagreement in operation mode. Change the operation mode with the MODE button on the wireless remote controller. This disagreement indication cannot be deleted by the wired remote controller.

6 Heating operation

1. Press MODE : Select Heat ☀.
2. Press TEMP. : Set the desired temperature. Min. 17°C, Max. 30°C.
3. Press FAN : Select AUTO, LOW ▁, LOW+ ▁▂, MED ▁▂▃, MED+ ▁▂▃▄, HIGH ▁▂▃▄▅ or QUIET.

7 Dry operation

For dehumidification, a moderate cooling performance is controlled automatically.

1. Press MODE : Select Dry.
2. Press TEMP. : Set the desired temperature. Min. 17°C, Max. 30°C.

NOTE

DRY mode fan speed is set to Auto only.

8 Menu setup

For select more setting of Air conditioner such as Louver select, Hi Power, OFF Timer and other use MENU button MENU.

8.1 Louver Swing operation

Comfortable air flow can select from feature.

Louver Swing operation Setting

- To distribute air flow in both vertical and horizontal by swing the louver automatically.

Louver Swing operation Setting

1. Press MENU button for enter menu selection

MENU

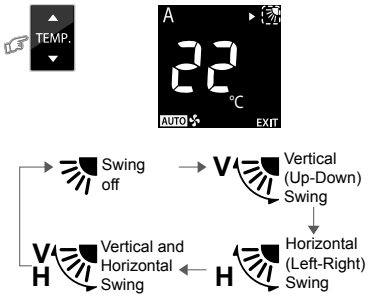
Blink only triangle.

During triangle mark blink ▶ can select menu by press TEMP. button.

TEMP.

2. Enter Louver set by press MENU button again triangle mark will stop blink and setting feature will be blink instead.

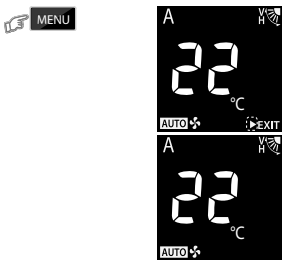
3. Select Louver swing by press TEMP. button.



4. Confirm selected feature by press MENU button again.

When feature had selected will return to menu selection display triangle mark will blink ▶.

5. Leave from menu setting display by select exit and press MENU button.

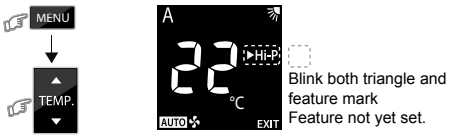


Leave from menu setting to normal display (no triangle and feature blink).

8.2 Hi POWER operation Hi-P

To automatically control room temperature and airflow for faster cooling or heating operation (except in DRY and FAN ONLY mode)

1. Press MENU button for enter menu setting and press TEMP. button to select Hi POWER



2. Confirm selected feature by press MENU button again.

3. Leave from menu setting display by select exit and press MENU button.

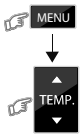
⚠ CAUTION

- The Hi POWER mode cannot be activated in the DRY and FAN ONLY operation and when the ON TIMER operation is reserved.
- Hi POWER mode is not available for group control.
  When Hi POWER is transmitted to the Header indoor unit, the receiving sound is heard but the Hi POWER mode will not be performed. Please cancel the Hi POWER mode.

8.3 ECO operation ECO

To automatically control room temperature to save energy (except in DRY and FAN ONLY mode)

1. Press MENU button for enter menu setting and press TEMP. button to select ECO.



Blink both triangle and feature mark
Feature not yet set.

2. Confirm selected feature by press MENU button again.

Blink only triangle
Feature already set.

When feature had selected will return to menu selection display triangle mark will blink ▶.

3. Leave from menu setting display by select exit and press MENU button.

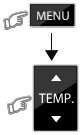
NOTE

- Cooling operation; the set temperature will increase automatically 1 degree/hour for 2 hours (maximum 2 degrees increase). For heating operation the set temperature will decrease.

8.4 TIMER OFF operation OFF

To set the timer OFF when the air conditioner is operating.

1. Press MENU button for enter menu setting and press TEMP. button to select TIMER OFF.



Blink both triangle and feature mark
Feature not yet set.

2. Enter TIMER set by press MENU button. triangle mark will stop blink and setting feature will be blink instead.

3. Select TIMER OFF by press TEMP. button. Can select TIMER OFF from 0.5 - 12hrs.

4. Confirm TIMER OFF by press MENU button.

Blink only triangle
Feature already set.

When feature had selected will return to menu selection display triangle mark will blink ▶.

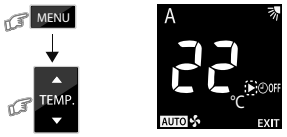
5. Leave from menu setting display by select exit and press MENU button.

NOTE

The setting will be saved for the next same operation.

Cancel TIMER OFF

6. During TIMER OFF already set (no.5) press MENU button and press TEMP. button to select TIMER OFF.



Blink only triangle
Feature already set.

7. Press MENU button again will cancel TIMER OFF.

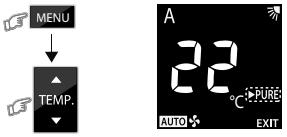
Blink both triangle and feature mark
Feature not yet set.

8. Leave from menu setting display by select exit and press MENU button.

8.5 PURE (IONIZER) operation PURE

Capture efficiency of floating impurities in the air is accelerated by Ionizer contaminates such as bacteria, odor, smoke, dust and virus are caught and deactivated by Ionizer.

1. Press MENU button for enter menu setting and press TEMP. button to select PURE.



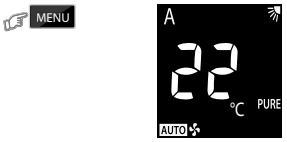
Blink both triangle and feature mark
Feature not yet set.

2. Confirm selected feature by press MENU button again.

Blink only triangle
Feature already set.

When feature had selected will return to menu selection display triangle mark will blink ▶.

3. Leave from menu setting display by select exit and press MENU button.



NOTE

- Ionizer operation does not remove harmful substances from cigarette smoke (carbon monoxide etc.). Open a window occasionally for ventilation.
- Build up of dirt, smoke, or an extremely humid environment might cause the Ionizer operation to be malfunction. In that case, cleaning the air-con and let it dry prior operation are recommended.

Auto restart function setting

This product is designed so that, after a power failure, it can restart automatically in the same operating mode as before the power failure.

Information

The product was shipped with Auto Restart function in the OFF position.
Turn it ON as required.

How to turn ON the Auto Restart Function

- Press and hold the [OPERATION] button on the indoor unit for 3 seconds
  (3 beep sounds and OPERATION lamp blink 5 time/sec for 5 seconds).

How to turn OFF the Auto Restart Function

- Press and hold the [OPERATION] button on the indoor unit for 3 seconds
  (3 beep sounds but OPERATION lamp does not blink).

NOTE

- In case of ON timer or OFF timer are set, AUTO RESTART OPERATION does not activate.

Self cleaning operation (cool and dry operation only)

To protect bad smell caused by the humidity in the indoor unit.

1. If the button is pressed once during "Cool" or "Dry" mode, the fan will continue to run for other 30 minutes, then it will turn off automatically. This will reduce the moisture in the indoor unit.
2. To stop the unit immediately, press the more 2 times within 30 seconds.

Remote control A-B selection

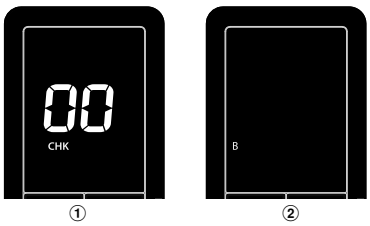
To separate using of remote control for each indoor unit in case of 2 air conditioners are installed nearly.

Remote Control B Setup.

1. Press RESET button on the indoor unit to turn the air conditioner ON.
2. Point the remote control at the indoor unit.
3. Push and hold button on the back side of Remote Control "00" will be shown on the display. (Picture ①)
4. Press MODE during pushing . "B" will show on the display and "00" will disappear and the air conditioner will turn OFF. The Remote Control B is memorized. (Picture ②)

NOTE

1. Repeat above step to reset Remote Control to be A.
2. Remote Control A has not "A" display.
3. Default setting of Remote Control from factory is A.



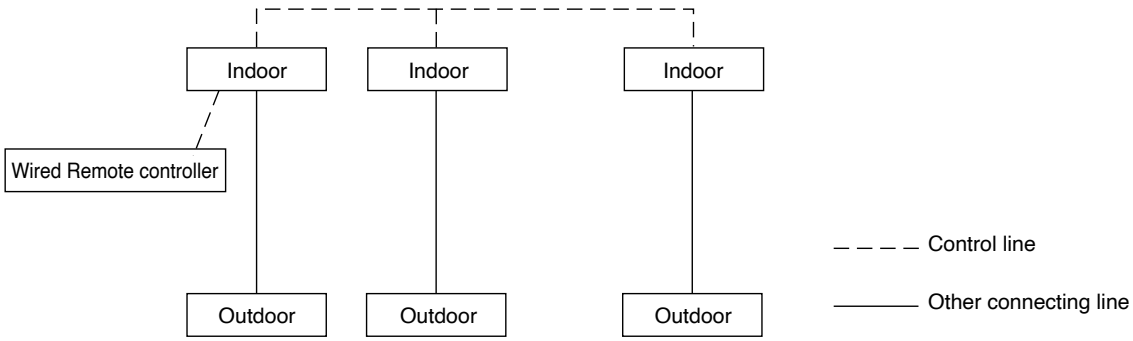
① ②

4 LIMITED OPERATION BY GROUP CONTROL

NOTE

Group control: Operate air conditioners in more than one system in same time.
Header indoor unit: The representative unit during group control. Receive commands from wired remote controller and transmit the commands to follower units.
(Header indoor unit is indoor unit that receives START/STOP signal from the wireless remote control.)
Follower indoor unit: Indoor units other than the Header unit are called follower unit.
A wired remote controller (separately available) is required for the group control.

▼ Example of group combination



⚠ CAUTION

When using indoor unit in group control,

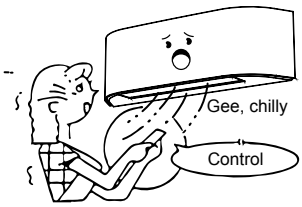
1. **Hi POWER operation will not function.**
   When Hi POWER is transmitted from wireless remote controller the receiving sound will be heard from the indoor unit and display on the wireless remote controller will also change. However, the indoor unit does not operate Hi POWER operation. Restore the display on the wireless remote controller pushing Hi POWER button.
2. **COMFORT SLEEP.**
   When COMFORT SLEEP is transmitted from wireless remote controller, the receiving sound will be heard from the indoor unit and the display on the wireless remote controller will also be changed as same as Hi POWER operation. However, the set temperature and the fan speed will not be automatically adjusted. Only off timer function is activated.
3. **Units other than the Header unit cannot be operated with remote controller and the TEMPORARY operation.**
   When operating air conditioner with wireless remote controller transmission should be sent to the Header unit.
   Header and follower indoor units are decided through address setting upon installation. Follower unit will not receive any signals from wireless remote controller.
   Air conditioner will not work even if the [RESET] button on the follower unit is pressed.
   (Some Follower units may receive SWING and FIX, but these operations are performed only on the unit that received the signal.)
   (When wireless remote controller is used, only the Header unit receives SWING signal. If the SWING signal is transmitted to follower unit, the sound to refuse receiving signal (3 beeps) is heard and the follower unit does not receive the signal.
   For FIX operation, both Header and follower unit perform the operation by itself. When wired remote controller is used, airflow direction can be changed on each unit by selecting the indoor unit.)
4. **TIMER lamp lights up only on the Header unit.**
   When the timer is set with wired remote controller, even the TIMER lamp on the Header unit will not light up.

5 HINTS FOR ECONOMICAL OPERATION

■ Maintain room temperature at comfortable level

Clean air filters

The clogged air filters impairs the performance of the air conditioner.
Clean them once two weeks.

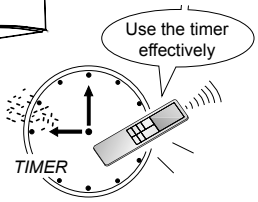


Never open doors and windows more often than necessary

To keep cool or warm air in the room, never open doors and windows more often than necessary.

Window curtains

In cooling, close the curtains to avoid direct sunlight.
In heating, close the curtains to keep the heat in.

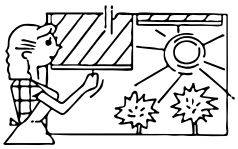


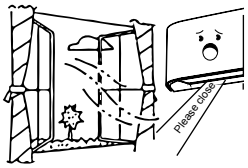
Use the timer effectively

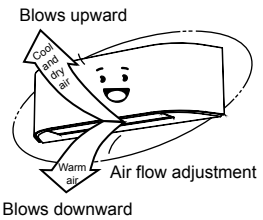
Set the timer for the desired operating time.

Get uniform circulation of room air

Adjust airflow direction for even circulation of room air.





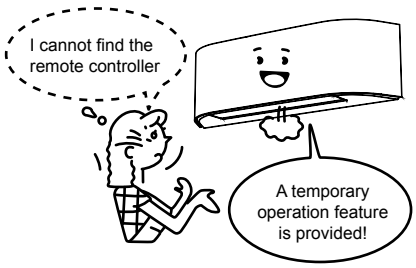


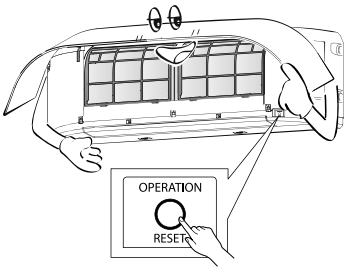
6 TEMPORARY OPERATION

■ TEMPORARY operation

This function is used to operate the unit temporarily in case you misplace the wireless remote controller or its batteries are exhausted.

- Push the [RESET] button once (less than 3 seconds) to start the air conditioner.
- The last operation conducted with the wireless remote controller will be performed. (When wireless remote controller is not used, models with the auto-changeover (cooling/heating) function perform "A" operation, and those without the function perform cooling operation (set temperature: 24°C, fan: HIGH).)





OPERATION / RESET Button

⚠ CAUTION

Continuous pressing of the [RESET] button for 10 seconds and above will start the forced cooling operation.
(This will impose burden on the air conditioner. Do not perform this for the purposes other than test run.)
In this time all indicators of indoor unit go on.

7 MAINTENANCE

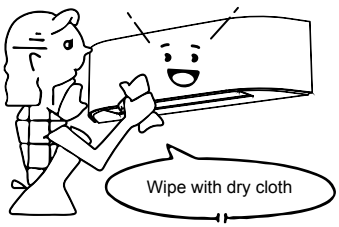
⚠ WARNING

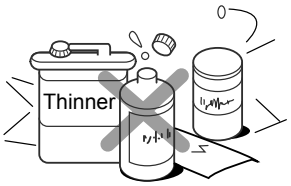
Before you clean the air conditioner, be sure to turn off the circuit breaker or main power switch.

■ Cleaning of indoor unit and remote controller

⚠ CAUTION

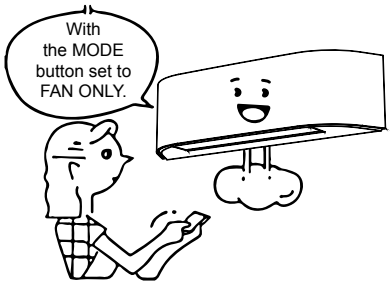
- Use a dry cloth to wipe the indoor unit and remote controller.
- A cloth dampened with cold water may be used on the indoor unit if it is very dirty.
- Never use a damp cloth on the remote controller.
- Do not use a chemically-treated duster for wiping or leave such materials on the unit for long. It may damage or fade the surface of the unit.
- Do not use benzine, thinner, polishing powder, or similar solvents for cleaning.
  These may cause the plastic surface to crack or deform.





If you will not use the unit for at least 1 month

1. Operate the air conditioner in FAN ONLY mode for about half a day to dry the inside of the unit.
2. Stop the air conditioner and turn off the main power switch.
3. Remove the batteries from the remote controller.



Check before operation

⚠ CAUTION

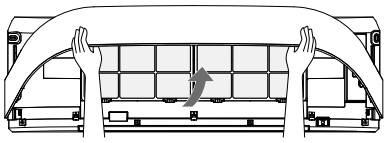
- Check that the air filters are installed.
- Check that the air outlet or inlet of the outdoor unit is not blocked.

■ Cleaning the air filter

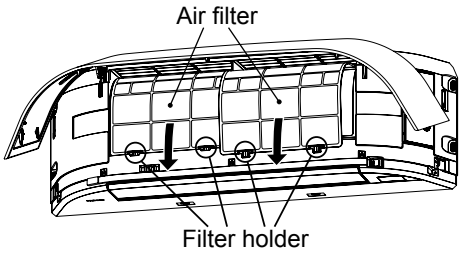
Clean the air filters every 2 weeks. If the air filters are covered with dust, the performance of the air conditioner will deteriorate.

Clean the air filters as often as possible.

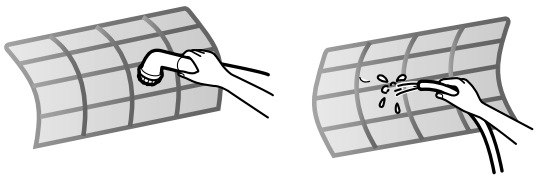
1. Open the air inlet grille.
   Lift the air inlet grille up to the horizontal position.



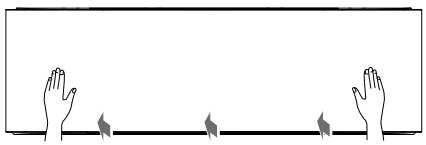
2. Take hold of the left and right handles of the air filter and lift it up slightly, then pull it downward to take it out from the filter holder.



3. Use a vacuum cleaner to remove the dust from the filters or wash them with water.
   If you wash the air filters, dry them in the shade.



4. Reinstall the air filter and close the air inlet grille.

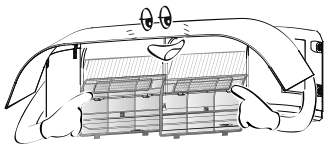


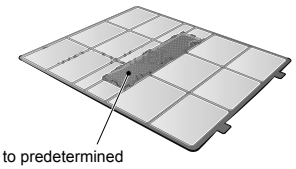
■ Cleaning the filter

Clean the filters every 3-6 months when dust stuck or covers the filter.

Clean the air filters as often as possible.

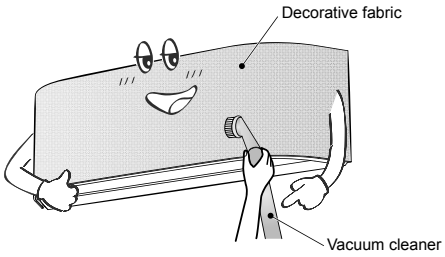
1. Open the air inlet grille.
   Lift the air inlet grille up to the horizontal position.
2. Take hold of the left and right handles of the air filter and lift it up slightly, then pull it downward to take it out from the filter holder.
3. Recommend to use vacuum to clean by sucking the dusts which stick or dip inside the filter or use the blower to blow the dust go out through the filter.
4. If necessary to use water to clean, simply use the plain water to wash ther filter, dry with the sunlight for 3-4 hours or until it completely dry.





■ Cleaning the decorative fabric

- Clean the decorative fabric when dust stuck or covers the decorative fabric.
- Take extra care when cleaning the decorative fabric.
- Vacuum the decorative fabric with soft brush nozzle that use for cleaning on furniture or curtain.
- In case of getting heavy dirty on decorative fabric, please use dry cleaning service or wash by hand with warm water separated from other clothes (to avoid color staining), then line dry in the shade.



NOTE

- Switch 'OFF' and unplug the air conditioner before removing the grille and decorative fabric.
- Ensure decorative fabric are completely dry before refitting to the grille.
- Do not put the decorative fabric in a dishwasher, washing machine, tumble dryer, oven, microwave or near an open flame.

8 TROUBLES AND CAUSES

For contents of the outdoor unit, combinations, etc., refer to the owner's manual supplied with the outdoor unit.

⚠ CAUTION

If any of the following conditions occur, stop the air conditioner immediately, set to off the main power switch and contact the dealer:

- Switch operation are erratic.
- The main power fuse often blows out, or the circuit breaker is often activated.
- Foreign matter or water has fallen inside the air conditioner.
- Any other unusual condition is observed.
- Abnormal display appears on the remote controller display while using wired remote controller.

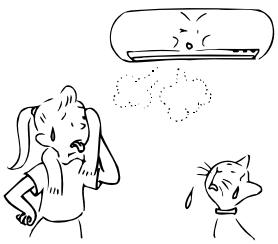
Before you ask for servicing or repairs, check the following points.

▼ Recheck

Inoperative

- The power main switch is turned off. (Indoor)
- The circuit breaker is activated to cut off the power supply.
- The main power fuse has blown out.
- Stoppage of electric current.
- The batteries in the remote controller are exhausted.
- ON TIMER is set.
- Signal is sent to the follower indoor unit with the remote controller. (see page 10)
- Operation of the indoor unit is limited by the wired remote controller that is controlling some other system. (When signal is transmitted, warning sound (5 beeps) will be heard.)
- Disagreement in operation mode occurred. (When the operation mode disagrees, the " ○ OPERATION" lamp lights up, and the "◴ TIMER" and " ❋ Preheat/Defrost" lamps blink alternately with an alarm sound.) (see page 5)

Poor cooling or heating performance

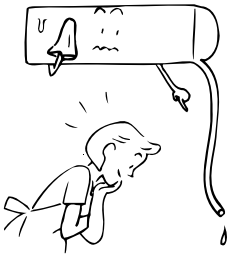


- Doors or windows are opened.
- The air filter is clogged with dust.
- The louver is not at the correct position.
- The fan speed is set to low.
- The air conditioner is set in the QUIET or 💧 DRY mode.
- The set temperature is too high. (In cooling operation)
- The set temperature is too low. (In heating operation)
- (Only when the air is not cooled even during cooling operation) When another indoor unit in the same system is heating.

▼ These are not failures.

The back of indoor unit is dewed.

- Dewdrops on the back of the indoor unit are automatically collected and drained out.



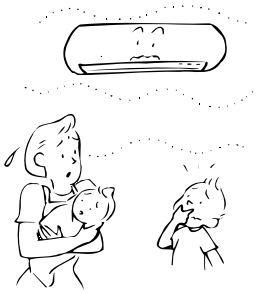
Indoor unit or outdoor unit makes a strange noise.

- When temperature sharply changes, the indoor or outdoor unit occasionally makes a strange noise because of expansion/contraction of parts or change of refrigerant flow.

The room air is smelly.

A bad odor comes from the air conditioner.

- Smells impregnated in the wall, carpet, furniture, clothing, or furs, are coming out.



Louver does not work in the FIX or SWING mode.

- The FIX and SWING modes are restricted under the group control. (see page 10)

Fan and louvers of the indoor unit moves when the unit is not operated.

- When the other indoor unit(s) is operating within the system, a fan of switched off indoor unit may temporary operate.

9 SPECIFICATIONS

Model	Sound pressure level (dBA)		Weight (kg)
	Cooling	Heating	
MMK-UP0051DHPL-E	*	*	12
MMK-UP0071DHPL-E	*	*	12
MMK-UP0091DHPL-E	*	*	12
MMK-UP0121DHPL-E	*	*	12
MMK-UP0151DHPL-E	*	*	12
MMK-UP0181DHPL-E	*	*	12

* Under 70 dBA

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: MMK-UP0051DHPL-E, MMK-UP0071DHPL-E, MMK-UP0091DHPL-E,
MMK-UP0121DHPL-E, MMK-UP0151DHPL-E, MMK-UP0181DHPL-E

Commercial name: Super Modular Multi System Air Conditioner
Super Heat Recovery Multi System Air Conditioner
Mini-Super Modular Multi System Air Conditioner (MiNi-SMMS series)

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: 2 May, 2024
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: MMK-UP0051DHPL-E, MMK-UP0071DHPL-E, MMK-UP0091DHPL-E,
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Commercial name: Super Modular Multi System Air Conditioner
Super Heat Recovery Multi System Air Conditioner
Mini-Super Modular Multi System Air Conditioner (MiNi-SMMS series)

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

Name: Kazunari Watanabe
Position: GM, Quality Assurance Dept.
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CARRIER AIR CONDITIONING (THAILAND) CO., LTD.

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

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