

# TOSHIBA

R32 or R410A

*AIR CONDITIONER (MULTI TYPE)*

## Owner's Manual

### For wireless remote controller

### Indoor Unit

Model name:

For commercial use

High-Wall Type

**MMK-UP0051DHPL-E**

**MMK-UP0071DHPL-E**

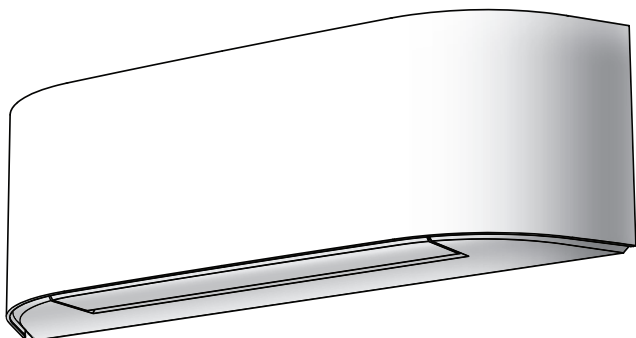
**MMK-UP0091DHPL-E**

**MMK-UP0121DHPL-E**

**MMK-UP0151DHPL-E**

**MMK-UP0181DHPL-E**

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



**Original instruction**

Thank you very much for purchasing TOSHIBA 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.

**NOTE**

This manual describes operations of the indoor unit and the wireless remote controller.

For details of the wired remote controller and the outdoor unit, refer to the operation manual supplied with the outdoor unit. (Keep these manuals carefully.)

**ADOPTION OF R32 or R410A REFRIGERANT**

This Air Conditioner has adopted a refrigerant HFC (R32 or R410A) which does not destroy the ozone layer.

**According to IEC 60335-1**

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

**According to EN 60335-1**

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

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Thank you for purchasing this Toshiba air conditioner.

Please read carefully through these instructions that contain important information which complies with the Machinery Directive (Directive 2006/42/EC), and ensure that you understand them.

After reading these instructions, be sure to keep them in a safe place together with the Installation Manual supplied with your product.

**Generic Denomination: Air Conditioner**



**Definition of Qualified Installer or Qualified Service Person**

The air conditioner must be installed, maintained, repaired and removed by a qualified installer or qualified service person. When any of these jobs is to be done, ask a qualified installer or qualified service person to do them for you.

A qualified installer or qualified service person is an agent who has the qualifications and knowledge described in the table below.

Agent	Qualifications and knowledge which the agent must have
Qualified installer	<ul style="list-style-type: none"> <li>• The qualified installer is a person who installs, maintains, relocates and removes the air conditioners made by Toshiba Carrier Corporation. He or she has been trained to install, maintain, relocate and remove the air conditioners made by Toshiba Carrier Corporation or, alternatively, he or she has been instructed in such operations by an individual or individuals who have been trained and is thus thoroughly acquainted with the knowledge related to these operations.</li> <li>• The qualified installer who is allowed to do the electrical work involved in installation, relocation and removal has the qualifications pertaining to this electrical work as stipulated by the local laws and regulations, and he or she is a person who has been trained in matters relating to electrical work on the air conditioners made by Toshiba Carrier Corporation or, alternatively, he or she has been instructed in such matters by an individual or individuals who have been trained and is thus thoroughly acquainted with the knowledge related to this work.</li> <li>• The qualified installer who is allowed to do the refrigerant handling and piping work involved in installation, relocation and removal has the qualifications pertaining to this refrigerant handling and piping work as stipulated by the local laws and regulations, and he or she is a person who has been trained in matters relating to refrigerant handling and piping work on the air conditioners made by Toshiba Carrier Corporation or, alternatively, he or she has been instructed in such matters by an individual or individuals who have been trained and is thus thoroughly acquainted with the knowledge related to this work.</li> <li>• The qualified installer who is allowed to work at heights has been trained in matters relating to working at heights with the air conditioners made by Toshiba Carrier Corporation or, alternatively, he or she has been instructed in such matters by an individual or individuals who have been trained and is thus thoroughly acquainted with the knowledge related to this work.</li> </ul>
Qualified service person	<ul style="list-style-type: none"> <li>• The qualified service person is a person who installs, repairs, maintains, relocates and removes the air conditioners made by Toshiba Carrier Corporation. He or she has been trained to install, repair, maintain, relocate and remove the air conditioners made by Toshiba Carrier Corporation or, alternatively, he or she has been instructed in such operations by an individual or individuals who have been trained and is thus thoroughly acquainted with the knowledge related to these operations.</li> <li>• The qualified service person who is allowed to do the electrical work involved in installation, repair, relocation and removal has the qualifications pertaining to this electrical work as stipulated by the local laws and regulations, and he or she is a person who has been trained in matters relating to electrical work on the air conditioners made by Toshiba Carrier Corporation or, alternatively, he or she has been instructed in such matters by an individual or individuals who have been trained and is thus thoroughly acquainted with the knowledge related to this work.</li> <li>• The qualified service person who is allowed to do the refrigerant handling and piping work involved in installation, repair, relocation and removal has the qualifications pertaining to this refrigerant handling and piping work as stipulated by the local laws and regulations, and he or she is a person who has been trained in matters relating to refrigerant handling and piping work on the air conditioners made by Toshiba Carrier Corporation or, alternatively, he or she has been instructed in such matters by an individual or individuals who have been trained and is thus thoroughly acquainted with the knowledge related to this work.</li> <li>• The qualified service person who is allowed to work at heights has been trained in matters relating to working at heights with the air conditioners made by Toshiba Carrier Corporation or, alternatively, he or she has been instructed in such matters by an individual or individuals who have been trained and is thus thoroughly acquainted with the knowledge related to this work.</li> </ul>

These safety cautions describe important matters concerning safety to prevent injury to users or other people and damages to property. Please read through this manual after understanding the contents below (meanings of indications), and be sure to follow the description.





Indication	Meaning of Indication
 <b>WARNING</b>	Text set off in this manner indicates that failure to adhere to the directions in the warning could result in serious bodily harm (*1) or loss of life if the product is handled improperly.
 <b>CAUTION</b>	Text set off in this manner indicates that failure to adhere to the directions in the caution could result in slight injury (*2) or damage (*3) to property if the product is handled improperly.

\*1: Serious bodily harm indicates loss of eyesight, injury, burns, electric shock, bone fracture, poisoning, and other injuries which leave aftereffect and require hospitalization or long-term treatment as an outpatient.
















\*2: Slight injury indicates injury, burns, electric shock, and other injuries which do not require hospitalization or longterm treatment as an outpatient.

\*3: Damage to property indicates damage extending to buildings, household effects, domestic livestock, and pets.

## MEANINGS OF SYMBOLS DISPLAYED ON THE UNIT

	<p><b>WARNING</b> (Risk of fire)</p>	<p>This mark is for R32 refrigerant only. Refrigerant type is written on nameplate of outdoor unit. In case that refrigerant type is R32, this unit uses a flammable refrigerant. If refrigerant leaks and comes in contact with fire or heating part, it will create harmful gas and there is risk of fire.</p>
	<p>Read the OWNER'S MANUAL carefully before operation.</p>	
	<p>Service personnel are required to carefully read the OWNER'S MANUAL and INSTALLATION MANUAL before operation.</p>	
	<p>Further information is available in the OWNER'S MANUAL, INSTALLATION MANUAL, and the like.</p>	

■ Warning indications on the air conditioner unit

Warning indication	Description				
<table border="1" style="width: 100%;"> <tr> <td style="width: 20%; text-align: center;"></td> <td style="text-align: center;"><b>WARNING</b></td> </tr> <tr> <td></td> <td><b>ELECTRICAL SHOCK HAZARD</b> Disconnect all remote electric power supplies before servicing.</td> </tr> </table>		<b>WARNING</b>		<b>ELECTRICAL SHOCK HAZARD</b> Disconnect all remote electric power supplies before servicing.	<p><b>WARNING</b></p> <p><b>ELECTRICAL SHOCK HAZARD</b> Disconnect all remote electric power supplies before servicing.</p>
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# 1 PRECAUTIONS FOR SAFETY

## DANGER

- Do not attempt to install this unit by yourself.  
This unit requires qualified installer.
- Do not attempt to repair the unit by yourself.  
This unit has no components which you can repair.
- Opening or removing the cover will expose you to dangerous voltage.
- Turning off the power supply will not prevent potential electric shock.



The manufacturer shall not assume any liability for the damage caused by not observing the description of this manual.

## WARNING

### General

- Carefully read Owner's Manual before starting the air conditioner. There are many important things to keep in mind for daily operation.
- Ask for installation to be performed by the dealer or a professional. Only a qualified installer (\*1) is able to install an air conditioner. If a non-qualified person installs an air conditioner, it may result in problems such as fire, electric shock, injury, water leakage, noise and vibration.
- Do not use any refrigerant different from the one specified for complement or replacement. Otherwise, abnormally high pressure may be generated in the refrigeration cycle, which may result in a failure or explosion of the product or an injury to your body.
- Places where the operation sound of the outdoor unit may cause a disturbance. (Especially at the boundary line with a neighbour, install the air conditioner while considering the noise.)
- This appliance is intended to be used by expert or trained users in shops, in light industry, or for commercial use by lay persons.

### Transportation and storage

- To transport the air conditioner, wear shoes with protective toe caps, protective gloves, and other protective clothing.
- To transport the air conditioner, do not take hold of the bands around the packing carton. You may injure yourself if the bands should break.
- Before stacking the packing cartons for storage or transportation, heed the precautions written on the packing cartons. Failure to heed the precautions may cause the stack to collapse.
- The air conditioner must be transported in stable condition. If any part of the product broken, contact your dealer.

- When the air conditioner must be transported by hand, carry it by two or more people.

## Installation

- Only a qualified installer (\*1) or qualified service person (\*1) is allowed to carry out the electrical work of the air conditioner. Under no circumstances must this work be done by an unqualified individual since failure to carry out the work properly may result in electric shocks and/or electrical leaks.
- After the installation work has been completed, have the installer explain about the circuit breaker positions. In the event that trouble has occurred in the air conditioner, set the circuit breaker to the OFF position, and contact a qualified service person (\*1).
- If the unit is installed in a small room, take appropriate measures to prevent the refrigerant from exceeding the limit concentration even if it leaks. Consult the dealer from whom you purchased the air conditioner when you implement the measures. Accumulation of highly concentrated refrigerant may cause an oxygen deficiency accident.
- Do not install the air conditioner in a location that may be subject to a risk of exposure to a combustible gas. If a combustible gas leaks and becomes concentrated around the unit, a fire may occur.
- Use the company-specified products for the separately purchased parts. Use of non-specified products may result in fire, electric shock, water leakage or other trouble. Have the installation performed by a professional.
- Confirm that earthing is performed correctly.

## Operation

- Before opening the front panel of the indoor unit or service panel of the outdoor unit, set the circuit breaker to the OFF position. Failure to set the circuit breaker to the OFF position may result in electric shocks through contact with the interior parts. Only a qualified installer (\*1) or qualified service person (\*1) is allowed to remove the front panel of the indoor unit or service panel of the outdoor unit and do the work required.
- Inside the air conditioner are high-voltage areas and rotating parts. Due to the danger of electric shocks or of your fingers or physical objects becoming trapped in the rotating parts, do not remove the front panel of the indoor unit or service panel of the outdoor unit. When work involving the removal of these parts is required, contact a qualified installer (\*1) or qualified service person (\*1).
- Do not move or repair any unit by yourself. Since there is high voltage inside the unit, you may get electric shock when the cover and main unit is removed.
- Use of a stand more than 50 cm high to clean the filter of the indoor unit or to carry out other such jobs constitutes working at heights. Due to the danger of falling off the stand and injuring yourself while working at heights, this kind of work should not be done by unqualified individuals. When this kind of work must be carried out, do not do it yourself but ask a qualified installer (\*1) or qualified service person (\*1) to do it for you.



- Do not touch the aluminum fin of the outdoor unit. You may injure yourself if you do so. If the fin must be touched, do not touch it yourself but contact a qualified installer (\*1) or qualified service person (\*1).
- Do not climb onto or place objects on top of the outdoor unit. You may fall or the objects may fall off of the outdoor unit and result in injury.
- Do not place any combustion appliance in a place where it is directly exposed to the wind of air conditioner, otherwise it may cause imperfect combustion.
- When the air conditioner is operated with a combustion appliance in the same place, ventilate the room sufficiently. Poor ventilation causes oxygen shortage.
- When the air conditioner is used in a closed room, sufficiently ventilate the room. Poor ventilation causes oxygen shortage.
- 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.
- Do not insert your finger or a stick into the air intake or discharge. Doing so may result injury as the fan is rotating at high speed inside the unit.
- Consult the shop where you purchased the air conditioner if air conditioning (cooling and heating) is not performed properly as a refrigerant leakage may be the cause. Confirm the repair details with a qualified service person (\*1) when the repair includes additional charging of the refrigerant.
- Stop running the air conditioner and turn off the breaker before cleaning. Otherwise, injury may result as the fan is rotating at high speed inside the unit.

## Repairs

- If there is any kind of trouble (such as when an error display has appeared, there is a smell of burning, abnormal sounds are heard, the air conditioner fails to cool or heat or water is leaking) has occurred in the air conditioner, do not touch the air conditioner yourself but set the circuit breaker to the OFF position, and contact a qualified service person (\*1). Take steps to ensure that the power will not be turned on (by marking "out of service" near the circuit breaker, for instance) until qualified service person (\*1) arrives. Continuing to use the air conditioner in the trouble status may cause mechanical problems to escalate or result in electric shocks or other trouble.
- If the fan grille is damaged, do not approach the outdoor unit but set the circuit breaker to the OFF position, and contact a qualified service person (\*1) to have the repairs done. Do not set the circuit breaker to the ON position until the repairs are completed.
- If there is a danger of the indoor unit's falling, do not approach the indoor unit but set the circuit breaker to the OFF position, and contact a qualified installer (\*1) or a qualified service person (\*1) to refit the unit. Do not set the circuit breaker to the ON position until the unit has been refitted.

- If there is a danger of the outdoor unit's toppling over, do not approach the outdoor unit but set the circuit breaker to the OFF position, and contact a qualified installer (\*1) or a qualified service person (\*1) to have the improvements or refitting done. Do not set the circuit breaker to the ON position until the improvements or refitting is completed.
- Do not customize the unit. Doing so may result in fire, electric shock or other trouble.

## Relocation

- When the air conditioner is to be relocated, do not relocate it yourself but contact a qualified installer (\*1) or a qualified service person (\*1). Failure to relocate the air conditioner properly may result in electric shocks and/or a fire.

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## CAUTION

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### **To disconnect the appliance from the mains supply.**

- This appliance must be connected to the mains by means of a switch with a contact separation of at least 3 mm.

### **The installation fuse (all types can be used) must be used for the power supply line of this air conditioner.**

## Installation

- Certainly lay the drain hose for perfect draining. Bad drainage may cause flooding in the house and getting furniture wet.
- Connect the air conditioner to an exclusive power supply of the rated voltage, otherwise the unit may break down or cause a fire.
- Confirm that the outdoor unit are fixed on the base. Otherwise, falling down of the units or other accidents may occur.

## Operation

- Do not use this air conditioner for special purpose such as preserving food, precision instruments, art objects, breeding animals, car, vessel.
- Do not touch any switches with wet finger, otherwise you may get an electric shock.
- If the air conditioner will not be used for a considerably long time, turn off the main switch or the circuit breaker, for safety.
- To make the air conditioner operate in its original performance, operate it within the range of the operating temperature specified in the instructions. Otherwise it may cause a malfunction, or water leak from the unit.
- Prevent any liquid from falling into the remote controller. Do not spill juice, water or any kind of liquid.
- Do not wash the air conditioner. Doing so may result in electric shock.
- Check whether the installation base and other equipment have become deteriorated after being used for a long time. Leaving them such condition may result in the unit's falling down and causing injury.










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- Do not leave flammable sprays or other flammable materials near the air conditioner, and do not spray flammable aerosol directly to the air conditioner. They may catch fire.
  - Stop running the air conditioner and turn off the breaker before cleaning. Otherwise, injury may result as the fan is rotating at high speed inside the unit.
  - Ask for cleaning of the air conditioner to be performed by the dealer. Cleaning the air conditioner in an improper manner may cause damage to plastic parts, insulation failure of electric parts and result in a malfunction. In the worst case, it may result in water leakage, electric shock, smoke emission and fire.
  - Do not put a water container such as a vase on the unit. Water intrusion into the unit may occur and it may cause deterioration of electric insulation and result in electric shock.
  - Do not wash air conditioners with pressure washers. Electric leakage may cause electric shocks or fires.





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(\*1) Refer to the “Definition of Qualified Installer or Qualified Service Person.”

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

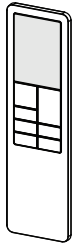
◆ Examples of indication on the carton

Symbol	Description	Symbol	Description
	Keep dry		Do not drop
 FRAGILE	Fragile		Do not lay down
 7 cartons	Stacking height (8 cartons can be stacked in this case)		Do not walk on this carton
	This side up		Do not step
	Handle with care		

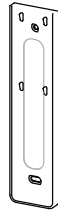
Other cautions	Description		
 <table border="1" data-bbox="375 1012 540 1159"> <tr> <td></td> <td><b>Caution</b> Injury possibility. Don't handle with packing band, or may get injured in case of broken band.</td> </tr> </table>		<b>Caution</b> Injury possibility. Don't handle with packing band, or may get injured in case of broken band.	<p><b>CAUTION</b></p> <p>Injury possibility. Don't handle with packing band, or may get injured in case of broken band.</p>
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## 2 ACCESSORIES

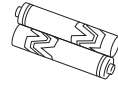
### Remote controller



### Remote controller holder

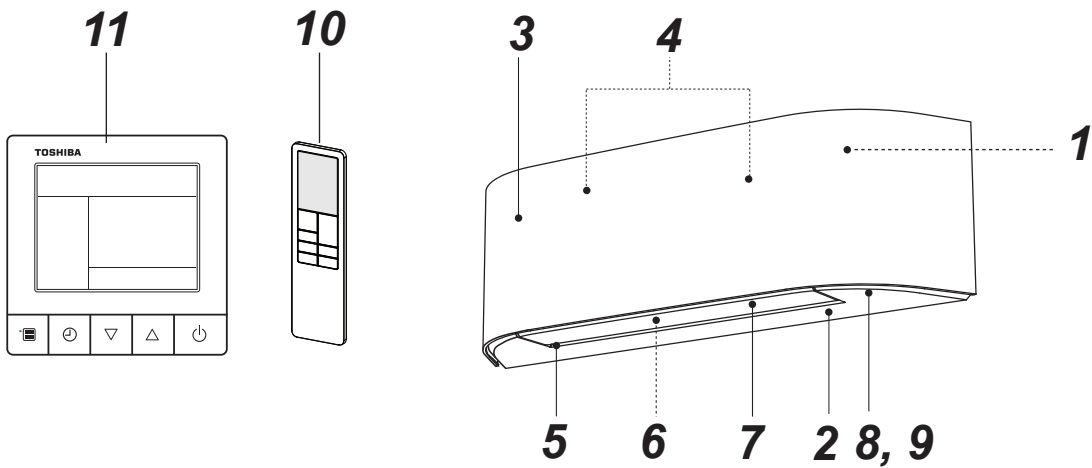


### Batteries (two)



## 3 PARTS NAME

### ■ Indoor unit

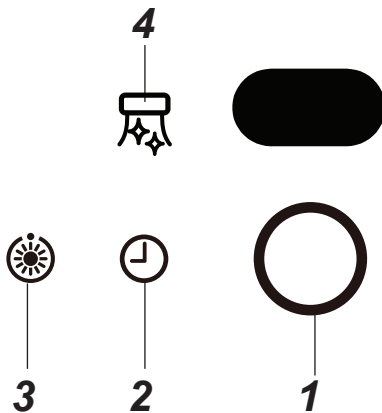


- 1** Room temperature sensor
- 2** Front panel
- 3** Air inlet grille
- 4** Air filter
- 5** Air outlet

- 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 "5 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

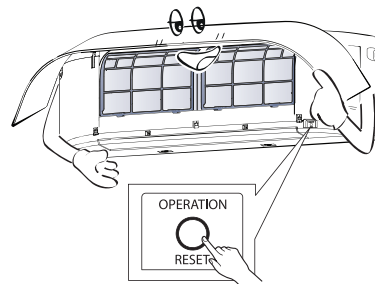
If you select AUTOMATIC OPERATION in a model with no auto-changeover (cooling/ heating) control setting or if you select HEAT in a Cool Only model, an alarm sound (pi, pi) from the air conditioner due to disagreement in operation mode. Change the operation mode with the MODE button on the wireless remote 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.



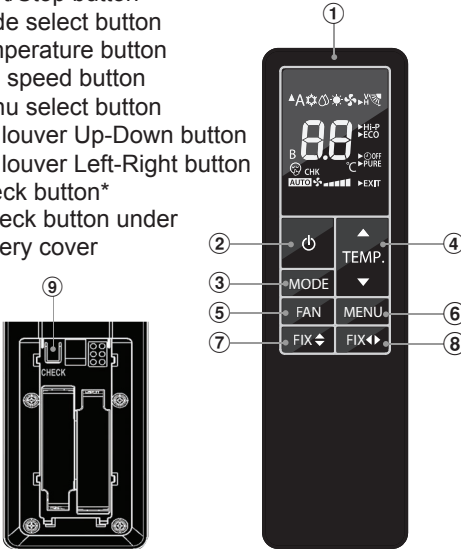
OPERATION/RESET Button

# 4 PARTS NAME OF REMOTE CONTROLLER

## 1 Remote control

- 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



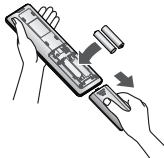
## 3 Air flow direction

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

## 2 Preparation before use

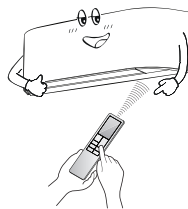
### Loading Batteries (when use wireless operation.)

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



### Remote Control Reset

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



### 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 : Select Cool , or Fan only .
2. Press : Set the desired temperature.  
Min. 17°C, Max. 30°C.  
Fan Only: No temperature indication
3. Press : Select AUTO , LOW , LOW+ , MED , MED+ , HIGH or QUIET .

## 5 Automatic operation




To automatically select cooling, heating, or fan only operation

1. Press : Select Auto A.
2. Press : Set the desired temperature.  
Min. 17°C, Max. 30°C.
3. Press : 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  : Select Heat .
2. Press  : Set the desired temperature.  
Min = 17°C, Max = 30°C.
3. Press  : Select AUTO, LOW , LOW+ , MED , MED+ , HIGH  or QUIET .

## 7 Dry operation


For dehumidification, a moderate cooling performance is controlled automatically.

1. Press  : Select Dry .
2. Press  : 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 .



### 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



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

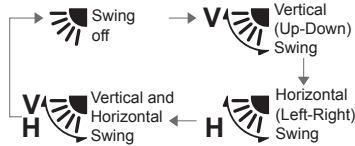




2. Enter Louver set by press MENU button again triangle mark will stop blink and setting feature will be blink instead.



3. Select Louver swing by press TEMP. button.

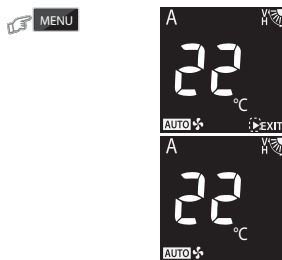


4. Confirm selected feature by press MENU button again.



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)

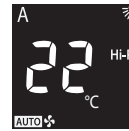
1. Press MENU button for enter menu setting and press TEMP. button to select Hi POWER



2. Confirm selected feature by press MENU button again.



3. Leave from menu setting display by select EXIT.



### 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.

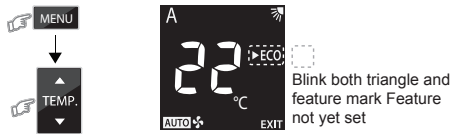
When Hi POWER is transmitted to the Header indoor unit, the receiving sound is heard but the Hi POWER mode will not be performed. Please cancel the Hi POWER mode.

### 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



2. Confirm selected feature by press MENU button again.



3. Leave from menu setting display by select EXIT.



#### 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.

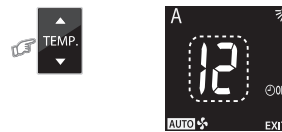
1. Press MENU button for enter menu setting and press TEMP. button to select TIMER OFF.



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.



5. Leave from menu setting display by select EXIT.

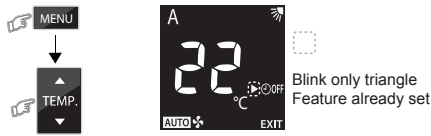


#### NOTE

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.



7. Press MENU button again will cancel TIMER OFF.



8. Leave from menu setting display by select EXIT.



**8.5 PURE (IONIZER) operation**

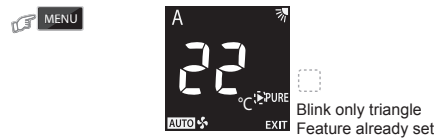
**PURE**

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

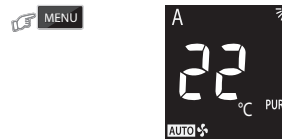
1. Press MENU button for enter menu setting and press TEMP. button to select PURE.



2. Confirm selected feature by press MENU button again.



3. Leave from menu setting display by select EXIT.



**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 but OPERATION lamp does not blink).

### How to turn OFF 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).

### 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.

- 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.
- To stop the unit immediately, press the  more 2 times within 30 seconds.

## Remote control A-B selection

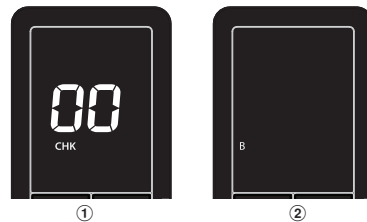
To separate using of remote control for each indoor unit in case of 2 air conditioners are installed nearby.

### Remote Control B Setup.

- Press RESET button on the indoor unit to turn the air conditioner ON.
- Point the remote control at the indoor unit.
- Push and hold  button on the back side of Remote Control "00" will be shown on the display. (Picture ①)
- Press  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

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



## 5 LIMITED OPERATION BY GROUP CONTROL

### NOTE

Group control: Operate air conditioners in more than one system in same time.

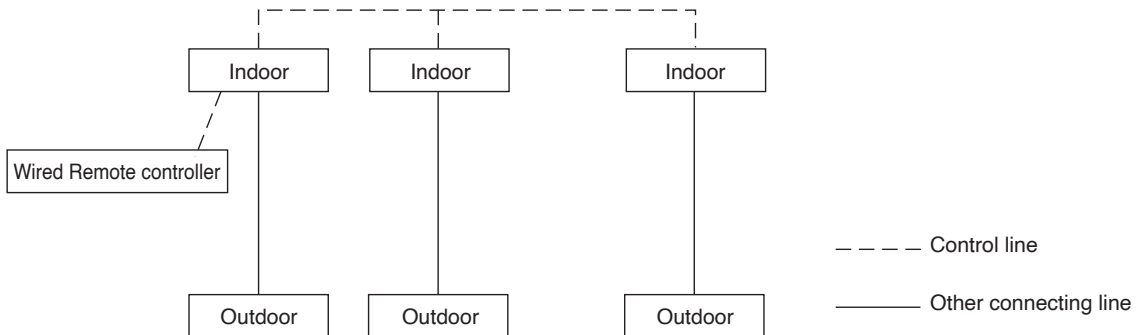
Header indoor unit: The representative unit during group control. Receive commands from wired remote controller and transmit the commands to follower units.

(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.

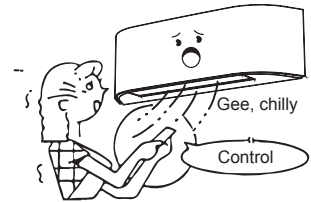
When the timer is set with wired remote controller, even the TIMER lamp on the Header unit will not light up.

# 6 HINTS FOR ECONOMICAL OPERATION

## ■ Maintain room temperature at comfortable level

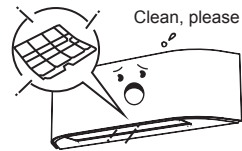
### Clean air filters

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



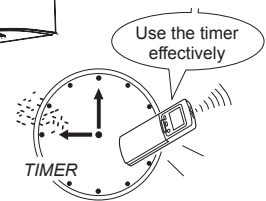
### Never open doors and windows more often than necessary

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.

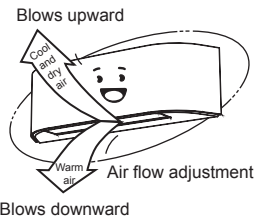
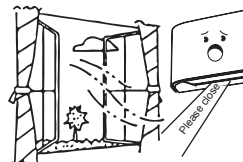


### Use the timer effectively

Set the timer for the desired operating time.

### Get uniform circulation of room air

Adjust airflow direction for even circulation of room air.

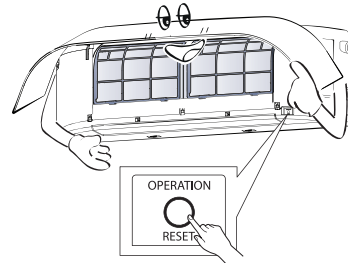
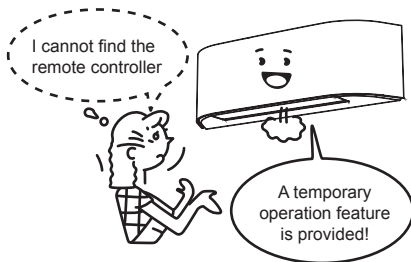


# 7 TEMPORARY OPERATION

## ■ 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.

## 8 MAINTENANCE

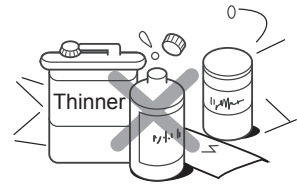
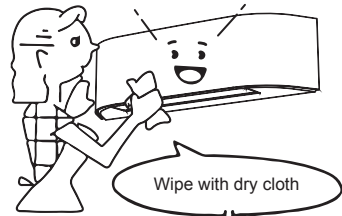
### WARNING

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

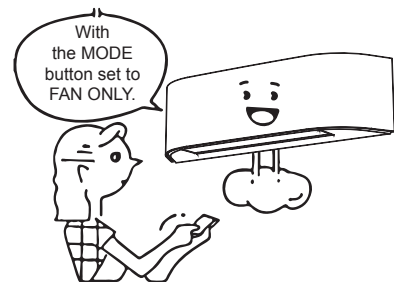
### CAUTION

- 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.

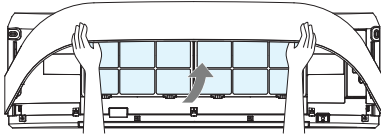


## ■ Cleaning the air filter

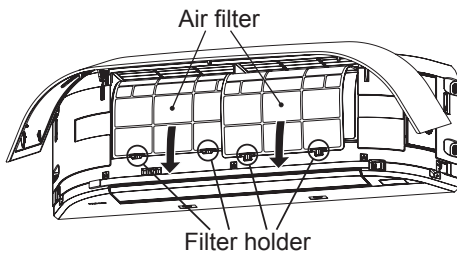
Clean the air filters every 2 weeks. If the air filters are covered with dust, the performance of the air conditioner will deteriorate.

Clean the air filters as often as possible.

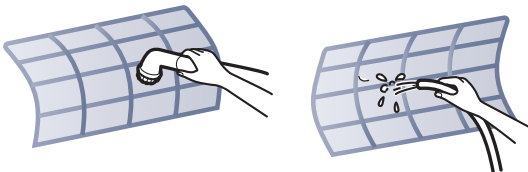
1. Open the air inlet grille.  
Lift the air inlet grille up to the horizontal position.



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.



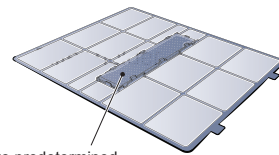
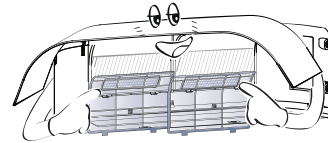
## ■ Cleaning the filter

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.

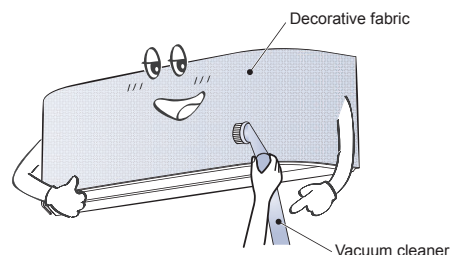
2. Take hold of the left and right handles of the air filter and lift it up slightly, then pull it downward to take it out from the filter holder.
3. Recommend to use vacuum to clean by sucking the dusts which stick or dip inside the filter or use the blower to blow the dust go out through the filter.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



Attach filter to predetermined position of air filter

## ■ 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.

## 9 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 20)
- 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 15 )



#### Poor cooling or heating performance

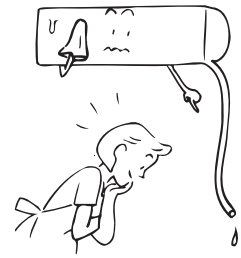
- Doors or windows are opened.
- The air filter is clogged with dust.
- The louver is not at the correct position.
- The fan speed is set to low.
- The air conditioner is set in the QUIET or  DRY mode.
- The set temperature is too high. (In cooling operation)
- The set temperature is too low. (In heating 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.



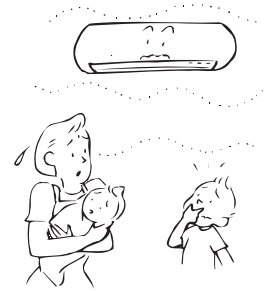
**Indoor unit or outdoor unit makes a strange noise.**

- 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.**

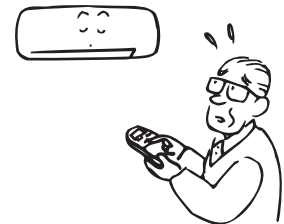
**A bad odor comes from the air conditioner.**

- 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 20)



**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.

# 10 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: Toshiba Carrier (Thailand) Co., Ltd.  
 144 / 9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi,  
 Amphur Muang, Pathumthani 12000, Thailand

TCF holder: TOSHIBA CARRIER EUROPE S.A.S  
 Route de Thil 01120 Montluel 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: 15 March, 2023  
 Place Issued: Thailand

### NOTE

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

## Declaration of Conformity

Manufacturer: Toshiba Carrier (Thailand) Co.,Ltd.  
144 / 9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi,  
Amphur Muang, Pathumthani 12000, Thailand

TCF holder: TOSHIBA CARRIER UK LTD.  
Porsham Close Belliver Industrial Estate Roborough 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,  
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 Supply of Machinery (Safety) Regulations 2008

Name: Kazunari Watanabe  
Position: GM, Quality Assurance Dept.  
Date: 15 March, 2023  
Place Issued: Thailand

### NOTE

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

# **Toshiba Carrier (Thailand) Co., Ltd.**

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