



## MITSUBISHI ELECTRIC AIR CONDITIONERS

### OPERATION MANUAL

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	Model	Service ref.
Cooling only	<b>PRC- 8MYA</b>	<b>PRC- 8MYA(-03)</b>
	<b>PRC-10MYA</b>	<b>PRC-10MYA(-03)</b>
	<b>PRC-12MYA</b>	<b>PRC-12MYA(-03)</b>
	<b>PRC-15MYA</b>	<b>PRC-15MYA(-03)</b>
	<b>PRC-20MYA</b>	<b>PRC-20MYA(-03)</b>
	<b>PRC-24MYA</b>	<b>PRC-24MYA(-03)</b>
	<b>PRC-32MYA</b>	<b>PRC-32MYA(-03)</b>

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### Note

1. Please read this manual to operate safety before using.
2. Please keep this manual in the place where it is always seen to use this manual with "Installation manual" after reading.
3. The customer must not install and not transfer the unit by themselves.  
(Safety and the function cannot be secured.)

# 1. Safety precautions.

Danger and the extent caused when wrong handling is done are divided by displaying  warning and  attention and are explained.

Before operating the unit, make sure you read all the "Safety precautions".	
"Safety precautions" lists important points about safety. Please be sure to follow them.	
The display and its meaning are given below.	
 Warning	Erroneous handling gives a high possibility to induce serious results such as death or heavy injury.
 Caution	Erroneous handling may induce serious injury depending on the situation.
The symbols used here represent that as follows.	
	Never do this.
	Never touch without wearing glove on your hands.
	Make sure to connect earth line.

## Warning.

Carefully read the labels affixed to the main unit.

## 1.1 Installation.

The Installation Manual details the suggested installation method. Any structural alteration necessary for installation must comply with local building code requirements. After you have read this manual, keep it and the Installation Manual in a safe place for easy reference whenever a question arises. If the unit is going to be operated by another person, make sure that this manual is given to him or her. The unit should not be installed by the user. (Safety and the function cannot be secured.)

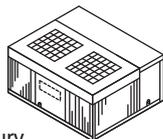


## Warning.

- Ask your dealer or specialized subcontractor for installation.  
Conducting installation work by yourself improperly may cause a fire, electric shock or water leakage.
- Use only optional parts authorized by Mitsubishi Electric.  
If the accessories are installed improperly, water leakage, electric shock or fire may result.  
Ask your dealer or an authorized company to install them.
- Never repair the unit, remodel or transfer it to another site by yourself.  
If they are performed improperly, water leakage, electric shock or fire may result.  
If you need to have the unit repaired or moved, consult your dealer.
- Take a proper measure to suppress the critical concentration of refrigerant, if leaked when installing the unit in a small room.  
The limit density is made not to be exceeded even if the refrigerant leaks by any chance.  
You are necessary to ventilation measures to prevent the accident.  
If the refrigerant leaks, hypoxia accident may caused.  
For the countermeasure to be taken, consult your dealer.
- The heating of refrigerant is noted.  
When the refrigerant touches the fire etc., it was decomposed and a poisonous gas is generated.  
Do not use the welding machine etc., in the room close up of the installation of the air conditioner.

### 1) Unit

## Warning.



- The unit should be securely installed.  
If the unit is loosely mounted, it may fall, causing injury.
- The unit must be installed on stable, level surface in a place where there is no accumulation of snow, leaves or rubbish.
- Do not stand on, or place any item on the unit.  
You may fall down or the item may fall, causing injury.

## Caution.

- Never install on the place where a combustible gas might leak.  
The gas may ignite or explode when the gas leaks and collects in surroundings of the unit.
- The unit should be installed in a location where air and noise emitted by the unit will not disturb the neighbours.
- Remote controller is not allowed to install for the place where direct sunshine strikes.

### 2) Drain piping (hose)

## Caution.

- Install drain piping (hose) according to Installation Manual to ensure proper drainage.  
Improper drain piping (hose) may cause water leakage and damage to furniture or other possessions.



### 3) Power line, fuse or circuit breaker

## Warning.

- Make sure that there is a main power switch.
- Use breaker or fuse with proper capacity.  
Using a wire or copper wire instead of proper capacity can cause fire or trouble.  
Other appliances connected to the same line could cause an overload.
- When installing at a watery place, provide an electric leak breaker.  
Failure to mount the electric leak breaker may cause electric shock.

### 4) Earth connection

## Caution.

- The unit must be properly earth connected.  
Do not connect the earth wire to gas pipe, city water pipe, lightning rod or telephone earth wire.  
Improper earth connection may cause electric shock.



### Please pay attention to the refrigerant (Freon gas).

- A non flammable, non-toxic, odourless refrigerant is used for this air conditioner.
- The refrigerant is collected on the floor side in the room because the specific gravity are larger than air. And, it causes the hypoxia accident.
- When the refrigerant gas leaks by any chance, the user must ventilates air enough by stopping the drive of the unit and opening the door.

### Please do not use the unit in the following places.

- Place where a lot of oil (The machine oil is contained), moistures, and dust exist.
- Place where a lot of salinity such as beach districts exists.
- Place where sulfur gas, volatile gas, and corroded gas are filled.
- Place where acid solution is frequently used.
- Place where special spray is frequently used.
- Hot spring zone.
- Near machine (high cycle welding machine etc.) generating high cycle.
- Place where ventilation entrance of unit is closed by snowfall.  
The main body might corrode when the unit is used in such a place, the refrigerant leak, the performance of the unit decrease remarkably, and it cause the damage of parts of the unit.

## 1.2 During operation.

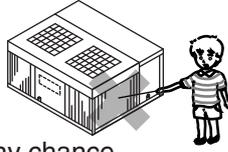
### Warning.

- Refrain from exposing yourself to cooled air for a long time or cooling excessively.

Exercise particular care when children are present. It may cause to deteriorate your physical condition or health.

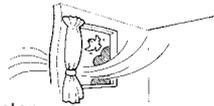
- Do not insert a finger or rod into the air outlet and inlet.

It can cause injury as the fan inside is rotating at high speed.



- When the refrigerant gas leaks by any chance, the user must ventilates air enough by stopping the drive of the unit and opening the door. When the unit is left just as it is, it causes the hypoxia accident.

Consult your dealer or specialized subcontractor.

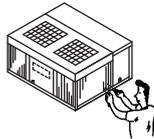


- Do not wash the unit with water.

If washed with water, electric shock may be caused.

- Never repair the unit, remodel or transfer it to another site by yourself.

If repair is performed improperly, water leakage, electric shock or fire may result. If you need to have the unit repaired or moved, consult your dealer.



- Do not remove the panel or the fan guard from the unit when it is running.

You could be injured if you touch rotating, hot or high-voltage parts .

- At emergency (if you smell something burning), stop operation and turn the power source switch off.

Continuing the operation without eliminating the emergency state may cause a machine-trouble, fire, or electric shock.

- Do not handle the switch with wet hands.

Otherwise electric shock can be resulted.

- When you notice exceptionally abnormal noise or vibration, stop operation, turn off the power switch.

Continuing the operation without eliminating the emergency state may cause a machine-trouble, fire, or electrical shock.

### Caution.

- Change air frequently when the unit is operated together with combustion equipment.

Insufficient ventilation can cause oxygen deficiency.

- Do not place a gas heater or any other combustion equipment near the unit.

It may result in the incomplete combustion of combustion equipment, if it is exposed to airflow from the air conditioner directly. It may result the unit's deformation by heat combustion equipment.

- Never install on the place where a combustible gas might leak.

The gas may ignite or explode when the gas leaks and collects in surroundings of the unit.

- Do not operate the air conditioner without the air filter set place.

Dust may accumulate, and cause a failure.

- Never block or cover the unit's intake or outlets.

It will reduce the unit's efficiency.

- Do not place animals or plants at a spot directly exposed to airflow from the air conditioner.

The airflow can give a negative effect to them.

- Do not touch the compressor or refrigerant piping without wearing glove on your hands.

Touching directly such the parts can cause a burn or frostbite as it becomes high or low temperature according to the refrigerant state.



- Do not touch the metal edges inside the unit without wearing glove on your hands.

Touching directly it may injure your hands.



- Stop the operation and turn the power source switch off for cleaning.

The fan inside rotating at high speed can cause injury.

- Do not locate vessels filled with water like a flower vase onto the unit.

Water if flooded may enter into the unit causing electric shock.

- Do not leave the mounting base being damaged.

The damaged base may cause the falling down of the unit which may give injury.

- Do not step on or place something on the unit.

Neglecting this may cause injury by falling down.

- The range of the use temperature is defended.

When the unit is used outside the use temperature range, it occasionally cause the breakdown.

- For special use as for foods, animals/plants, precision equipment or art objects, the applicability should be confirmed earlier.

As the use for the applications other than that designed originally may result in the deterioration of the quality.

Consult your dealer in this regard.



- Use only the specified refrigerant (R-22) to charge the refrigerant circuit.

Do not mix it with any other refrigerant and do not allow air to remain in the circuit.

Air enclosed in the circuit can cause high pressure resulting in a rupture and other hazards.

- After stopping operation, be sure to wait for three minutes before turning on the operation switch.

The unit failure may occur.

- Do not place objects under the units to avoid damage of condensation.

When the room is high humidity or when the drain pipe is clogged, water may drip from the indoor unit.

- Do not place insect powder or combustible spray vessel near the unit.

It may cause a fire or a unit's deformation.

- Remote controller should be pushed with finger.

It occasionally causes the electric shock and the breakdown.

- Do not operate the air conditioner without the eliminator set place.

Drain may drop into down flow supply duct.

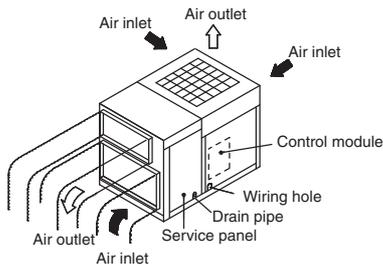
## 2. Caution before using.

- For safety, confirm that the earth terminal has been connected to the earth wire correctly.
- Never block or cover the unit's intakes or outlets.  
It will reduce the unit's efficiency.
- To start the unit again after once stopped, be sure to turn the start switch on after 3 minutes elapsed.

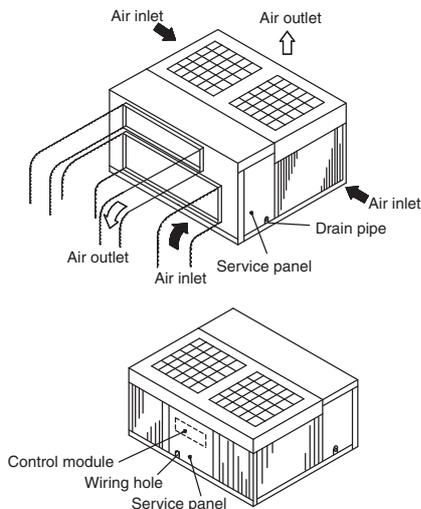
Repeating stopping and starting within 3 minutes gives improper force to the machine which can cause to trip the fuse or power source switch.

## 3. Sectional names and functions.

PRC-8  
PRC-10  
PRC-12



PRC-15  
PRC-20  
PRC-24  
PRC-32



## 4. How to conduct maintenance service.

For superior performance and lasting durability, please do not forget to conduct proper and regular maintenance.

### ⚠ Warning

1. Do not wash the unit with water.  
If washed with water, electrical shock may be caused.
2. Ahead of the maintenance.  
For safety, turn the power source off before service work.

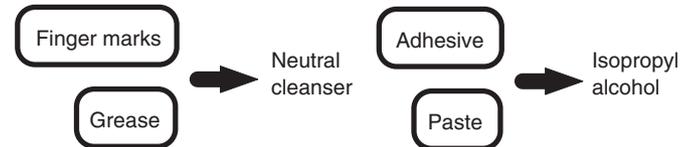
## 4.1 Cleaning of panel.

Clean dirt of panel as follows.

Use a household neutral cleanser such as for dishes or vegetables. Moisten a soft cloth with the cleanser, then wipe lightly. Next, wipe three or four times with another soft cloth moisten with water. Finally, wipe off all the remaining cleanser with a soft cloth. Moisten a soft cloth with the alcohol, then wipe off lightly. Isopropyl alcohol is sold at stores as reagents in small quantities.

### Note.

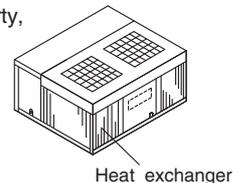
Alcohol is highly combustible.  
Take extreme care when handling.  
Also, do not use paint or adhesive thinner.



## 4.2 Cleaning the outdoor Heat Exchanger

If you use your air conditioner for prolonged periods, the outdoor heat exchanger will become dirty, impairing its function and reducing air conditioners performance.

Consult your equipment supplier or air conditioning contractor on how to clean the heat exchanger.



## 4.3 When beginning to use air conditioner again.

Please turn on the power supply after confirming an following check is done and abnormality is not found.

Please do the following work.

- It is confirmed that air inlet and outlet are not blocked.
- It is confirmed that the earth connection line does not come off.
- The earth connection line is installed surely in the unit.
- It is confirmed that there are neither lifting, blocking, no bending about the drain-hose.

1. It is confirmed to keep the controller OFF.
2. The power supply switch is turned on.

## 4.4 When the air conditioner is not to be used for long time.

If the air conditioner is not to be used for a long time due to a seasonal change, etc.,

Please do the following work.

1. The power supply switch is turned off.  
If the power supply is kept on, several watts or several tends of watts will be wasted.
2. Filter, eliminator and drain pan are cleaned.  
Pay attention to throw dust in the drain.
3. Run it for 4-5 hours with the air blowing until the inside is completely dry.  
Failing to do so can result the growth of unhygienic, unhealthy mold in scattered areas throughout the room.

## 4.5 In case of failure.

1. Never remodel the air conditioner.  
Consult your dealer for any repair service.  
Improper repair work can result in water leakage, electric shock, fire, etc.
2. If the poser breaker is frequently activated, get in touch with your dealer.  
Leaving the unit as it is under such conditions can result in fire or failure.
3. If the refrigeration gas blows out or leaks, stop the operation of the air conditioner.
4. Thoroughly ventilate the room, and contact your dealer.  
Leaving the unit as it is can result in accidents due to oxygen deficiency.

## 5. Transferring work, and construction.

### 5.1 Transfer of installation.

1. When removing and reinstalling the air conditioner when you enlarge your home, remodel, or move, consult with your dealer in advance to ascertain the cost of the professional engineering work required for transferring the installation.
2. Please do not mix the one other than a specified refrigerant when you add the refrigerant (R-22) at the installation and the transferring.
3. When moving or reinstalling the air conditioner, consult with your dealer.  
Defective installation can result in electric shock, fire, etc.

### 5.2 Place for installation.

Please do not use the unit in the following places.

1. Place where a lot of oil (The machine oil is contained), moistures, and dust exist.
2. Place where a lot of salinities such as beach districts exists.
3. Place where sulfur gas, volatile gas, and corroded gas are filled.
4. Place where acid solution is frequently used.
5. Place where special spray is frequently used.
6. Hot spring zone.
7. Never machine (high cycle welding machine etc.) generating high cycle.
8. Place where ventilation entrance of unit is closed by snowfall.
9. The unit must be installed on stable, level surface.

The main body might corrode when the unit is used in such a place, the refrigerant leak, the performance of the unit decrease remarkably, and it cause the damage of parts of the unit.

### 5.3 Regarding electric work.

1. The electrical work must be undertaken by a person who is qualified as an electric engineer according to the (technical standard respecting electrical installation), (internal wiring rules), the installation and operation manual with the absolute use of exclusive circuits. The range of working voltage is within  $\pm 10\%$  voltage of power supply.
2. Please install a special power supply in the power supply.
3. Please install the earth connection for the electric shock prevention.
4. Never connect the grounding wire to a gas pipe, water pipe, arrester, or telephone grounding wires.  
For details, consult with your dealer.
5. In some types of installation sites, the installation of an earth leakage breaker is mandatory. For details, consult with your dealer.
6. The breaker and the fuse must use the one of correct capacity.

### 5.4 Consideration of the noise.

1. Take sufficient measures against noise when installing the air conditioners at hospitals or communication-related businesses.
2. If the air conditioner is used in any of the above-mentioned environments, frequent operational failure can be expected.  
It is advisable to avoid these type of installation sites.  
For further details, consult with your dealer.
3. Choose a place where cool air and noise from the outdoor air outlet of the air conditioner do not inconvenience the neighbors.
4. If any obstruction is placed near the air outlet of the unit, decreased performance and increased noise can result.  
Do not place any obstruction near the air outlet.
5. If the air conditioner produces any abnormal sound, consult with your dealer.

### 5.5 Disposing of the unit.

When you need to dispose of the unit, consult your dealer. If pipes are removed incorrectly, refrigerant (fluorocarbon gas) may blow out and come into contact with your skin, causing injury. Releasing refrigerant into the atmosphere also damages the environments.

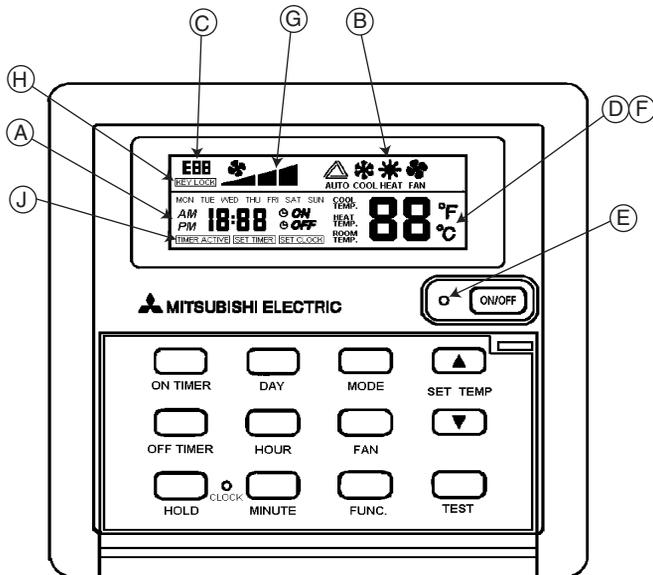
### 5.6 Maintenance and inspection.

1. If the air conditioner is used throughout several seasons, the insides can get dirty, reducing the performance.
2. Depending upon the conditions of usage, foul odours can be generated and drainage can deteriorate due to dust and dirt, etc.

## 6. How to operate : In case of using LCD remote controller.

If you use the LCD remote controller, you can operate below method.  
Please consult operate method with dealer, if you use field supply control parts.

### Display section



For purposes of explanation, all the displays on this page are shown in their lit condition. This configuration does not occur in the actual unit.

### Before starting operation

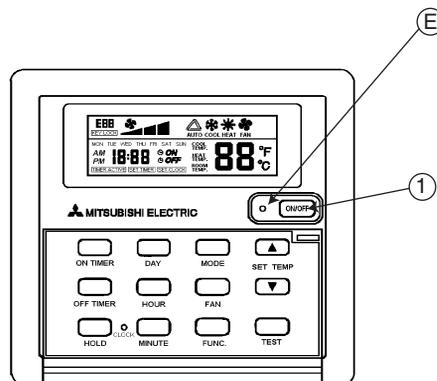
- \* Make sure that the power supply is turned ON before use.  
(Keep the power supply turned ON at all times when the air conditioner is in use. Use of the unit without power can result in compressor failure.)

#### ⚠ Warning:

Check and confirm the power circuit before use. For the contents, refer to the previously described chapter [Crucial points to be observed for safety].

- (A) [Current/start/ending time] Display
- (B) Operation mode  
Displays the status of operation.
- (C) [Checking] Display  
This displays indication when some abnormality occurs in the unit.
- (D) [Set temperature] Display  
Displays the set temperature.
- (E) [Operation] Lamp  
Lights up during operation, goes off during stop.
- (F) [Room temperature] Display  
Displays the temperature of the air sucked in during operation.
- (G) [Fan] Display  
This displays indication fan operation.
- (H) [Key lock] Display  
This display indication during key lock function active.
- (J) [Timer Hold / Resume setting] Display

## 6.1 ON / OFF



(E) Operation lamp

### Start operation

Press the [ON/OFF] button ①  
Operation lamp lights up and operation starts.

### Stop operation

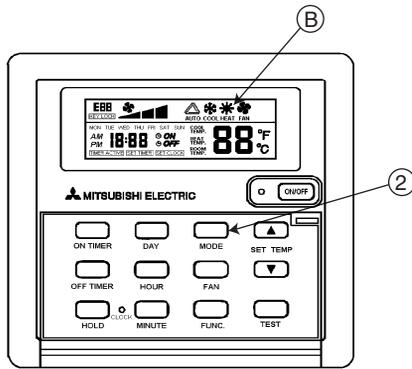
Press the [ON/OFF] button ① again  
Operation lamp goes off and operation stops.

- \* Once the buttons have been set, pressing of the [ON/OFF] button only can repeat the same operation thereafter.
- \* During operation, the operation lamp above the [ON/OFF] button lights up.

#### ⚠ Caution:

Even if the operation button is pressed immediately after the operation is once stopped, operation is not restarted for about 3 minutes. This function protects the machine. It automatically starts operation after the lapse of approximately 3 minutes.

## 6.2 Selecting operation



Ⓑ Operation mode display

### When selecting operation

Press the [MODE] button ②

Consecutive press of the [MODE] button switches the operation over to "FAN" and "COOL".

For the contents of operation, check the display.

### For fan

Press the [MODE] button ② and bring up the "FAN" display.

- \* The fan operation functions to circulate the air in the room.
- \* The temperature of the room cannot be set by fan operation.

### ⚠ Caution:

Never expose your body directly to cool air for a long time. Excessive exposure to cool air is bad for your health, and should therefore be avoided.

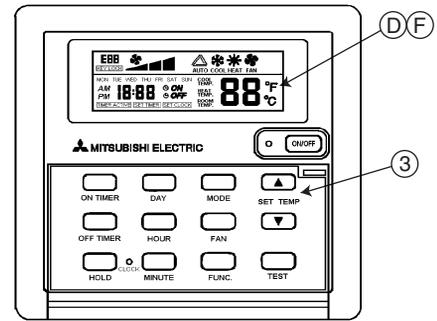
### For cooling

Press the [MODE] button ② and bring up the "COOL" display.

### ⚠ Caution:

- \* When the air conditioner is used together with burners, thoroughly ventilate the area. Insufficient ventilation can result in accidents due to oxygen deficiency.
- \* Never place a burner at a place where it is exposed to the airflow from the air conditioner. Doing so can result in imperfect combustion of the burner.

## 6.3 Room temperature adjustment



Ⓓ Set temperature display and Ⓕ room temperature display

### To change room temperature

Press the [SET TEMP] button ③ and set the room temperature of your choice.

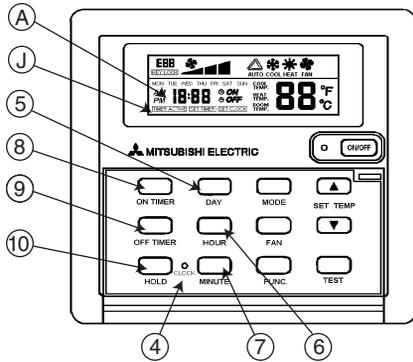
Press  $\Delta$  or  $\nabla$  button once changes the setting by 1°C. If the pressing is continued, the setting continues to change by 1°C.

- \* Indoor temperature can be set within the following range.  
Cooling 19 ~ 30 °C

- \* It is impossible to set the room temperature by the air-blow operation.

Press  $\Delta$  and  $\nabla$  button together, the unit of temperature change "°C" (degree-centigrade) and "°F". (degree-Fahrenheit)

## 6.4 Time setting



- Ⓐ Current time display
- ⓙ Timer Hold/Resume display

### Clock setting

Press the [CLOCK] key ④ one time will activate set clock mode.  
 Press the [CLOCK] key ④ again will disable set clock mode.  
 Under set clock mode, the real time clock and present day setting can be changed by pressing [DAY] button ⑤, [HOUR] button ⑥ or [MINUTE] button ⑦.

- ⚠ Caution:  
 [CLOCK] key ④ is not allowed to be pushed with the thing of sharp tip.

### 7-Days timer setting

There are two buttons for timer. One is [ON TIMER] ⑧, another is [OFF TIMER] ⑨.  
 Press the button one time will activate set timer mode.  
 Press the same button again will disable set timer mode.  
 Under set timer mode, the 7-days timer setting can be changed by pressing [DAY] button ⑤, [HOUR] button ⑥ or [MINUTE] button ⑦.

### Day setting

During set clock mode or set timer mode, press the [DAY] button ⑤ will change the day setting.

### Hour setting

During set clock mode or set timer mode, press the [HOUR] button ⑥ will change the hour setting.

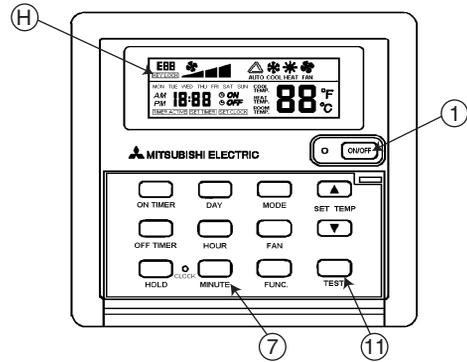
### Minute setting

During set clock mode or set timer mode, press the [MINUTE] button ⑦ will change the minute setting.

### Timer Hold / Resume setting

If 7-days timer is set, then the word "Timer Active" is displayed ⓙ.  
 To clear all the timers setting, press and hold the [HOLD] button ⑩ until the word "Timer Active" is not displayed.  
 To resume the timer setting after timers have been held, press and hold the [HOLD] button ⑩ until the word "Timer Active" is displayed.

## 6.5 Other function



### Key lock

Press the [MINUTE] button ⑦ three times consecutively, the word "KEY LOCK" will displayed ⓞ.  
 At this time, only [ON-OFF] button ① is valid.  
 This function purpose is protect from mischief of child etc.

To cancel the key lock function, Please press [MINUTE] button ⑦ three times consecutively again.

### Test run

Press the [TEST] button ⑪ two times consecutively.  
 The unit will run and finished automatically after two hours.

## 7. Troubleshooting

Before you ask for repair service, check the following points:

State of Machine	LCD remote Controller	Cause	Troubleshooting
It does not run.	"ON-OFF "display is not lit up No display appears even when the [ON/OFF] button is pressed.	Power failure	Press the [ON/OFF] button after power restoration.
		The power supply is turned OFF.	Turn the power supply ON.
		The fuse in the power supply is gone.	Replace fuse.
		The earth leakage breaker is gone.	Put in the earth leakage breaker.
		The wiring phase of power supply is mistaken. (PRC-8,10,15,20 only)	Modify the wiring phase of power supply.
Air flows out but it does not cool enough.	The liquid crystal display shows that it is in the state of operation.	Improper temperature adjustment.	After checking the set temperature and inlet temperature on the liquid crystal display, refer to [To change room temperature] on page 6, and operate the adjustment button.
		The filter is filled with dust and dirt.	Clean up the filter.
		There are some obstacles at the air inlet or outlet of the units.	Remove.
		Windows or doors are open.	Close.
Cool air does not come out.	The liquid crystal display shows that it is in operation.	The restart-preventing circuit is in operation for 3 minutes.	Wait for a while. (To protect the compressor, a 3-minute restart-preventing circuit is built into the unit. Therefore, there are occasions sometimes when the compressor does not start running immediately. There are cases when it does not run for as long as 3 minutes.)
Fan runs but compressor do not run.		The set temperature of thermostat is excessively high for cooling.	For temperature control, decrease the set temperature at cooling.
		The room temperature is excessively low for cooling.	Can not be operated as it is out of temperature control range.
Compressor runs but stops immediately.		Air outlet or inlet are blocked.	Remove blocking matter.
Water or steam is discharged from the unit.		At cooling, water which places to cooling piping and piping connection part drops.	It is not a breakdown. Please contact and consult your dealer.
		The drain pipe is clogged due to dust, therefore the drain water overflow.	

### LCD remote controller error display

Indicate	Cause	Troubleshooting
E01	Room temperature sensor open.	Automatically reset to restoration error.
E02	Room temperature sensor short.	Automatically reset to restoration error.
E03	Error input from Indoor unit or Outdoor unit.	Push the On-Off switch. (OFF to ON)

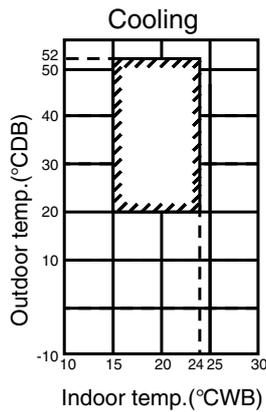
## 8. Specification.

Model		PRC-8MYA	PRC-10MYA	PRC-12MYA	PRC-15MYA	PRC-20MYA	PRC-24MYA	PRC-32MYA
Service ref.		PRC-8MYA(-03)	PRC-10MYA(-03)	PRC-12MYA(-03)	PRC-15MYA(-03)	PRC-20MYA(-03)	PRC-24MYA(-03)	PRC-32MYA(-03)
Power supply		PRC-8~32MYC ; 3N~ 400-415V 50Hz PRC-8~32MYC-03 ; 3N~ 380V 50Hz						
Cooling capacity	kW	24.0	32.0	35.0	48.0	64.0	70.0	100.0
	Btu/h	81,900	109,200	119,500	163,800	218,400	238,900	341,200
	kcal/h	20,700	27,600	30,100	41,300	55,100	60,200	8,600
Compressor output	kW	5.5	7.5	8.0	2 x 5.5	2 x 7.5	2 x 8.0	3 x 8.0
Indoor motor output	kW	1 x 0.7	1 x 1.25		1 x 1.7	1 x 2.5		1 x 4.5
Fan air flow	CMM	80	100		160	190	200	285
	CFM	2,826	3,532		5,651	6,710	7,064	10,066
	L/S	1,333	1,667		2,667	3,167	3,333	4,750
Dimension	Height	mm	1,000			1,200		1,650
	Width	mm	1,300			1,990		2,100
	Depth	mm	1,530			1,800		2,100
Net weight	kg	360	390	395	655	755	765	1,100
Sound pressure level	dB(A)	66		69	70		73	76

- Notes.
- Cooling capacity is based on the following conditions.  
Indoor ; 27 °C DB, 19 °C WB  
Outdoor ; 35 °C DB
  - Capacity is gross capacity which do not include a deduction for evaporator fan motor heat.
  - The measuring point of the Sound pressure level is 1m from the unit surface.
  - The range of working voltage is within  $\pm 10\%$  voltage of power supply.

### 8.1 Range of application.

The range of working temperatures is as below.  
Make sure which unit you are using and confirm the range of application.



(Note)  
As an applicable humidity outside standard for both indoors and outdoors, we recommend use within a range of 35-80% relative humidity. However, it is a condition that there is no be dewy in surfaces of electric parts.

#### Caution

The use of your air conditioner outside the range of working temperature and humidity can result in serious failure.

## 9. Special order.

Description	Model	PRC-8MYA	PRC-10MYA	PRC-12MYA	PRC-15MYA	PRC-20MYA	PRC-24MYA	PRC-32MYA
	Service ref.	PRC-8MYA(-03)	PRC-10MYA(-03)	PRC-12MYA(-03)	PRC-15MYA(-03)	PRC-20MYA(-03)	PRC-24MYA(-03)	PRC-32MYA(-03)
LCD remote controller		PAC-204RC						
Pressure Gauge		○	○	○	○	○	○	○

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Please be sure to put the contact address/telephone number on the operation manual before handing it to the customer.

 **MITSUBISHI ELECTRIC CORPORATION**

HEAD OFFICE MITSUBISHI DENKI BLDG MARUNOUCHI TOKYO 100-0005 TELEX J24532 CABLE MELCO TOKYO

WT03427X03

**Specifications subject to change without notice.**