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CITY MULTI Control System

Smart ME Controller PAR-U02MEDA

Simple Operation Manual

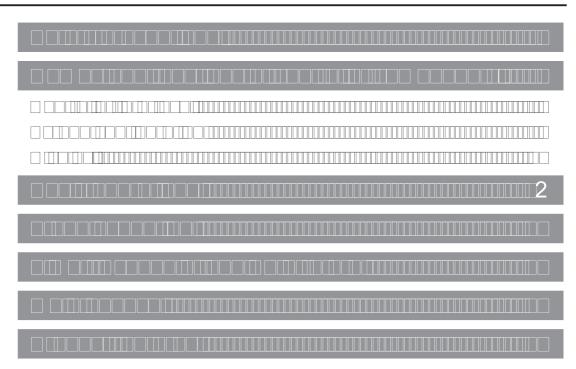


Prior to use, thoroughly read the instructions in this manual to use the product correctly. Retain this manual for future reference.

Make sure that the CD-ROM, this manual, and Installation Manual are passed on to any future users.

To ensure safety and proper operation of the remote controller, the remote controller should only be installed by qualified personnel.

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				1



 Thoroughly read the following safety precautions before using the unit. Observe these precautions carefully to ensure safety. 							
≜WARNING							
∴ CAUTION							
After reading this manual, page 1. After reading this manual, page 2. After reading this manual, page 3. After readi	ass it on to the end user to retain for future reference.						

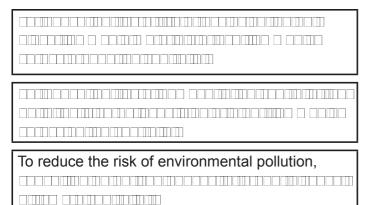
- Keep this manual for future reference and refer to it as necessary. This manual should be made available to those who repair or relocate the controller. Make sure that the manual is passed on to any future users.
- For information not contained in this booklet, please refer to the Instruction Book on the CD-ROM that is supplied with the Remote Controller.

General precautions

when the unit is turned on.

Ochicial procautions	
<u></u>MARNING	
Do not install the unit in a place where large amounts of oil, steam, organic solvents, or corrosive gases, such as sulfuric gas, are present or where acidic/alkaline solutions or sprays certain components of the unit to corrode, which	stop the operation and cover the controller. the operation and switch off the power supply
not wash the controller with water or any other	stop the operation, turn off the power switch, and
touch other electrical parts with wet hands.	Properly install all required covers to keep accumulation and water can cause electric shock,
When disinfecting the unit using alcohol, ventilate	

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malfunctions, do not touch the touch panel with a

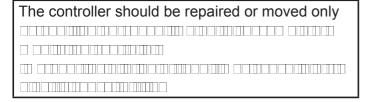
avoid contact with sharp edges of certain parts.

To avoid injury from broken glass, do not apply excessive force on the glass parts.

To reduce the risk of injury, wear protective gear when working on the controller.

Relocation and repairs

MARNING



MCAUTION

or malfunction, do not touch the circuit board with tools or with your hands, and do not allow dust to

Additional precautions

To avoid damage to the controller, use

This controller is designed for exclusive use with
Electric. The use of this controller for with other

To avoid damage to the controller, provide

To avoid damage to the controller, do not overtighten the screws.

To avoid discoloration, do not use benzene,

To clean the controller, wipe with a soft cloth soaked in water with mild detergent, wipe off the detergent with a wet cloth, and wipe off water with

The CD-ROM that is supplied with Smart ME Controller

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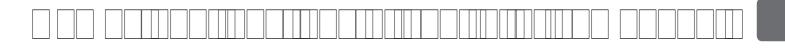
The CD-ROM can only be played on a CD-drive or a DVD-drive. Do not attempt to play the CD-ROM on an audio CD player as this may damage your ears and/

The CD-ROM that is supplied with the Smart ME Controller contains an Installation Manual and Instruction

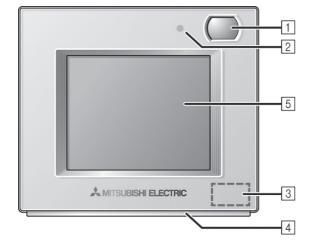
Each document is in PDF format.

Viewing documents requires a computer with Adobe and an analy and analy and an analy and analy analysis.

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1 Occupancy Sensor

The occupancy sensor detects vacancy for energy-save

2 Brightness Sensor

energy-save control.

3 Temperature & Humidity Sensor

The sensor detects the room temperature and the relative

4 LED Indicator

when units are stopped, and blinks when an error occurs.

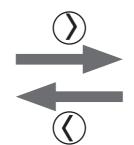
5 Touch panel & Backlit LCD

The touch panel shows the operation settings screen.

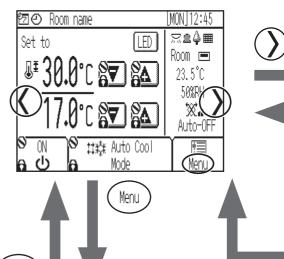
backlight on, and it will stay lit for a predetermined period of

General equipment	(2/4)	
D005 Heater 1	ON	
D006 Heater 2	OFF	
D007 Humidifier	ON	
D008 Fan	OFF	
▼	A	

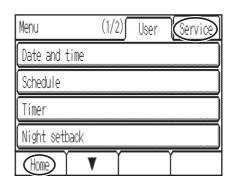
This screen will not appear if no Advanced HVAC CONTROLLERs





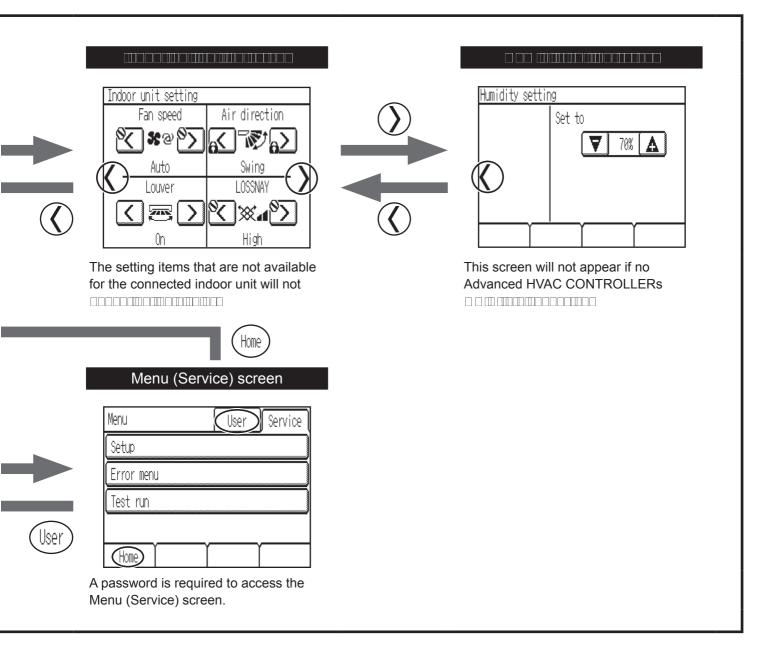


Home

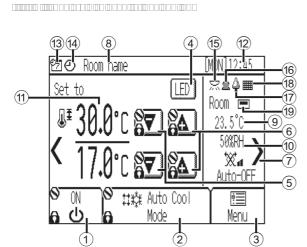


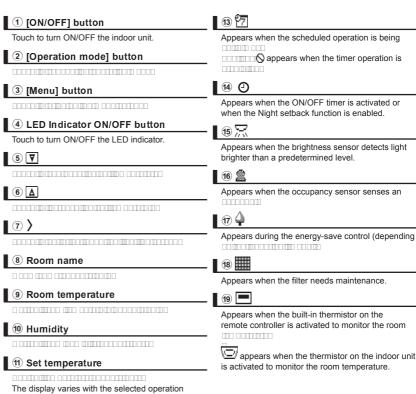






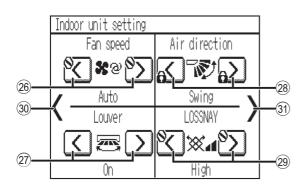
Home screen





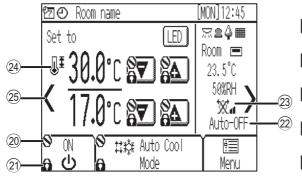
Day and time

Indoor unit setting screen





Advanced



20 (5

Appears when the operation is centrally controlled.

21 6

Appears when the operation is locked.

22 Auto-OFF display

Appears when the Auto-OFF timer is activated.

| 23 1X₁₁

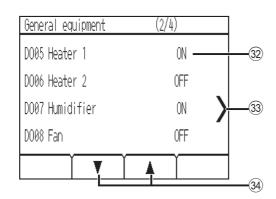
Indicates the interlocked LOSSNAY unit (ventilator) setting.

24) [13

Appears when the set temperature range is restricted.

25 (

General equipment screen



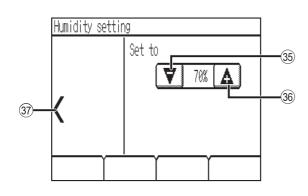
32 AHC input/output status

The input and output status of the general equipments connected to Advanced HVAC CONTROLLER (AHC)

33 >

34 ▼ 🛦

Humidity setting screen



35

36 ▲

37 4



Operation mode icons



Turning on and selecting operation mode

The LED indicator will light up. LOSSNAY units that are interlocked with indoor units will also turn on.

2 [Operation mode]



- ☐ Operation modes that are not available for the connected indoor unit will not appear on the display.
- *2 Depending on the indoor unit model, either one or two set temperatures (single or dual set point(s)) can be set for Auto

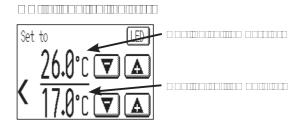
Set temperature

* Touching the button once will change the set temperature by 0.5°C, 1.0°C, 1°F, or 2°F, depending on the indoor unit model and

	19°C–35°C/67°F–95°F □				
Cool/Dry					
	4.5°C–28°C/40°F–83°F □				
	19°C−28°C/67°F−83°F □□2				
	a sound of the first continuous				
Fan					

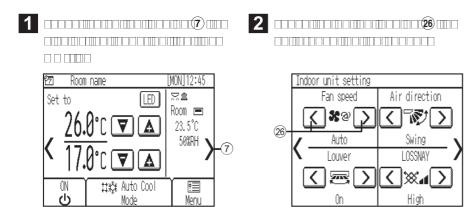
- *1 The settable temperature ranges vary, depending on the indoor unit model.
- *2 The set temperature for Auto mode (either single or dual set point(s)) will appear depending on the indoor unit model.
- *3 The same values are used for the set temperature for Cool/Dry mode and the cooling set temperature for Auto mode (dual set points). Likewise, the same values are used for the set temperature for Heat mode and the heating set temperature for
- *4 The cooling and heating set temperatures can be set under the following conditions.
 - The cooling set temperature is greater than the heating set temperature.
 - The difference between the cooling and heating set temperatures is equal or greater than the minimum temperature difference that varies with the indoor unit model.
- *5 Restrictions for the set temperature range will apply, if any. If the setting value is outside of the range, a message "Temp. range locked" will appear. Refer to the remote controller Instruction Book for details.

Set to LED A

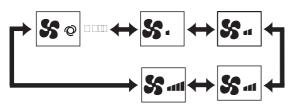


For information on Auto (dual set points) control, refer to the

Fan speed



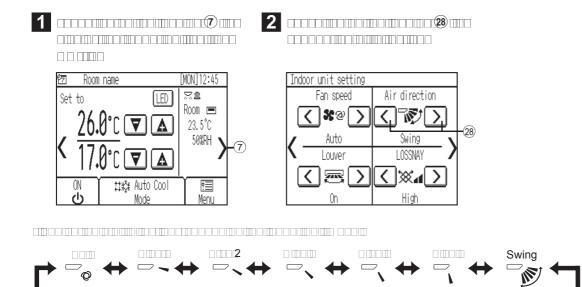
* The number of available fan speeds depends on the indoor unit model.



The actual fan speed will differ from the fan speed displayed on the LCD when one of the following conditions is met.

- · While "Standby" or "Defrost" is displayed
- When the room temperature is higher than the set temperature during
- Immediately after the heating operation (during stand by for switching
- · During the Dry mode

Air direction



The actual air direction will differ from the air direction displayed on the LCD when one of the following conditions is met.

- · While "Standby" or "Defrost" is displayed
- When the room temperature is higher than the set temperature during the heating mode
- Immediately after the heating operation (during stand by for switching the operation mode)

Automatic cooling/heating operation

When the room temperature rises above the set temperature, cooling operation starts. When the room temperature drops below the set temperature, heating operation starts.

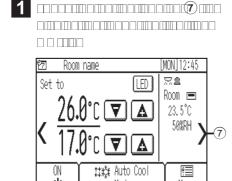
When the room temperature rises above the cooling set temperature, cooling operation starts. When the room temperature drops below the heating set temperature, heating operation starts.

- 1 [ON/OFF]
- 2 [Operation mode]
- * If "Cool/Heat display" in the initial settings is set to "Show," the current operation mode "Cool" or "Heat" will be

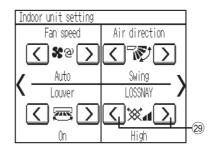
LOSSNAY unit (ventilator) operation

<When performing an interlocked operation of the LOSSNAY unit with the indoor unit>
QN/OFF

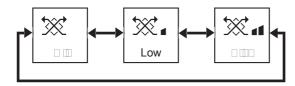
<When operating the LOSSNAY unit individually>







* Indoor unit fan may operate even when the LOSSNAY unit is operated individually, depending on the models of the indoor unit





Reset

[Error information] Error code 5101 ΙC Error unit Address 001

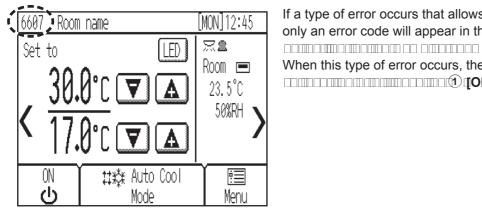
0-12-345-6789

Tel

will appear.

The phone number will appear only if the information has been





If a type of error occurs that allows the units to continue their operation, only an error code will appear in the schedule display area (enclosed in

When this type of error occurs, the LED indicator will not blink.

Menu (1/2) User Service	> Timer	Menu > Settings	(3/3) Menu					

Menu (1/2) User Service	> Timer	Menu	> Settings	(3/3)	Menu
Date and time	ON/OFF timer		Auto return		
Schedule	Auto-OFF timer				
Timer					
Night setback					
Home ▼ ↑	Back		Back	\wedge	

Timer

- ON/OFF timer
 Operation ON/OFF times can be set in 5-minute increments.
- Auto-OFF timer
 Auto-OFF timer is a type of timer used to stop the operation of units in a set amount of time. □
 Auto-OFF time can be set to a value from 30 to 240 minutes in 10-minute increments.

Schedule

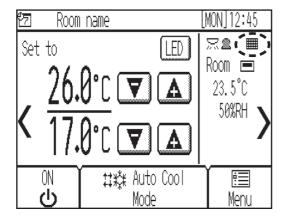
Operation ON/OFF times, operation modes, and set temperatures for a week can be scheduled.

Auto return

The set temperature will return to the specified temperature after the specified time period. The time period can be set to a value from 10 to 120 minutes in 10-minute increments.

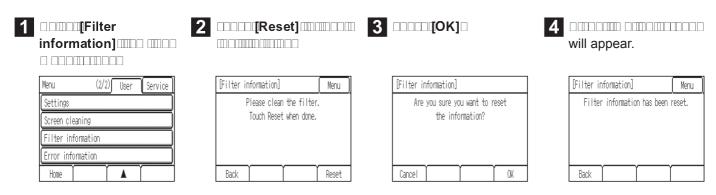


Filter information



will appear on the Home screen when it is time to clean the filters on

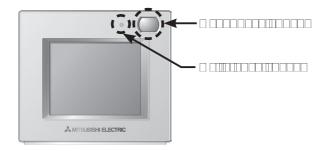
Resetting the filter sign



- Make sure to clean the filters before resetting filter sign.
- When the filter sign is reset, the cumulative operation time of all the connected units will be reset.
- If two or more indoor units of different models are connected, the filter sign will appear when a filter on one of the indoor units
- The filter sign is scheduled to appear after a certain duration of operation, based on the premise that the indoor units are installed in a space with standard air quality. Depending on the air quality, the filter may require more frequent cleaning.



■ Energy-save control with the use of the built-in occupancy sensor



- Energy-save control will be performed when the occupancy sensor detects vacancy.
- When the occupancy sensor detects no human movement for a certain period of time, this will be regarded as the vacancy.
- One of the following energy-save controls can be used at a time.

Energy-save control	Control when vacancy is detected			
ON/OFF	The unit will be turned off.			
	The set temperature will be offset.			
Fan speed down	The fan speed will be set to "Low."			
	The unit will go into the Thermo-off state.			

•	Energy-save control	can be st	topped ac	ccording to	the brightness	level o	detected I	by the I	brightness	sensor.

LED Indicator



- blinking with different colors and brightness (High/Low), or by turning
- Indicator colors: Blue, Light blue, Purple, Red, Pink, Orange, Yellow,

	(three different levels).	
Energy-save control is being		
	Inverts the brightness (High/Low) twice.	
	Inverts the brightness (High/Low).	

		0°C-21°C (32°F-69°F)
Yellow	Fan	21.5°C–26°C (70°F–79°F)
		26.5°C-40°C (80°F-104°F)
	Energy-save control is in effect that has been performed when the occupancy sensor detected vacancy.	

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential

accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

commercial and light-industrial environment.

The product at hand is based on the following EU regulations:

- Electromagnetic Compatibility Directive 2004/108/EC
- Restriction of Hazardous Substances 2011/65/EU