

2-2. Smart ME Controller [PAR-U02MEDA]



- Smart ME Controller is a remote controller designed to control Mitsubishi Electric's air conditioning units and also allows for the control of other manufacturer's products connected via Mitsubishi Electric's AHC (Advanced HVAC CONTROLLER).
- It can control up to sixteen indoor units and one AHC.
- Smart ME Controller features such basic functions as operations and monitoring of air conditioning units and schedule-control functions and is equipped with four built-in sensors (temperature, humidity, occupancy, brightness), which enable an integrated control of the system, including the humidifiers and ventilation units connected to the system via AHC, to help create a comfortable environment. When the built-in occupancy sensor detects vacancy in a specific zone, the controller uses its internal function to reduce energy-consumption.

■ Functions

1. Operation/Display

○:Each group X:Not available

Item	Description	Setting	Display
ON/OFF	Switches between ON and OFF.	○	○
Operation mode switching	Switches among Cool/Dry/Fan/Auto/Heat. *Available operation mode varies depending on the model.	○	○
Room temp. setting	The temperature can be set within the following range. Cool/Dry: 19°C - 35°C/67°F - 95°F Heat: 4.5°C - 28°C/40°F - 83°F Auto (single set point): 19°C - 28°C/67°F - 83°F Auto (dual set points) [Cool] Same as the set temp. range for Cool mode. [Heat] Same as the set temp. range for Heat mode. * Set temperature range varies depending on the model.	○	○
Fan speed setting	Changes fan speed. * Available fan speeds vary depending on the model.	○	○
Air flow direction setting	Changes airflow direction. * Available airflow directions vary depending on the model.	○	○
Louver setting	Switches between louver ON/OFF. * Available Louver setting vary depending on the model.	○	○
Ventilation equipment control	Interlocked setting and interlocked operation setting with the City Multi LOSSNAY units can be made. The Stop/Low/High settings of the ventilation equipment can be controlled.	○	○
Backlight	Touching the screen turns the backlight on. It will stay lit for the amount of time that was specified on the MENU screen.	○	○
Clock display	Date (year/month/day) and time (hour/minute) can be set. The set time as well as the day of the week will be displayed on the Home display. The clock can be displayed in 12-hour format (AM/PM before or after the time) and 24-hour format.	○	○
Daylight saving	Sets the daylight saving time period.	○	○
Room temp. / humidity display	Displays the room temperature and humidity on the Home display.	—	○
Error information	When an error occurs, an error code and the unit address appear. Contact number can be set to appear when an error occurs. (The information above needs to be entered on the Service menu.)	—	○
Filter information	A filter sign will appear when it is time to clean the filter.	—	○

2. Schedule and timer setting

○:Each group X:Not available

Item	Description	Setting	Display
Schedule (Weekly timer)	Weekly ON/OFF times, operation mode, and set temperatures can be set. • Time can be set in 5-minute increments. Up to 8 schedule patterns can be set per day of the week. * Not valid when the ON/OFF timer is set.	○	○
Timer	ON/OFF timer Turns ON and OFF daily at a set time. • Time can be set in 5-minute increments. • It is also possible to set the ON time only or the OFF time only. Auto-OFF timer Turns off the unit after a certain period of operation. • Operation time can be set to a value from 30 to 240 in 10-minute increments.	○	○
Night setback	The temperature range and the start/stop times can be set.	○	○

3. Energy-save control assist function

○:Each group X:Not available

Item	Description	Setting	Display
Energy-save control during vacancy	When vacancy is detected by the occupancy sensor, the energy-save control assist function is activated. Four control types are available for selection: ON/OFF/Set temperature/Fan speed/Thermo-off. The brightness sensor can be used in conjunction with the occupancy sensor to detect the occupancy/vacancy status more accurately.	○	○

4. Restriction settings

○:Each group X:Not available

Item	Description	Setting	Display
Allows/disallows local operation	The following operation can be prohibited by making certain settings on the centralized controller: ON/OFF, operation mode setting, temperature setting, fan speed, air direction, and filter sign reset. * While an operation is prohibited, the operation icon lights up.	X	○
Operation lock	The following operation can be prohibited respectively: ON/OFF, operation mode setting, temperature setting, and airflow direction setting.	○	○
Temperature range restriction	The room temperature range for each operation mode can be restricted.	○	○
Auto return	The units operate at the preset temperature after a designated period. (Time can be set to a value from 10 to 120 in 10-minute increments.) * Not valid when the temperature setting range is restricted.	○	X
Password	User password (required for schedule setting etc.) and Service password (required for test run and function setting etc.) can be set.	○	X

5. AHC control functions

○:Each group X:Not available

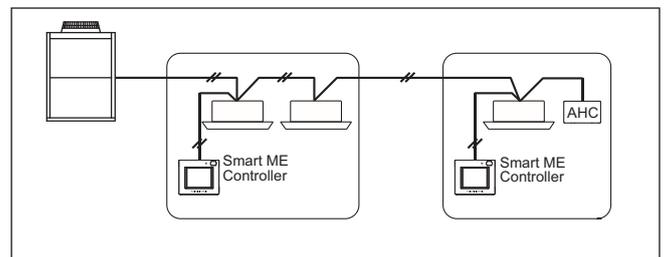
Item	Description	Setting	Display
Status monitor	Displays the status of general equipments connected to the AHC.	X	○
Humidity setting	Sets the humidity level in 1% increments for the humidifier connected to the AHC, if any.	○	○

6. Miscellaneous items

○:Each group X:Not available

Item	Description	Setting	Display
Language Selection	Select the display language from the following 8 languages. English, French, Spanish, German, Italian, Russian, Portuguese, and Swedish.	○	○
Service	Contains Set up and Test run.	○	○

■ System example



■ External dimension

