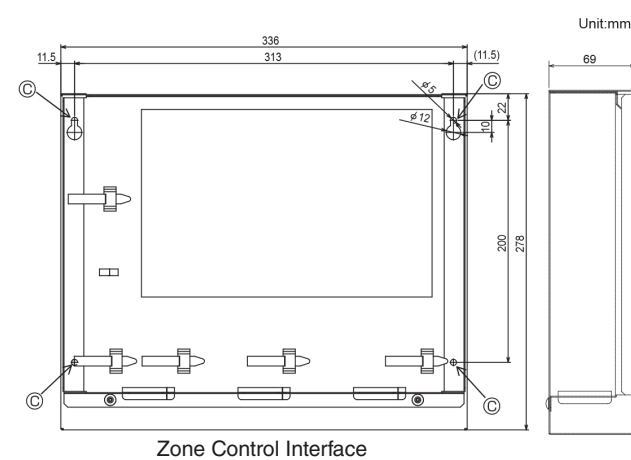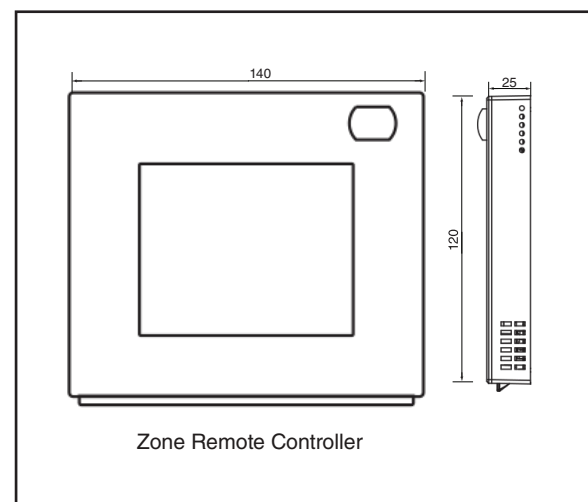## System Components

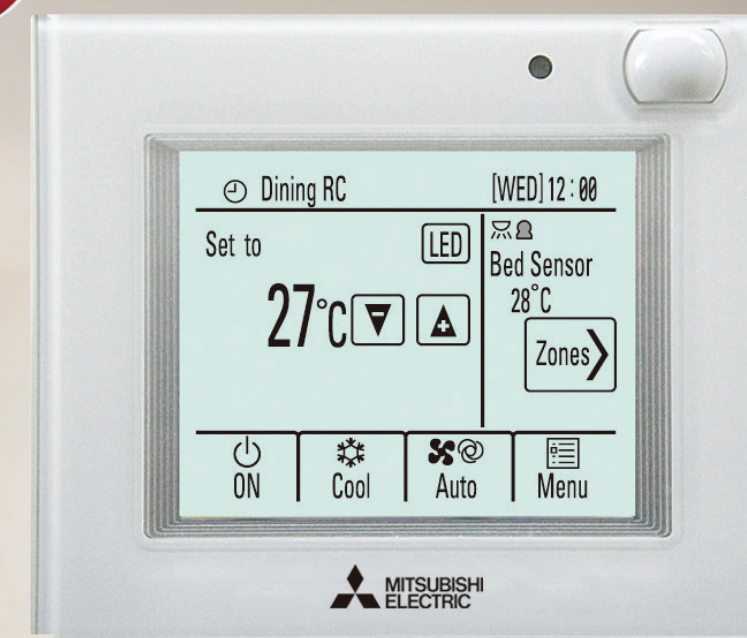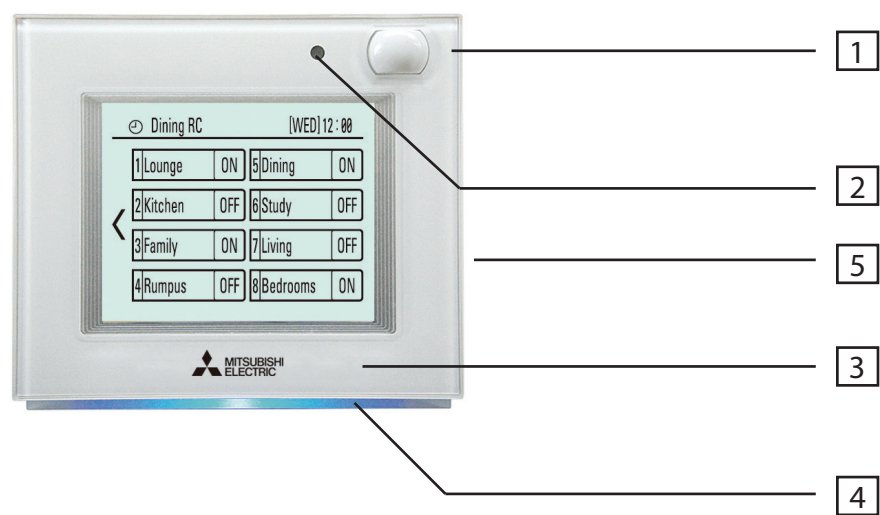| Parts | Specification |
|---|---|
| Zone controller | Make sure the correct zone controller is selected from the following 4 models.<br>Maximum 4 of 240 V AC damper motor connecting type :PAC-ZC40H-E<br>Maximum 8 of 240 V AC damper motor connecting type: PAC-ZC80H-E<br>Maximum 4 of 24 V AC damper motor connecting type: PAC-ZC40L-E<br>Maximum 8 of 24 V AC damper motor connecting type: PAC-ZC80L-E |
| Zone remote controller | Maximum 2 remote controllers can be connected.<br>1 remote controller is included in the zone controller.<br>If you would like to use 1 more remote controller, use the optional part:PAR-ZC01ME-E |
| Temperature sensor | For the air conditioner control, you can use 5 temperature sensors maximum as follows.<br>Intake air temperature sensor  in the indoor unit.<br>Temperature sensor in the main remote controller.<br>Temperature sensor in the sub remote controller.<br>Optional temperature sensor 1:PAC-SE41TS-E<br>Optional temperature sensor 2:PAC-SE41TS-E<br>They can be assigned to each of the zones. |
| Damper motor<br>(LOCALLY SUPPLIED) | Only drive open, drive close damper motor can be connected. (Spring motor damper can not be used.)<br>If you use 24 V AC motors, ensure the transformer is adequately sized for the zone motors connected and is suitable for the installation conditions. |

Unit:mm

## External Dimension



Zone Remote Controller

Unit:mm



Zone Control Interface



# MITSUBISHI ELECTRIC

**MitsubishiElectric.com.au**

## Air Conditioning Systems
### Product Flyer

**NEW PRODUCT**

# ZONE CONTROLLER

# NEW ZONE CONTROLLER



|1|
|2|
|5|
|3|
|4|

### ① Occupancy Sensor

The occupancy sensor detects vacancy for energy-save control.

### ② Brightness Sensor

The brightness sensor detects the brightness of the room for energy-save control.

### ③ Temperature Sensor

The sensor detects the room temperature.

### ④ LED Indicator

The LED indicator indicates the operation status in different colors.
The LED indicator lights up during normal operation, lights off when units are stopped, and blinks when an error occurs.

### ⑤ Touch panel & Backlit LCD

The touch panel shows the operation settings screen. When the backlight is off, touching the panel turns the backlight on, and it will stay lit for a predetermined period of time.

Mitsubishi Electric introduces the Zone Controller that has the ability to control 4 or 8 zones. The Zone Remote Controller allows monitoring and operating of the air conditioning unit and zones, schedule operation of unit and zones also available. It is equipped with three built-in sensors (temperature, brightness & occupancy) which allows for comfortable air environment and also helps to reduce energy consumption.



## Easy Operation

• Backlight LCD and large display for high visibility and simple operation.
• Touch panel LCD for easy usage.
• LED light indicator indicates the operation status in different colours.(eg. Red:Heat, Blue: Cool etc.)
• Built-in temperature sensor detects the room temperature and displays it on the screen.
• Built-in occupancy sensor detects a person and operates the units accordingly.
• Built-in brightness sensor operates the units according to the surrounding brightness level.

## Energy Save Functions

The built-in occupancy sensor helps to save energy.
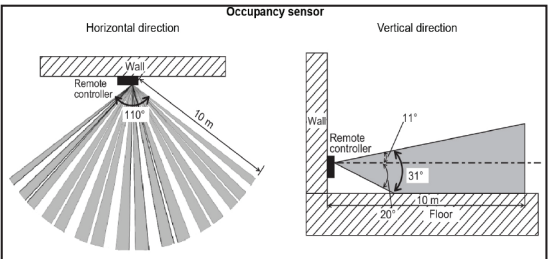


| Energy-save control mode | Control when vacancy is detected |
|---|---|
| Non-use | – |
| ON/OFF | The unit will be turned off. |
| Set temperature offset | The set temperature will be offset. |
| Fan speed down | The fan speed will be set to "Low." |
| Zones-off | The zones will be off. |

• Energy save control will turn on when the occupancy sensor detects room/area vacancy.
• The occupancy sensor detects the occupancy based on movements and also the temperature difference between the occupant and its surroundings.
• Only one of the energy-saving controls can be used at any time.
• Energy-saving mode can be deactivated according to the lighting level detected by the brightness sensor (e.g. while occupants are sleeping at night.)

## Averaging Sensor Control

Zone Controller allows having 5 sensors in the system (Main RC, Sub RC, Optional Sensor 1, Optional Sensor 2 and indoor unit sensor). Control of the unit is based on averaging of the sensors of the active zones.

## Fan Speed Control

When the fan speed of the unit is set to auto, it will control the fan speed according to the number of opened outlets and the temperature difference between set and space temperature.

## Wi-Fi Control

With the use of optional Wi-Fi interface (MAC-558IF-E) users will be able to control the air conditioners from anywhere via smartphone, tablet or computer.