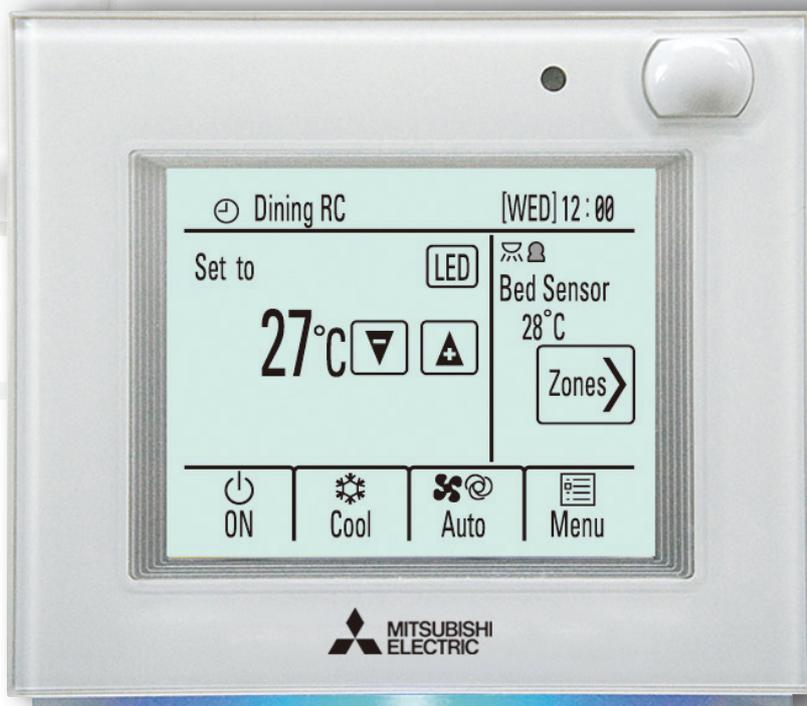




Air Conditioning Systems

ZONE CONTROLLER
PRODUCT FLYER



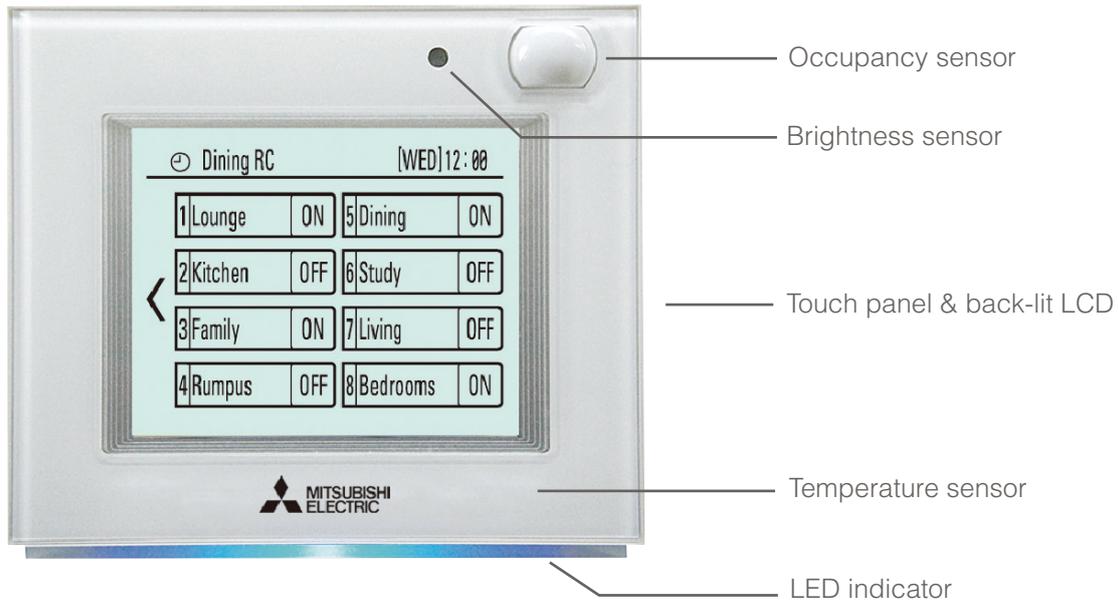
Zone Controller

The Mitsubishi Electric Zone Controller that has the ability to control 4 or 8 zones. The Zone Remote Controller allows monitoring and control of the air conditioning unit and zones. Schedule operation of unit and zones are also available. Equipped with three built-in sensors (temperature, brightness & occupancy) which improves temperature control and assists in reducing energy consumption.



Easy Operation

- » Large touch panel LCD with back lit display for high visibility and simple operation
- » LED light indicator indicates the operation status in different colours (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 unit accordingly
- » Built-in brightness sensor operates the unit according to the surrounding brightness level



Fan Speed Control

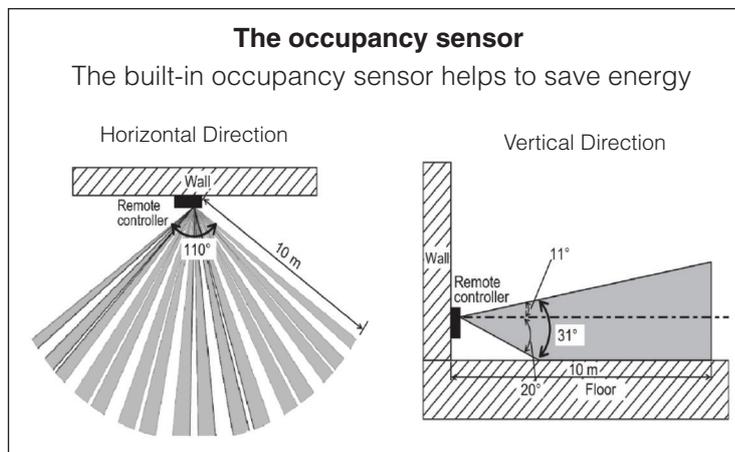
When the fan speed of the unit is set to auto, it will control the fan speed according to the number of opened outlets and the temperature difference between set and space temperature.

Averaging Sensor Control

The Zone controller can have up to 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.

Wi-Fi Control

With the use of optional Wi-Fi interface (MAC - 559IF-E) and active Internet, users will be able to control the air conditioner and zones from anywhere via smart-phone, tablet or computer.



Energy Save Functions

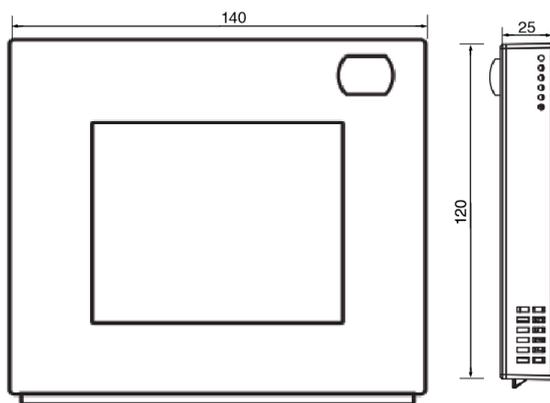
- » Energy save control will turn on when the occupancy sensor detects room/area vacancy.
- » The occupancy sensor detects the occupancy based on movements and also the temperature difference between the occupant and its surroundings.
- » Only one of the energy-saving controls can be used at any time.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

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

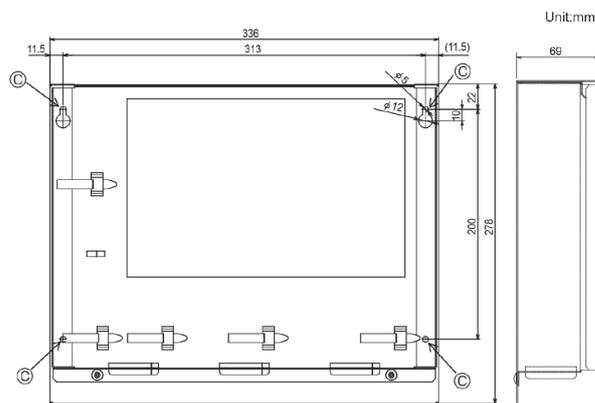
System Components

Parts	Specifications
Zone controller	Make sure the correct zone controller is selected from the following 4 models. » Maximum 4 of 24 V AC damper motor connecting type: PAC-ZC40H-E » Maximum 8 of 240 V AC damper motor connecting type: PAC-ZC80H-E » Maximum 4 of 24 V AC damper motor connecting type: PAC-ZC40L-E » Maximum 8 of 240 V AC damper motor connecting type: PAC-ZC80L-E
Zone remote controller	A maximum of 2 remote controllers can be connected. 1x remote controller is included in the Zone Controller, Additional remote part# : PAR-ZC01M-E
Temperature sensors	A maximum of 5 temperature sensors » Intake air temperature sensor in the indoor unit » Temperature sensor in the main remote controller » Temperature sensor in the sub remote controller » Optional temperature sensor 1: PAC-SE41TS-E » Optional temperature sensor 2: PAC-SE41TS-E They can be assigned to each of the zones
Damper motor (locally supplied)	Only drive open, drive close damper motor can be connected. (Spring motor damper can not be used) If 24 V AC motors are used ensure the transformer is adequately sized for the zone motors connected and ensure it's suitable for the installation conditions.

External dimensions



Zone remote controller



Zone control interface

Compatible Units

PEA-RP***GAA

PEA-RP***WJA

PEA-RP250WHA*

PEAD-RP***JAAD

CITY MULTI indoor units*

PEFY-P***VMH(S)

PEFY-P***VMA

* Units manufactured after January 2015



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