

Job Name: _____

Location: _____

Drawing Reference: _____

Schedule No. _____

System No.: _____

Date: _____

LEV Kit (Third Party DX Coil Controller)

GENERAL FEATURES

The LEV Kit is an interface to allow connection to third party manufacturer equipment. Mitsubishi Electric City Multi outdoor units can be used with this interface box, creating an ideal solution when a unique air handling unit is required. The LEV Kits are supplied with LEV expansion device(s), control panel and sensors.

- Discharge or return air temperature control
- Temperature set point by control 0-10VDC
- Auto mode available for ease of application
- Contact Input to control on/off
- Can be Interlocked with AHU Fan
- Error output
- Error input
- Operation signal output
- IP2X rated (only for internal use)
- Defrost signal output

TECHNICAL SPECIFICATIONS

PAC-AH250M-J

Power Supply: 220~240V 50/60Hz
 External dimension (WxHxD): 328x378(420)x104(122)mm
The figure in () indicates mounting's.

Net weight (kg): 5
 External finish(Munsel No.): Galvanized steel
 Air Handling Unit size: P100, P125
 Reference Air Flow rate (M3/h)*3 ... 2000, 2500

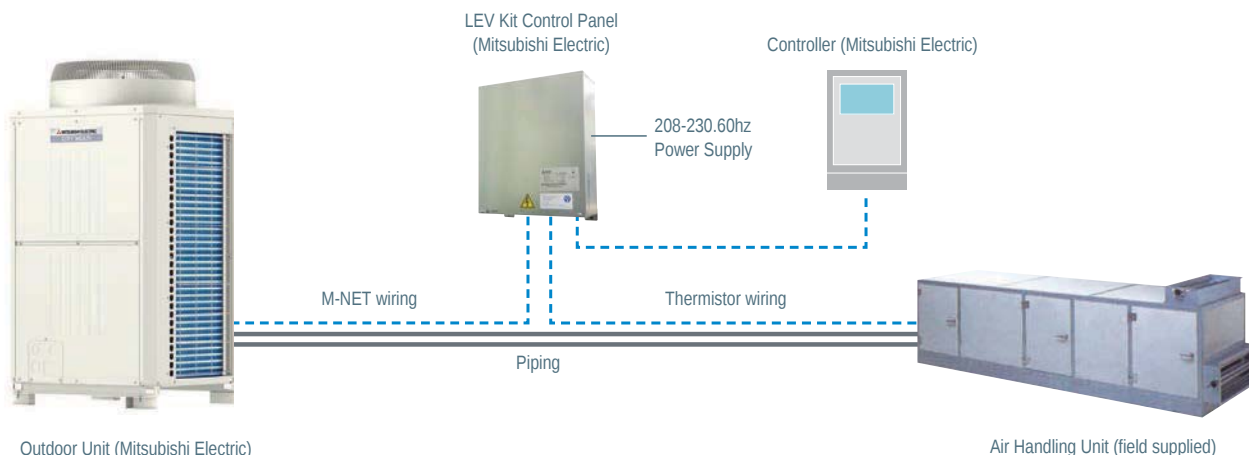
Pipe Size mm(in)

Gas 19.05(3/4"), 22.22(7/8")
 Liquid 9.52(3/8"), 9.52(3/8")

Remote Controller Temperature Setting Range

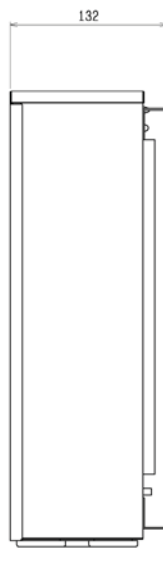
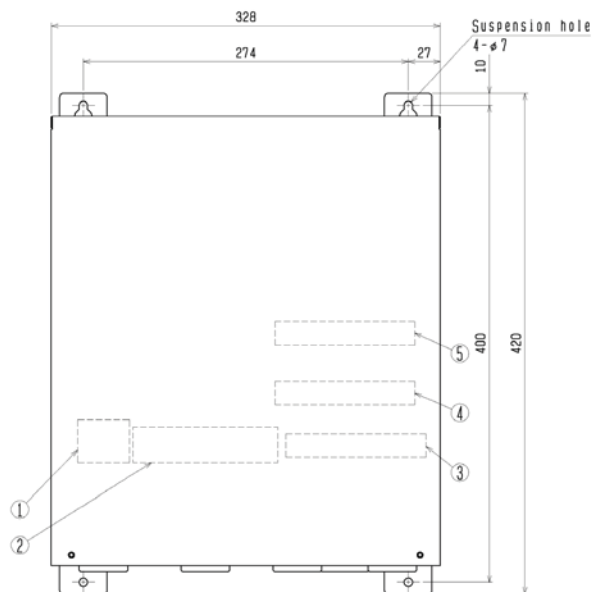
Cooling: 14~30°C
 Heating: 17~28°C
 Auto: 17~28°C

*** Note:** One air handling unit controller is required per air handling unit. Saturated refrigerant temperature at exit of evaporator = 8.5°C, SH = 5K, liquid temperature = 25°C, air = 27°CDB/19°CWB

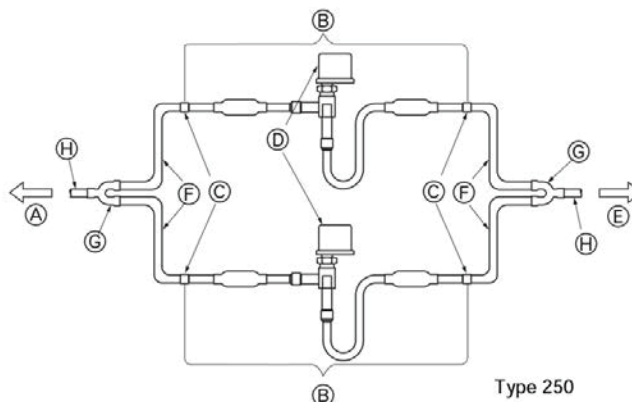
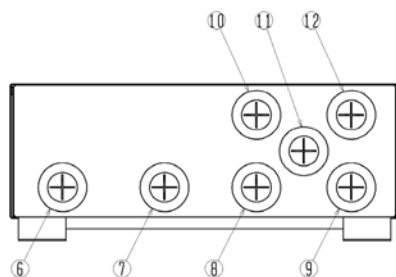


Mechanical aspects

Size / Dimensions (WxHxD)(328x378(420)x104(122)mm)



- Terminal block (Power source) ①
- Terminal block (Operation output, Error output, Fan output, Defrost output) ②
- Terminal block (LEV) ③
- Terminal block (Distant ON/OFF input Level, Error input Level, Thermistor) ④
- Terminal block (Transmission, Remote controller, Analog input) ⑤
- Wiring (Power source, Earth) ⑥
- Wiring (Operation, Error, Fan, Defrost) ⑦
- Wiring (LEV) ⑧
- Wiring (LEV) ⑨
- Wiring (Distant signal, Error signal, Thermistor) ⑩
- Wiring (Spare) ⑪
- Wiring (Transmission, Remote controller, Analog input) ⑫



Type 250

Kit Includes:

Control Panel x 1
LEV(s) x 2
Thermistors x 4
Clips (for mounting Pipe Temperature Thermistors) x 2
Installation manual

- ① Heat exchanger (field supply)
- ② LEV-kit
- ③ Brazing
- ④ Linear expansion valve
- ⑤ Outdoor unit
- ⑥ Refrigerant pipe size ø9.52 (field supply)
- ⑦ Distributor (field supply)
- ⑧ Refrigerant pipe size ø9.52 (field supply)