

# PAC-IF012B-E

## Air Handling Unit Controller

The Air Handling Unit Controllers are an interface to allow connection to third party manufacturer equipment.

Mitsubishi Electric Mr Slim outdoor units can be used with this interface box, creating an ideal solution when a unique air handling unit is required.

- No need for expansion device
- Error, operation and defrost output
- Demand control by analogue or digital inputs (0-10Ω , 4-20mA, 1-5V, 0-10V, Step, Auto-Step)
- Now includes a third thermistor to enable Auto-Step

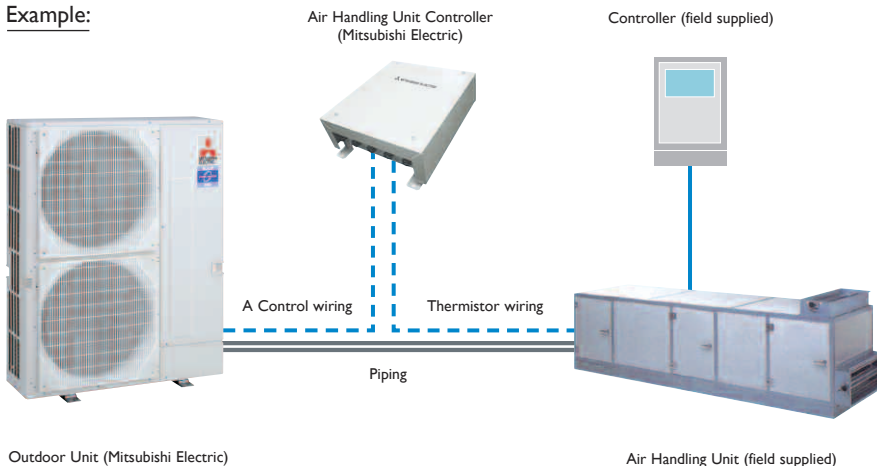


### Technical Information

PAC-IF012B-E		SIZE 35	SIZE 50	SIZE 60	SIZE 71	SIZE 100	SIZE 125	SIZE 140	SIZE 200	SIZE 250
CAPACITY (kW)	Heating (nominal)	4.1	6.0	7.0	8.0	11.2	14.0	16.0	22.4	27.0
	Cooling (nominal)	3.6	5.0	6.0	7.1	10.0	12.5	14.0	19.0	22.0
AUTO STEP	PUHZ-RP	VHA4	VHA4	VHA4	VHA4	VKA/YKA	VKA/YKA	VKA/YKA	YKA	YKA
	PUHZ-P	-	-	-	-	VHA3/YHA	VHA3/YHA	VHA3/YHA	YHA3	YHA3
	SUZ-KA	VA2	VA2	VA2	VA2	-	-	-	-	-
	PUHZ-HRP	-	-	-	VHA2	VHA2/YHA2	YHA2	-	-	-
MANUAL STEP	PUHZ-RP	VHA4	VHA4	VHA4	VHA4	VKA/YKA	VKA/YKA	VKA/YKA	YKA	YKA
	PUHZ-HRP	-	-	-	VHA2	VHA2/YHA2	YHA2	-	-	-
PIPE SIZE (mm)	PUHZ-(H)(R)P	12.7 / 6.35	12.7 / 6.35	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52	28.58 / 9.52	28.58 / 12.7
	Gas / Liquid	9.52 / 6.35	12.7 / 6.35	15.88 / 6.35	15.88 / 9.52	-	-	-	-	-
HEAT EXCHANGER VOLUME (cm <sup>3</sup> )	Max Capacity	1050	1500	1800	2130	3000	3750	4200	6000	7500
	Min Capacity	350	500	600	710	1000	1250	1400	2000	2500
DIMENSIONS (mm)	Width	336	336	336	336	336	336	336	336	336
	Depth	69	69	69	69	69	69	69	69	69
	Height	278	278	278	278	278	278	278	278	278
WEIGHT (kg)		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

**Note:** One air handling unit controller is required per air handling unit  
 Cooling: Indoor 27°C DB/19°C WB, Outdoor 35°C DB/24°C WB  
 Heating: Indoor 20°C DB, Outdoor 7°C DB/6°C WB

### Example:



Outdoor Unit (Mitsubishi Electric)

Air Handling Unit (field supplied)