

Air Conditioning

Product Information

PAC-IF013B-E
Air Handling Unit Controller
for Mr Slim range

Making a
World of
Difference

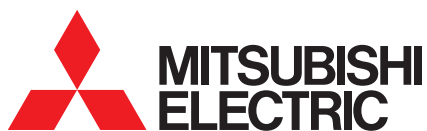
Mr.SLIM™



The Air Handling Unit Controller can interface Mitsubishi Electric Mr Slim outdoor units to third party air handling units. Up to six Mr Slim outdoor units can be used on a single air handling unit providing a wide range of heating and cooling capacities.

Key Features

- Simpler installation due to Mr Slim units being a single source of heating and cooling
- Automatic control by local remote controller, supplied as standard with model PAC-IF013B-E
- BEMS external monitoring and control can be achieved through direct Modbus, digital switches or analogue input
- Intelligent Multiple Outdoor Unit Control (IMOUC) of up to six Mr Slim outdoor units when operated in external manual control, this can include two different capacities or series of Mr Slim outdoor units
- Anti-cycling measures incorporated into the design to extend the life of the outdoor units
- Maximum airflow of up to 5 X standard Mr Slim specification
- Capacity control of up to 11 individual steps ensures high comfort levels
- SD card installed to record history and facilitate software upgrades
- Complete AHU systems incorporating this controller are also available



Air Conditioning | Heating
Ventilation | Controls

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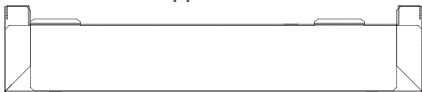
PAC-IF013B-E		SIZE 35	SIZE 50	SIZE 60	SIZE 71	SIZE 100	SIZE 125	SIZE 140	SIZE 200	SIZE 250	
CAPACITY (kW)	Heating (nominal)	4.1	6.0	7.0	8.0	11.2	14.0	16.0	22.4	27.0	
	Cooling (nominal)	3.6	5.0	6.1	7.1	9.5	12.5	13.4	19.0	22.0	
COMPATIBLE O.U.	PUHZ-ZRP	PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100KA2/YKA2	PUHZ-ZRP125KA2/YKA2	PUHZ-ZRP140KA2/YKA2	PUHZ-ZRP200YKA*	PUHZ-ZRP250YKA*	
	PUHZ-P	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PUHZ-P200YKA*	PUHZ-P250YKA*	
	PUHZ-SHW	N/A	N/A	N/A	PUHZ-SHW80VHA	PUHZ-SHW112VHA/YHA	PUHZ-SHW140YHA	N/A	PUHZ-SHW230YKA2	N/A	
PIPE SIZE mm (in)	PUHZ-ZRP/P	Gas	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	28.58 (1 1/8")	28.58 (1 1/8")
		Liquid	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
	PUHZ-SHW	Gas	-	-	-	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	-	28.58 (1 1/8")	-
		Liquid	-	-	-	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	-	12.7 (1/2")	-
HEAT EXCHANGER (cm ²)	Max Volume	>30m	1050	1500	1800	2130	3000	3750	4200	6000	7500
		20m	1350	1800	2700	3030	3900	4650	5100	7800	9300
	10m	1650	2100	3600	3930	4800	5550	6000	9600	11100	
	Min Volume	350	500	600	710	1000	1250	1400	2000	2500	
DIMENSIONS (mm)		Width x Depth x Height	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278
WEIGHT (No Accessories) (kg)			2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg	

Notes: One air handling unit controller is required per outdoor 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.

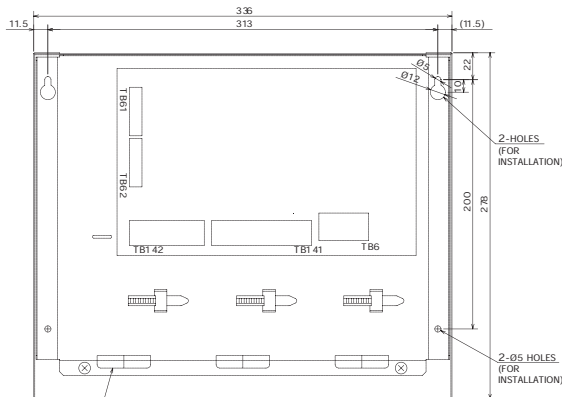
DIMENSIONS

PAC-IF013B-E

Upper View



Front View

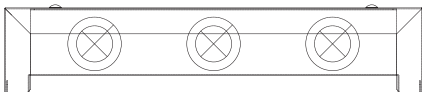


3- ELECTRIC WIRE INLET

Side View



Lower View



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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



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to the environment

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Effective as of April 2015