FTC7 / FTC2BR Flow Temperature Controllers

For use with Ecodan Monobloc Units and Third Party BEMS

The FTC7 Flow Temperature Controller is designed specifically by Mitsubishi Electric to integrate with the Ecodan PUZ monobloc air source heat pump range and a third party cylinder.

The FTC2BR has been developed to allow the Ecodan PUZ-(H)WM range to interface with third party or BEMS (Building Energy Management System) controls. A combination of volt free and voltage inputs allow the Ecodan PUZ-(H)WM monobloc range to be used in applications where only simple on/off and temperature control is required.

Functions that can be controlled and monitored by third party controls:

Controlled
- On/Off heating mode
- On/Off heating ECO mode
- On/Off hot water mode
- On/Off holiday mode
- On/Off legionella mode
- Change water flow temperature

Monitored
- Unit running
- Error
- Defrost

The ability to interface with third party controls opens up a huge number of application opportunities. Many processes simply require a heat source that provides hot water, without polished end user controls. The FTC2BR controller allows the Ecodan PUZ to be used in these applications. FTC2BR inputs and outputs can be used in conjunction with local BEMS.

R290 R32

FLOW TEMPERATURE CONTROLLERS		FTC7 (PAC-IF082B-E)	FTC2BR (PAC-IF033B-E)
COMPATIBILITY	PUZ-WZ50VAA(-BS)	✓	
	PUZ-WZ60VAA(-BS)	✓	
	PUZ-WZ85VAA/YAA(-BS)	✓	
	PUZ-WZ100VAA/YAA(-BS)	✓	
	PUZ-WZ120VAA/YAA(-BS)	✓	
	PUZ-WM50VHA(-BS)	✓	✓
	PUZ-WM60VAA(-BS)	✓	✓
	PUZ-WM85VAA/YAA(-BS)	✓	✓
	PUZ-WM112VAA/YAA(-BS)	✓	✓
	PUZ-HWM140VHA/YHA(-BS)	✓	✓
BUILT-IN FEATURES	Initial Setting Wizard	✓	
	Commissioning Aide	✓	
	Smart Grid Ready	✓	
	PV Connection	✓	
	Energy Monitoring	✓	
	Dual Set-Point DHW	✓	
	Flow Rate Control Logic	✓	
	Quiet Mode	✓	
	Cascade[*1]	✓	
	Hybrid	✓	
MELCloud ENABLED[*2]		✓	
BEMS INTERFACE			✓
DIMENSIONS (MM)	Width	393	336
	Depth	86.7	69
	Height	422	278
WEIGHT (kg)		4.2	3.2
OPERATING AMBIENT TEMPERATURE (°C) / HUMIDITY		0~ +35°C (RH<80%)	0~ +35°C (RH<80%)
ELECTRICAL DATA	Electrical Supply	Via Outdoor Unit or Independent Source (230v)	Via Outdoor Unit or Independent Source (230v)
	Phase	Single	Single

*1 Requires additional optional part PAC-IF082B-E. Please contact your regional sales office technical team.   *2 Requires Wi-Fi interface MAC-587IF-EH.