

PAC-IF033B-E

Ecodan Controller
FTC2BR BEMS Interface



Key Features:

- Building Energy Management System (BEMS) Interface
- Control multiple heating modes
- Manage domestic hot water production
- Activate legionella cycle
- Cohesive system monitoring

Key Benefits:

- Integrate with advanced building services
- Optimise overall system efficiency
- Minimise water and energy consumption
- Easily comply with UK hot water legislation
- Ability to assess the system output



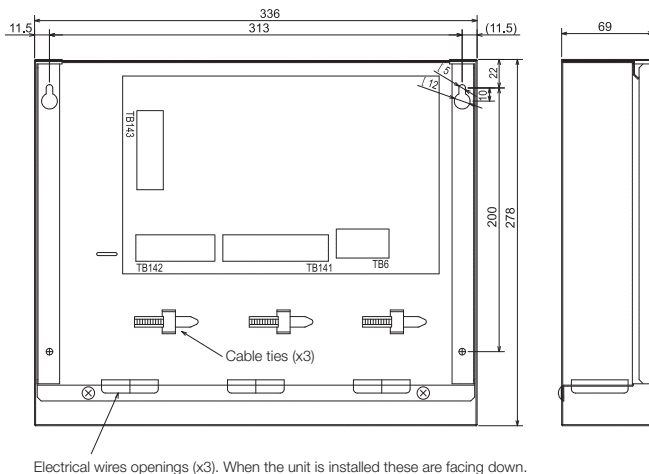
ecodan[®]
Renewable Heating Technology

This controller is suitable for light commercial to commercial type of application where a Building Energy Management System is in place and no cloud nor wifi connectivity is required.

COMPATIBILITY MATRIX	FTC2BR - PAC-IF033B-E
QUHZ-W40VA	
PUZ-WM50VHA(-BS)	●
PUZ-WM60VAA(-BS)	●
PUZ-WM85(V/Y)AA(-BS)	●
PUZ-WM112(V/Y)AA(-BS)	●
PUZ-WM140(V/Y)AA(-BS)	●

INSTALLATION INFORMATION		
FTC2BR POWER SUPPLY	~N 230 V 50 Hz	
FTC2BR INPUT CAPACITY	16 A	
WIRING WIRING NO. x SIZE (mm ²)	FTC2BR - POWER SUPPLY	2 x Min. 1.5
	FTC2BR - POWER SUPPLY EARTH	1 x Min. 1.5
	FTC2BR - OUTDOOR UNIT *2	2 x Min. 0.3
	FTC2BR - OUTDOOR UNIT EARTH	-

DIMENSIONS



WEIGHT

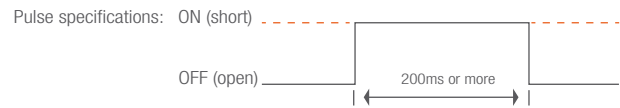
PAC-IF033B-E	2.4kg + ACCESSORIES 0.8kg
ALLOWABLE AMBIENT TEMPERATURE	0 to 35°C
ALLOWABLE AMBIENT HUMIDITY	80% RH or less

OUTPUTS	ITEM
OUT1	Water circulation pump output
OUT2	Booster heater 1 output
OUT3	Booster heater 2 output
OUT4	Immersion heater output
OUT5	3-way valve output
OUT6	Defrost output
OUT7	Error output

INPUTS	ITEM
IN1	Emergency operation input
IN2	Legionella prevention mode input *1
IN3	Flow switch input
IN4	Cooling mode input
IN5	Heating mode input
IN6	Heating ECO mode input *2
IN7	DHW mode input *3
IN8	Holiday mode input
Ana. IN1	Room thermostat input

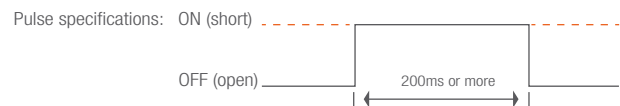
INPUT REQUIREMENT

*1 Input signal: Pulse



*2 Heating ECO mode sets the set temperature depending on the outdoor temperature.

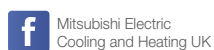
*3 When SW1-1 and SW1-2 are OFF, the mode is switched into auto DHW mode.
Input signal: Pulse



When SW1-1 or SW1-2, or both are ON, the mode is switched into DHW mode.



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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and 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 equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No 626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of February 2021

