Heating | Product Information

MITSUBISHI ELECTRIC

PAC-IF072B-E

Ecodan Controller
FTC6 Standalone Controller

R32

Key Features:

- Smart grid ready
- Step by step installation wizard
- Multiple quiet mode options
- Smart device ready (MELCloud)
- Remote control and monitoring

Key Benefits:

- Store solar energy & benefit from agile tariffs
- Quick and easy system setup
- Tailor the system to user requirements
- Connect your heating to your smart home
- Advanced maintenance and technical support

ecodan®
Renewable Heating Technology

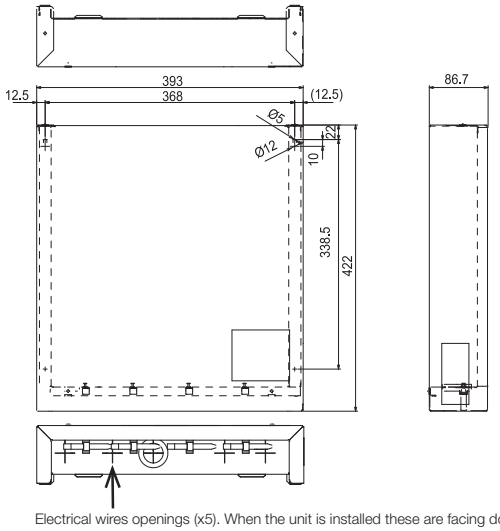
PAC-IF072B-E
Ecodan Controller
FTC6 Standalone Controller

This controller is specifically designed to integrate within consumer homes and connect Mitsubishi Electric Ecodan Heat pumps with third party Domestic Hot Water tank and benefit from all MELCloud services.

COMPATIBILITY MATRIX	FTC6 - PAC-IF072B-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		
FTC (MAIN) POWER SUPPLY		~/N 230 V 50 Hz
FTC (MAIN) INPUT CAPACITY MAIN SWITCH (BREAKER) *1		16 A
WIRING WIRING NO.× SIZE (mm²)	FTC (MAIN) POWER SUPPLY	2 × Min. 1.5
	FTC (MAIN) POWER SUPPLY EARTH	1 × Min. 1.5
	FTC (MAIN) - OUTDOOR UNIT *2	2 × Min. 0.3
	FTC (MAIN) - OUTDOOR UNIT EARTH	-

DIMENSIONS



Electrical wires openings (x5). When the unit is installed these are facing down.

WEIGHT

PAC-IF072B-E	4.1kg
ALLOWABLE AMBIENT TEMPERATURE	0 to 35ºC
ALLOWABLE AMBIENT HUMIDITY	80% RH or less

OUTPUTS	ITEM
OUT1	Water circulation pump 1 output (Space heating/cooling & DHW)
OUT2	Water circulation pump 2 output (Space heating/cooling for Zone 1)
OUT3	Water circulation pump 3 output (Space heating/cooling for Zone 2) *1
	& 2-way valve 2b output *2
OUT4	3-way valve (2-way valve 1) output
OUT5	Mixing valve output *1
OUT6	Booster heater 1 output
OUT7	Booster heater 2 output
OUT8	Cooling signal output
OUT9	Immersion heater output
OUT10	Boiler output
OUT11	Error output
OUT12	Defrost output
OUT13	2-way valve 2a output *2
OUT14	Water circulation pump 4 output (DHW)
OUT15	Comp ON signal
OUT16	Heating/Cooling thermo ON signal
OUTA1	Analog output
BC	Booster heater protection output
BHT	Thermostat for booster heater

Notes: *1 For 2-zone temperature control. *2 For 2-zone valve ON/OFF control.

INPUTS	ITEM
IN1	Room thermostat 1 input *1
IN2	Flow switch 1 input
IN3	Flow switch 2 input (Zone 1)
IN4	Demand control input
IN5	Outdoor thermostat 2 input *2
IN6	Room thermostat 2 input *1
IN7	Flow switch 3 input (Zone 2)
IN8	Electric energy meter 1
IN9	Electric energy meter 2
IN10	Heat meter
IN11	Smart Grid Ready Option 1
IN12	Smart Grid Ready Option 2
INA1	Flow sensor input

Notes:
*1. Set the ON/OFF cycle time of the room thermostat to 10 minutes or more; excessive cycling can potentially reduce the lifetime of the compressor.
*2. If using outdoor thermostat for controlling operation of heaters, the lifetime of the heaters and related parts may be reduced.

MITSUBISHI ELECTRIC
Changes for the Better

Telephone: **01707 282880**
email: **heating@meuk.mee.com**
heating.mitsubishielectric.co.uk

@meuk_les
@green_gateway
Mitsubishi Electric Living Environmental Systems UK
Mitsubishi Electric Cooling and Heating UK
mitsubishielectricuk_les
Mitsubishi Electric Living Environmental Systems UK
BLOG thehub.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880 Fax: 01707 278881
IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland. Telephone: (01) 419 8800 Fax: (01) 419 8890 International code: (003531)

Country of origin: United Kingdom - Japan - Thailand - Malaysia. ©Mitsubishi Electric Europe 2021. Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied subject to the Company's General Conditions of Sale, a copy of which is available on request. Third-party product and brand names may be trademarks or registered trademarks of their respective owners.

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 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

Green Gateway greengateway.mitsubishielectric.co.uk