MITSUBISHI ELECTRIC
Changes for the Better

Heating

Product Information

FTC8 Packaged Indoor Cylinder

Ecodan R290

The new Mitsubishi Electric F Generation FTC8 Packaged Cylinder combines smarter design, improved efficiency and greater installation flexibility. Engineered for the latest Ecodan R290 Monobloc heat pumps, it features a sleek, compact design, a high-efficiency heat pump coil and simplified hydronic layout. With advanced FTC8 controls and enhanced connectivity, it delivers a smarter, more integrated home heating and hot water solution.

Key Features:

- Available in 157L, 207L and 282L capacities
- High-temperature hot water storage up to 70°C
- Max flow temperature up to 75°C
- Smaller, compact footprint
- Latest FTC8 controls, with touch screen controller
- Insulated pipework and hydronic box, reduces heat loss
- New high-efficiency heat pump coil
- Auto-adaptive heating controls
- Simplified installation and servicing features, including improved component accessibility and concealed cabling
- Built-in Multi Function Group with magnetic filter, strainer and automatic air vent
- Compatible with SUZ-WZ R290 Monobloc units only

ecodan®
Renewable Heating Technology

Designed for the latest Ecodan SUZ Monobloc R290 Heat Pumps

R290



FTC8 CYLINDER

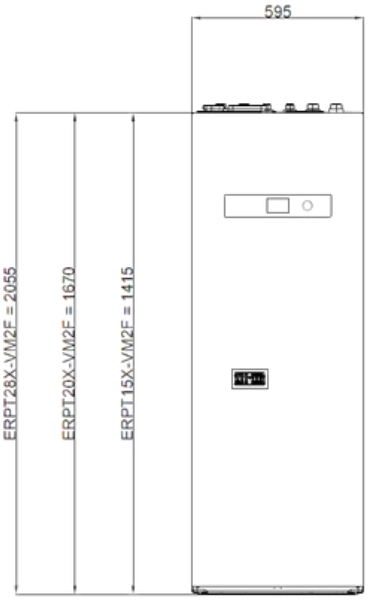
Ecodan R290

Product Information

CYLINDER			ERPT15X-VM2F	ERPT20X-VM2F	ERPT28X-VM2F
NOMINAL HOT WATER VOLUME (LITRES)			157	207	282
HEAT PUMP COMBINATION HEATER - (Average Climate)		ErP RATING	A	A+	A
		Declared Load Profile	L	L	XL
		Hot Water Reference Temperature (°C)	52	52	52
SOUND POWER LEVEL(PWL) (dB)			34	34	34
WATER		Flow Rate (l/min) - WZ 40/60	15 / 21	15 / 21	15 / 21
		Primary Circuit Pump	Modulating Pump		
		Connection Size (inch) Heating / DHW	G1 / G3/4	G1 / G3/4	G1 / G3/4
		Charge Pressure (Mpa (Bar))	0.1(1)	0.1(1)	0.1(1)
WATER SAFETY	Water Circuit	Control Thermistor (°C)	85	85	85
		Expansion Vessel (Primary)(Litres)	12	12	12
		Flow sensor (minimum flow rate)(l/min)	3	3	3
	DHW Cylinder	Control Thermistor (°C)	75	75	75
		Over Temperature Cut-Out (°C)	80 +/-5	80 +/-5	80+/-5
		Temp and Pressure Relief Valve (Mpa (Bar))	1.0(10)	1.0(10)	1.0(10)
DIMENSIONS (mm)		Width	595	595	595
		Depth	595	595	595
		Height	1415	1670	2055
CYLINDER MATERIAL		Cylinder Material	Stainless Steel		
		Insulation Type	EPS (expanded polystyrene)		
ELECTRICAL DATA	Control Board - optionally powered by outdoor unit	Electrical Supply	230v ~, 50Hz	230v ~, 50Hz	230v ~, 50Hz
		Phase	Single	Single	Single
		Fuse Rating - MCB Sizes (A)	10	10	10
	Booster Heater	Electrical Supply	230v ~, 50Hz	230v ~, 50Hz	230v ~, 50Hz
		Phase	Single	Single	Single
		Capacity (kW)	2	2	2
		Max Running Current (A)	9	9	9
		Fuse Rating - MCB Sizes (A)	16	16	16
MECHANICAL ZONES			DHW and 2 Heating Zones		
OPTIONAL WIRELESS THERMOSTAT AND WIRELESS RECEIVER			PAR-WT60R-E Controller and PAR-WR61R-E Receiver		

Notes: Cylinder includes: Flow Temperature Controller (FTC8) with Main Controller and Temperature Sensors, Pumps, Flow Sensor, Booster heater

FTC8 F GEN PACKAGED CYLINDER DIMENSIONS

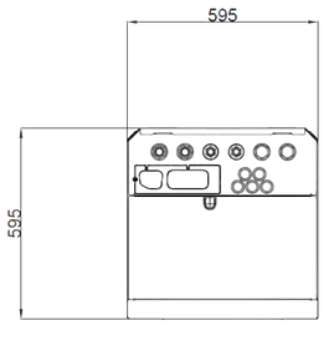


Front View

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Top View



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*Note: Mitsubishi Electric air conditioning and heat pump systems may use different refrigerants depending on the product. R290 (propane) is a non-fluorinated refrigerant, and under the current Regulation (EU) 2024/573, R290 has a GWP100 of 0.02, based on the IPCC Sixth Assessment Report. It was previously assigned a GWP of 3 under the same regulatory framework. Systems using R32 contain a fluorinated greenhouse gas. R32 has a GWP of 675 under Regulation (EU) No 517/2014 (IPCC Fourth Assessment Report). R32 (GWP:675), R410A (GWP:2088), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R515B (GWP:292), R454C (GWP:148), R1234ze (GWP:7) or R1234yf (GWP:4).

Effective as of October 2026