

Heating

Product Information

EHPT15-17X-UKHLCW

FTC5 Pre-plumbed Slimline Cylinders
for Ecodan Monobloc Units

Making a
World of
Difference



Pre-plumbed slimline space heating and domestic hot water cylinder for Ecodan monobloc air source heat pumps

The pre-plumbed slimline cylinder comes complete with integrated hydraulic components and advanced controls.

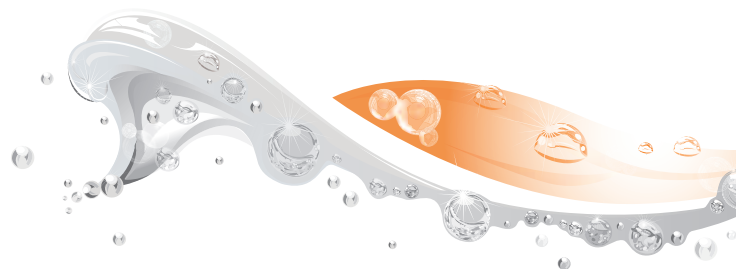
Designed to minimise floor space and footprint whilst still offering optimum performance, the cylinder completely integrates with the Ecodan monobloc air source heat pump range. The slimline cylinder provides improved performance and faster heat up times through the use of plate heat exchanger technology. Fast commissioning via an SD card and energy monitoring functions are now included.

Key Features

- Simple graphical control
- Optional 2-zone energy efficient space heating control
- Compatible with Mitsubishi Electric wireless room controllers
- Pre-plumbed and wired for faster installation
- Hybrid function, for use with conventional boilers
- SD card commissioning
- Energy monitoring as standard



Air Conditioning | Heating
Ventilation | Controls



ecodan[®]
Renewable Heating Technology

ADVANCED CONTROLLER – WITH ENERGY MONITORING

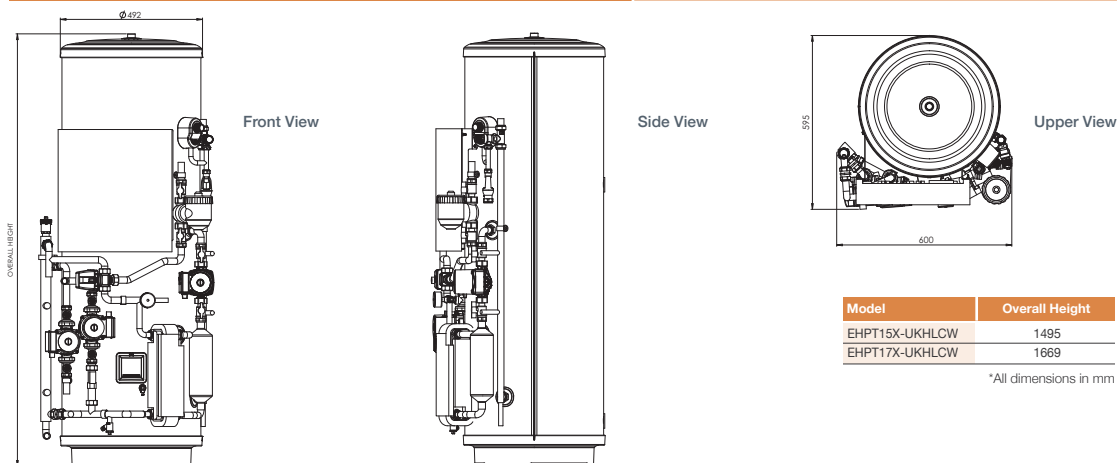


Mitsubishi Electric's fifth generation controller (FTC5) includes intelligent room temperature control as standard. This together with advanced weather compensation ensures the system delivers efficient, comfortable heating regardless of the season. FTC5 now also includes energy monitoring showing consumed and produced energy.

CYLINDER		EHPT15X-UKHLCW	EHPT17X-UKHLCW
NOMINAL HOT WATER VOLUME (LITRES)		150	170
ErP RATING		C	C
HEAT LOSS (kWh/24hrs)		1.45	1.63
HEAT LOSS (W)		60.4	67.9
WATER		14.3 - 25.8 - 32.1	
Flow Rate (l/min) W50 - W85 - W112			
Primary Pump		2 x Grundfos UPS2 15-60	2 x Grundfos UPS2 15-60
Sanitary Hot Water Pump		Grundfos UPSO 15-60 CIL2	Grundfos UPSO 15-60 CIL2
Connection Size (mm) Heating / DHW (mm)		22	22
Primary Expansion Vessel (Litres)		12	18
Charge Pressure (MPa (Bar))		0.35 (3.5)	0.35 (3.5)
Control Thermistor (°C)		1 - 80	1 - 80
Pressure Relief Valve (MPa (Bar))		0.3 (3)	0.3 (3)
Expansion Relief Valve (Cold)		0.8 (8)	0.8 (8)
Control Thermistor		40-70	40-70
High Limit Stat (°C)		Mechanical 80	Mechanical 80
Temp and Pressure Relief Valve (°C) / (MPa (Bar))		90 / 1.0 (10)	90 / 1.0 (10)
WATER SAFETY DEVICES			
Water Circuit	Control Thermistor (°C)	1 - 80	1 - 80
	Pressure Relief Valve (MPa (Bar))	0.3 (3)	0.3 (3)
DHW Cylinder	Expansion Relief Valve (Cold)	0.8 (8)	0.8 (8)
	Control Thermistor	40-70	40-70
DIMENSIONS (mm)			
Width		600	600
Depth		595	595
Height		1495	1669
WEIGHT EMPTY / FULL (kg)		54 / 204	60 / 230
CYLINDER MATERIAL		Stainless Steel	Stainless Steel
Cylinder		Cylinder Material	
Insulation		Insulation Type	
		CFC / HCFC-free flame-retardant expanded Polyurethane	
		Insulation Thickness (mm)	
		50	
		Standing Heat Loss (kWh/24hrs)	
		1.45	
		1.63	
		GWP of Insulation	
		3.1	
		3.1	
		ODP of Insulation	
		0	
		0	
ELECTRICAL DATA			
Control Board <i>optionally powered by outdoor unit</i>	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz
	Phase	Single	Single
Immersion Heater	Fuse Rating - MCB Sizes (A) ¹	10	10
	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz
		Single	
		Single	
		Capacity (kW)	
		3	
		3	
		Max Running Current (A)	
		13	
		13	
		Fuse Rating - MCB Sizes (A) ¹	
		16	
		16	
MECHANICAL ZONES		DHW and 1 Heating Zone ²	
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER		PAR-WT50-E Controller and PAR-WR51-E Receiver	

Cylinder includes: Flow Temperature Controller (FTC5) with Main Controller and Temperature Sensors, Magnetic & Cyclonic Filter, Pumps & Valves for Zone 1 and DHW use, Flow Sensor, Plate Heat Exchanger, Scale Trap, 3kW Immersion Heater and Expansion Vessel.
¹ MCB Sizes BS EN60898-2 & BS EN60947-2 ² Optional 2 zone accessory pack available

DIMENSIONS



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