

EHPT21-30X-UKHDW1L

FTC6 **Standard** Pre-Plumbed Cylinder
For Ecodan R32 Monobloc Units



Key Features:

- Unvented plug & play pre-plumbed DHW cylinder
- Efficient & rapid heating
- Premium quality insulation
- Flexible 2-zone space heating control
- MELCloud enabled

Key Benefits:

- Minimal installation time
- Excellent hot water recovery times
- Reduced heat losses and running costs
- Improved comfort and reduced energy use
- Remote control, monitoring, maintenance and technical support



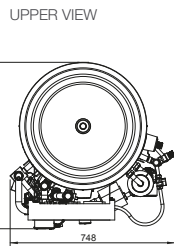
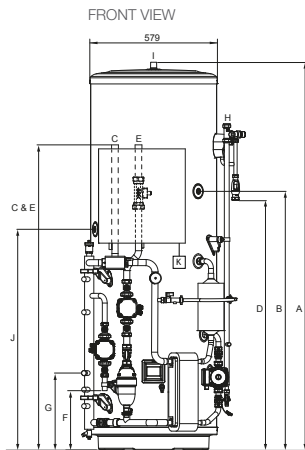
ecodan[®]
Renewable Heating Technology

CYLINDER			EHPT21X-UKHDW1L	EHPT25X-UKHDW1L	EHPT30X-UKHDW1L
NOMINAL HOT WATER VOLUME (LITRES)			210	250	300
ErP RATING			C	C	C
HEAT LOSS (kWh/24hrs)			1.53	1.80	2.09
HEAT LOSS (W)			65	75	86
WATER			Flow Rate (l/min) - WM 60 / 85 / 112 / 140	17 / 24 / 32 / 40	17 / 24 / 32 / 40
			Primary Circuit Pump	Grundfos UPM3L 25-75 130AZA	
			Heating Circuit Pump	Grundfos UPM3 AUTO 25-70 130	
			Sanitary Hot Water Pump	Grundfos UPSO 15-60 CIL2	
			Connection Size (mm) Heating / DHW	28 / 22	28 / 22
			Charge Pressure (MPa (Bar))	0.35 (3.5)	0.35 (3.5)
WATER SAFETY			Water Circuit	Control Thermistor (°C)	80
			DHW Cylinder	DHW Expansion Vessel (Litres)	18
				Control Thermistor (°C)	75
				Over Temperature Cut-Out (°C)	80 +/- 5
				Temp and Pressure Relief Valve (°C) / (MPa (Bar))	90 / 1.0 (10)
				Expansion Relief Valve (Cold) (MPa (Bar))	0.8 (8)
DIMENSIONS (mm)			Width	748	748
			Depth	755	755
			Height	1509	1761
WEIGHT EMPTY / FULL (kg)				68/278	74/324
CYLINDER MATERIAL			Cylinder	Duplex stainless steel	
			Insulation	CFC / HCFC-free flame-retardant expanded Polyurethane	
			Insulation Thickness (mm)	60	60
			GWP of Insulation	3.1	3.1
			ODP of Insulation	0	0
ELECTRICAL DATA			Control Board -	Electrical Supply	220-240v ~, 50Hz
			<i>optionally powered by outdoor unit</i>	Phase	Single
				Fuse Rating - MCB Sizes (A) ^{*1}	16
			Immersion Heater	Electrical Supply	220-240v ~, 50Hz
				Phase	Single
				Capacity (kW)	3
				Max Running Current (A)	13
				Fuse Rating - MCB Sizes (A) ^{*1}	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		

*1 MCB Sizes BS EN60898-2 & BS EN60947-2 *2 Optional 2 zone accessory pack available.

Notes: Cylinder includes: Flow Temperature Controller (FTC6) with Main Controller and Temperature Sensors, Magnetic & Cyclonic Filter, Pumps & Valves for Primary Circuit and Zone 1 and DHW use, Flow Sensor, Plate Heat Exchanger, Scale Trap, 3kW Immersion Heater, Expansion Vessel, Diverter Valve and Low Loss Header.

EHPT21-30X-UKHDW1L DIMENSIONS



All dimensions (mm)

- KEY**
- A OVERALL HEIGHT
 - B SECONDARY RETURN TAPPING
 - C HEAT PUMP FLOW CONNECTION (28mm O/D COPPER)
 - D TUNDISH OUTLET CONNECTION (22mm COMPRESSION)
 - E HEAT PUMP RETURN CONNECTION (28mm O/D COPPER)
 - F HEATING ZONE 1 CIRCUIT FLOW CONNECTION (22mm O/D COPPER)
 - G HEATING ZONE 1 CIRCUIT RETURN CONNECTION (22mm O/D COPPER)
 - H COLD WATER INLET CONNECTION (22mm COMPRESSION)
 - I HOT WATER OUTLET CONNECTION (22mm COMPRESSION / 3/4" BSP M)
 - J THWSA SENSOR POCKET
 - K WI-FI ADAPTOR (INCLUDED, INSTALLER TO LOCATE AND MOUNT)

Capacity	210	250	300
A	1509	1761	2075
B	1050	1175	1385
C	1370	1370	1370
D	880	1136	1450
E	1370	1370	1370
F	270	270	270
G	350	350	350
J	925	1005	1193
K	Installer to locate and mount		



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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).

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