

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



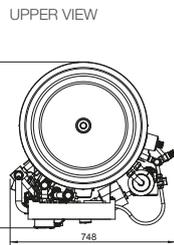
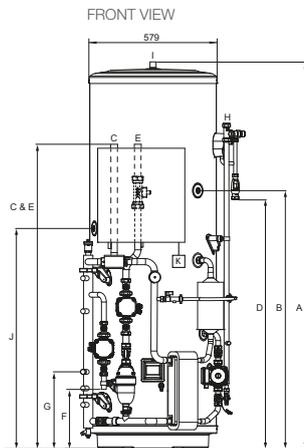
ecodan[®]
Renewable Heating Technology

CYLINDER		EHPT21X-UKHWD1L	EHPT25X-UKHWD1L	EHPT30X-UKHWD1L
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		Control Thermistor (°C)	80	80
		DHW Expansion Vessel (Litres)	18	24
		Control Thermistor (°C)	75	75
		Over Temperature Cut-Out (°C)	80 +/- 5	80 +/- 5
		Temp and Pressure Relief Valve (°C) / (MPa (Bar))	90 / 1.0 (10)	90 / 1.0 (10)
		Expansion Relief Valve (Cold) (MPa (Bar))	0.8 (8)	0.8 (8)
DIMENSIONS (mm)		Width	748	748
		Depth	755	755
		Height	1509	2075
WEIGHT EMPTY / FULL (kg)		68/278	74/324	82/382
CYLINDER MATERIAL		Cylinder Material	Duplex stainless steel	
		Insulation Type	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-UKHWD1L 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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