

EHPT21-30X-UKHDW1L

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

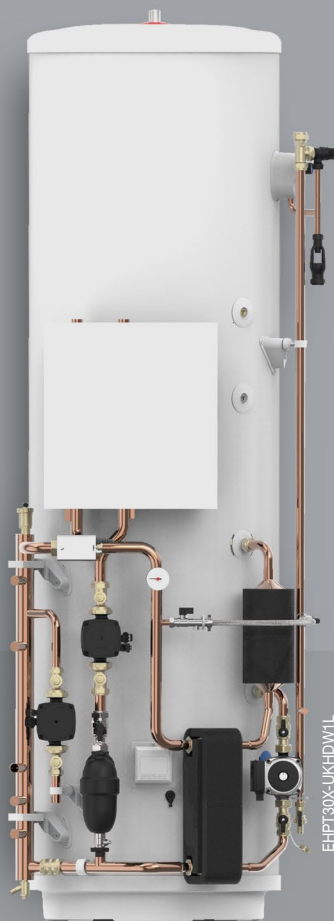
R32

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

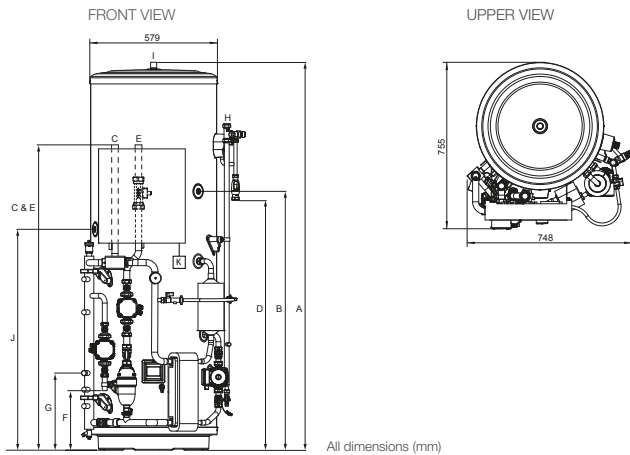
**MELCloud****ecodan**[®]
Renewable Heating Technology

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	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	28 / 22
		Charge Pressure (MPa (Bar))	0.35 (3.5)	0.35 (3.5)	0.35 (3.5)
WATER SAFETY	Water Circuit	Control Thermistor (°C)	80	80	80
		DHW Expansion Vessel (Litres)	18	24	24
	DHW Cylinder	Control Thermistor (°C)	75	75	75
		Over Temperature Cut-Out (°C)	80 +/- 5	80 +/- 5	80 +/- 5
		Temp and Pressure Relief Valve (°C) / (MPa (Bar))	90 / 1.0 (10)	90 / 1.0 (10)	90 / 1.0 (10)
		Expansion Relief Valve (Cold) (MPa (Bar))	0.8 (8)	0.8 (8)	0.8 (8)
DIMENSIONS (mm)					
		Width	748	748	748
		Depth	755	755	755
		Height	1509	1761	2075
WEIGHT EMPTY / FULL (kg)			68/278	74/324	82/382
CYLINDER MATERIAL	Cylinder	Cylinder Material	Duplex stainless steel		
	Insulation	Insulation Type	CFC / HCFC-free flame-retardant expanded Polyurethane		
		Insulation Thickness (mm)	60	60	60
		GWP of Insulation	3.1	3.1	3.1
		ODP of Insulation	0	0	0
ELECTRICAL DATA	Control Board - optionally powered by outdoor unit	Electrical Supply	220-240v ~, 50Hz	220-240v ~, 50Hz	220-240v ~, 50Hz
		Phase	Single	Single	Single
		Fuse Rating - MCB Sizes (A)*1	16	16	16
	Immersion Heater	Electrical Supply	220-240v ~, 50Hz	220-240v ~, 50Hz	220-240v ~, 50Hz
		Phase	Single	Single	Single
		Capacity (kW)	3	3	3
		Max Running Current (A)	13	13	13
		Fuse Rating - MCB Sizes (A)*1	16	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		

*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



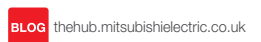
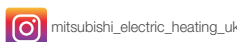
KEY

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 THW5A 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).

Effective as of August 2022

