

# EHPT15-21X-UKHDW1S

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



**MELCloud**



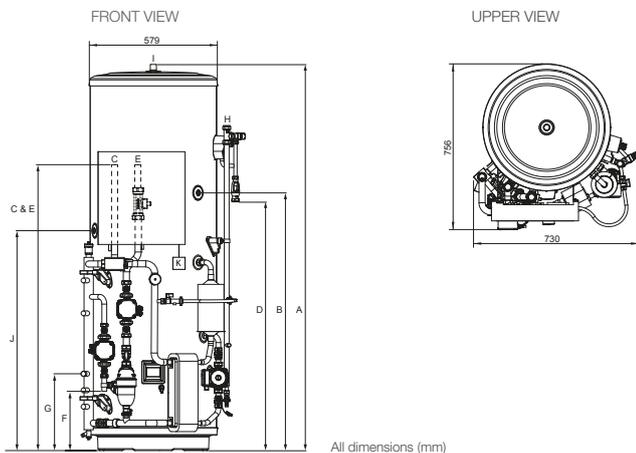
**ecodan**<sup>®</sup>  
Renewable Heating Technology

CYLINDER			EHPT15X-UKHDW1S	EHPT17X-UKHDW1S	EHPT21X-UKHDW1S
NOMINAL HOT WATER VOLUME (LITRES)			150	170	210
ErP RATING			B	B	C
HEAT LOSS (kWh/24hrs)			1.15	1.23	1.53
HEAT LOSS (W)			48	51	64
WATER					
Flow Rate (l/min) - WM 50 / 60 / 85			14 / 17 / 24	14 / 17 / 24	14 / 17 / 24
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			22 / 22	22 / 22	22 / 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 Cylinder					
DHW Expansion Vessel (Litres)			12	18	18
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			730	730	730
Depth			756	756	756
Height			1131	1257	1509
WEIGHT EMPTY / FULL (kg)			55/205	58/228	64/274
CYLINDER MATERIAL					
Cylinder			Duplex stainless steel		
Insulation			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) <sup>1</sup>			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) <sup>1</sup>			16	16	16
MECHANICAL ZONES			DHW and 1 Heating Zone <sup>2</sup>		
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER			PAR-WT50-E Controller and PAR-WR51-E Receiver		

<sup>1</sup> MCB Sizes BS EN60898-2 & BS EN60947-2 <sup>2</sup> 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.

**EHPT15-21X-UKHDW1S DIMENSIONS**



All dimensions (mm)

- KEY**
- A OVERALL HEIGHT
  - B SECONDARY RETURN TAPPING (NOT FITTED TO EHPT15X-UKHDW1S/ EHPT17X-UKHDW1S)
  - C HEAT PUMP FLOW CONNECTION (22mm O/D COPPER)
  - D TUNDISH OUTLET CONNECTION (22mm COMPRESSION)
  - E HEAT PUMP RETURN CONNECTION (22mm 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	150	170	210
A	1131	1257	1509
B	Not Fitted	Not Fitted	1050
C	1122	1122	1122
D	505	630	880
E	1122	1122	1122
F	194	194	194
G	350	350	350
J	675	815	925
K	Installer to locate and mount		



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