

EHPT18-21X-UKHLDWB

Versatile Slimline Cylinders
for Ecodan Monobloc Units



Key Features:

- Unvented, versatile DHW cylinder
- High capacity coil heat exchanger
- Diverter valve accessory supplied
- Advanced Mitsubishi Electric controls installed
- MELCloud Enabled

Key Benefits:

- Versatile product placement
- Maximises heat transfer
- Simplified heating & hot water system installation
- Quality assurance, giving peace of mind
- Remote control, monitoring, maintenance and technical support



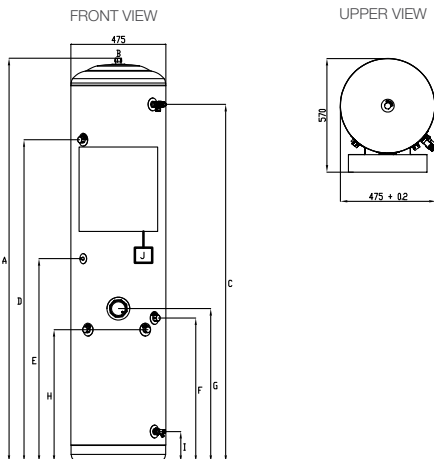
ecodan[®]
Renewable Heating Technology

CYLINDER		EHPT18X-UKHLDWB	EHPT21X-UKHLDWB
NOMINAL HOT WATER VOLUME (LITRES)		180	210
ErP RATING		C	C
HEAT LOSS (kWh/24hrs)		1.72	2.08
HEAT LOSS (W)		72	87
WATER		Flow Rate (l/min) - (H)WM 50 / 60 / 85 / 112 / 140	14 / 17 / 24 / 32 / 40
Primary Circuit Pump			Local supply
Heating Circuit Pump			Local supply
Sanitary Hot Water Pump			N/A
Connection Size (mm) Heating / DHW		22 / 22	22 / 22
Charge Pressure (MPa (Bar))		0.30 (3.0)	0.30 (3.0)
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°C / 7 Bar
		Expansion Relief Valve (Cold) (MPa (Bar))	6 Bar
DIMENSIONS (mm)		Width	475+0.2 ³
		Depth	569.5
		Height	1712
WEIGHT EMPTY / FULL (kg)		50 / 218	50 / 258
CYLINDER MATERIAL	Cylinder	Stainless Steel	
	Insulation	Insulation Type	CFC / HCFC-free Polyurethane
		Insulation Thickness (mm)	50
		GWP of Insulation	1
		ODP of Insulation	0
ELECTRICAL DATA	Control Board - <i>optionally powered by outdoor unit</i>	Electrical Supply	220-240v ~, 50Hz
		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-WT60R-E Controller and PAR-WR61R-E Receiver	

Notes: *1 MCB Sizes BS EN60998-2 & BS EN60947-2. *2 Optional 2 zone accessory pack available. *3 Temperature and Pressure Relief Valve. Cylinder includes: Flow Temperature Controller (FTC6) with Main Controller and Temperature Sensors, Diverter Valve, Coil Heat Exchanger, 3kW Immersion Heater, Expansion Vessel, MELCloud Wi-Fi Interface, Drain Valve, Tundish and Cold Water Combination Valve.

EHPT18-21X-UKHLDWB DIMENSIONS

All dimensions (mm)



Letter	Pipe Description	Connection size/type
A	Overall height	
B	Hot Water Outlet	22mm Compression (3/4" Male BSP)
C	Temperature & Pressure Relief Valve	
D	Secondary Return Tapping	22mm Compression (3/4" Male BSP)
E	THW5A Sensor Pocket	
F	Cold Water Inlet	22mm Compression (3/4" Male BSP)
G	Immersion heater	
H	Heat Pump Flow & Return Coil Connections	22mm Compression (3/4" Male BSP)
I	Drain Valve	22mm Compression (3/4" Male BSP)
J	Wi-Fi Adaptor (Installer to locate and mount)	

Capacity	150	170
A	1712	2025
C	1479	1795
D	N/A	1615
E	864	1020
F	726	726
G	756	769
H	668	668
I	158	158
J	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 May 2023

