

EHPT21-30X-UKHDWB

Versatile Standard 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



MELCloud

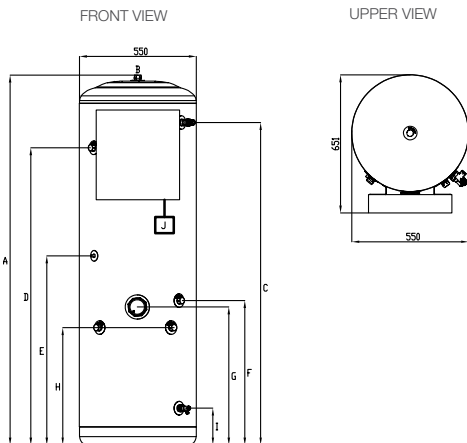


ecodan[®]
Renewable Heating Technology

CYLINDER		EHPT21X-UKHDWB	EHPT25X-UKHDWB	EHPT30X-UKHDWB
NOMINAL HOT WATER VOLUME (LITRES)		210	250	300
ErP RATING		C	C	C
HEAT LOSS (kWh/24hrs)		1.79	2.02	2.24
HEAT LOSS (W)		75	84	93
WATER		Flow Rate (l/min) - (H)WM 50 / 60 / 85 / 112 / 140	14 / 17 / 24 / 32 / 40	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)	85 ± 5
			Temp and Pressure Relief Valve (°C) / (MPa (Bar))	90°C / 7 Bar
			Expansion Relief Valve (Cold) (MPa (Bar))	6 Bar
DIMENSIONS (mm)		Width	550	550
		Depth	651	651
		Height	1495	1745
WEIGHT EMPTY / FULL (kg)			53 / 256	59 / 300
CYLINDER MATERIAL		Cylinder Material	Stainless Steel	
		Insulation Type	CFC / HCFC-free Polyurethane	
		Insulation Thickness (mm)	50	50
		GWP of Insulation	1	1
		ODP of Insulation	0	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. Cylinder includes: Flow Temperature Controller (FTC) 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.

EHPT21-30X-UKHDWB 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	THWSA 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	210	250	300
A	1495	1745	2058
C	1273	1523	1836
D	1150	1400	1600
E	768	893	1050
F	690	690	690
G	584	654	654
H	558	558	558
I	173	173	173
J	Installer to locate and mount		

MITSUBISHI ELECTRIC
Changes for the Better

Telephone: 01707 282880
email: heating@meuk.mee.com
ecodan.co.uk

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UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880 Fax: 01707 278881
IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland. Telephone: (01) 419 8800 Fax: (01) 419 8890 International code: (003531)

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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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