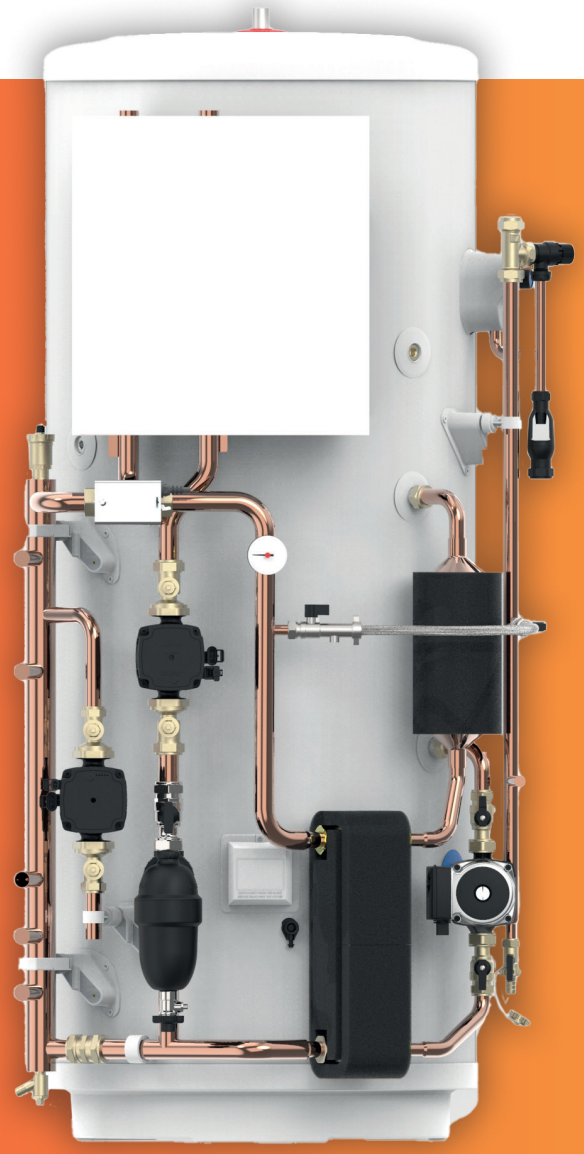
Pre-Plumbed Cylinder Phase 2

A new range of Pre-Plumbed cylinders has been introduced and features more readily available components. This new range offers both standard and slimline variants to suit residential heating applications.

Compatible with Ecodan R32 range of monobloc Air to Water heat pumps



EHPT21X-UKHDW1L

6.0kW & 8.5kW Ecodan are compatible with both variants of 210L cylinder. The 22mm pipework variant is recommended for 6.0kW & the 28mm pipework variant is recommended for 8.5kW.

Scan to view the full range

Key Installation

- Relocated flow and return pipework for more intuitive installation connections
- Commonly available components (pumps, valves, standard connections) to improve component supply chain flexibility
- Improved system performance to refine component design
- Footprint template with each model for easier first fix installation
- Hinged flow temperature controller to optimise component access

Key Features and Benefits

- Unvented plug and play pre-plumbed DHW cylinder will reduce installation time
- Efficient and rapid heating produces excellent hot water recovery times
- Premium quality insulation will reduce heat losses and running costs
- Flexible 2-zone space heating control gives improved comfort and reduced energy use
- MELCloud enabled allows remote control, monitoring, maintenance and technical support

Range Overview

2 x Slimline 22mm piping model: 150L, 170L

3 x Standard 22mm piping models: 150L, 170L, 210L

3 x Standard 28mm piping models: 210L, 250L, 300L

EHPT15X-UKHDW1S (FTC6 Removed)

Key Change Points

- Pipework: Flow and Return Connections located behind FTC6. Flow left handside, Return right handside.
- Heat Pump Circuit Pump: Grundfos UPM3L 25-75 - See table below
- DHW Plate Heat Exchanger hydraulic configuration optimised
- Magnetic filter: Fernox TF1 Sigma
- FTC6 Controller: Hinged to allow access to flow sensor
- Flow Sensor: Compression fitting
- Low Loss header: Includes drain off valve
- Diverter Valve: Honeywell V4044C
- Model codes ending with S = Small = 22mm Pipework
- Model codes ending with L = Large = 28mm Pipework
- Footprint of the PH2 cylinders is different from PH1

Combinations Overview

	SLIMLINE		STANDARD					
	EHPT15XUKHLDW1S	EHPT17XUKHLDW1S	EHPT15XUKHDW1S	EHPT17XUKHDW1S	EHPT21XUKHDW1S	EHPT21XUKHDW1L	EHPT25XUKHDW1L	EHPT30XUKHDW1L
OUTDOOR UNIT								
PUZ-WM50VHA(-BS)	■	■	■	■	■			
PUZ-WM60VAA(-BS)*	■	■	■	■	■	■	■	
PUZ-WM85(V/Y)AA(-BS)**	■	■	■	■	■	■	■	■
PUZ-WM112(V/Y)AA(-BS)						■	■	■
PUZ-HWM140(V/Y)HA(-BS)						■	■	■
Capacity (L)	150	170	150	170	210	210	250	300
Pipework Size (mm)	22					28		

*WM60 compatible with both 210L cylinders; 22mm pipework variant recommended.

**WM85 compatible with both 210L cylinders; 28mm pipework variant recommended.

Pump Overview

Volume (L)	Heat Pump	Heating Zone 1	DHW
EHPT15X-UKHLDW1S	Grundfos UPM3L 25-75 130AZA	Grundfos UPM3 AUTO 25-70 130	Grundfos UPSO 15-60 CIL 2
EHPT17X-UKHLDW1S			
EHPT15X-UKHDW1S			
EHPT17X-UKHDW1S			
EHPT21X-UKHDW1S			
EHPT21X-UKHDW1L			
EHPT25X-UKHDW1L			
EHPT30X-UKHDW1L			

MITSUBISHI ELECTRIC
Changes for the Better

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

@meuk_les
@green_gateway
Mitsubishi Electric Living Environmental Systems UK
Mitsubishi Electric Cooling and Heating UK
mitsubishielectricuk_les
Mitsubishi Electric Living Environmental Systems UK
BLOG thehub.mitsubishielectric.co.uk

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)

Country of origin: United Kingdom - Japan - Thailand - Malaysia. ©Mitsubishi Electric Europe 2020. Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied subject to the Company's General Conditions of Sale, a copy of which is available on request. Third-party product and brand names may be trademarks or registered trademarks of their respective owners.

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 January 2023

Green Gateway greengateway.mitsubishielectric.co.uk