

EHPX-VM2B

Packaged Hydrobox for Ecodan Monobloc Units

Making a
World of
Difference



Packaged hydrobox solution for use with Ecodan monobloc air source heat pumps



Manufactured in the UK

The hydrobox offers a highly adaptable heating solution for retrofit or new build.

Designed specifically by Mitsubishi Electric to integrate with the Ecodan monobloc air source heat pump range and a third party cylinder, the hydrobox provides hydraulic components with advanced simplified graphical user interface and self-learning controls. Fast commissioning via an SD card is now available.

Key Features

- Simple graphical control
- 2-zone energy efficient space heating control
- Sleek modern design
- Compatible with Mitsubishi Electric wireless room controllers
- Pre-plumbed and wired for faster installation
- Bivalent function, for use with conventional boilers
- SD card commissioning
- Cascade function for multiple unit control



Air Conditioning | Heating
Ventilation | Controls



ecodan[®]
Renewable Heating Technology

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SELF LEARNING CONTROLLER



Mitsubishi Electric's fourth-generation controller includes intelligent, self-learning room temperature control as standard. This together with advanced weather compensation ensures the system delivers efficient, comfortable heating regardless of the season.

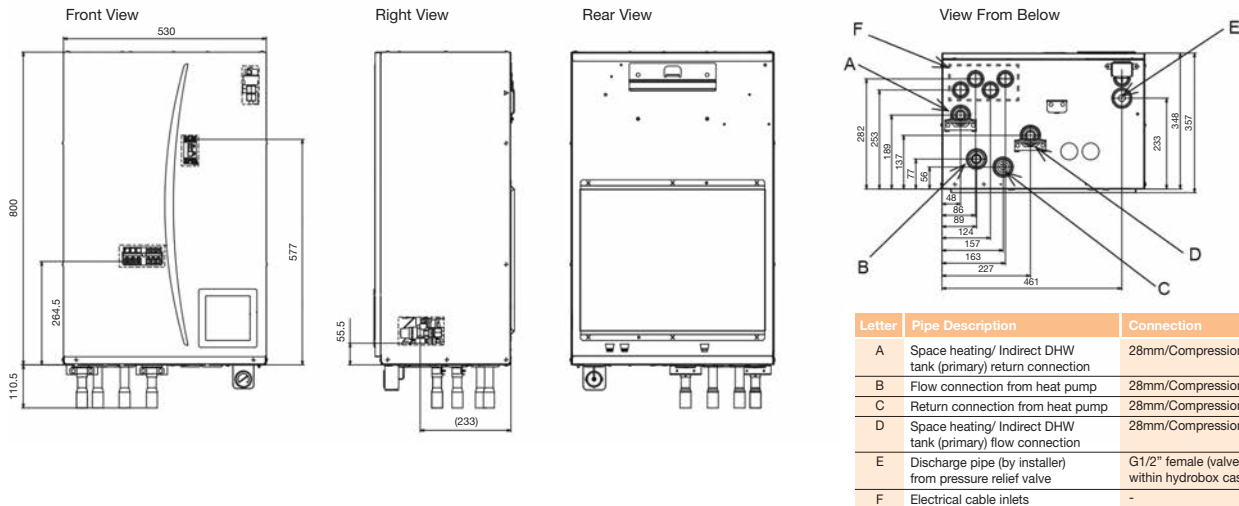
PACKAGED HYDROBOX UNIT

EHPX-VM2B

Operating Ambient Temperature (°C DB)		0 - +35°C (RH<80%)	
Sound Pressure Level at 1m (dBA)		28	
Water Data	Flow Rate (l/min) W50 - W85 - HW140	14.3 - 25.8 - 40.1	
	Pump	Grundfos UPM2 25 70-180	
	Connection Size (mm)	28	
	Primary Expansion Vessel (Litres)	10	
	Charge Pressure (MPa (Bar))	0.1 (1)	
Water Safety Devices	Control Thermistor (°C)	1 - 80	
	Pressure Relief Valve (Mpa (Bar))	0.3 (3)	
	Flow switch	Supplied	
	Booster heater control thermistor (°C)	80	
	Booster heater manual reset thermostat (°C)	90	
Dimensions (mm)	Booster heater thermal cut off (°C)	121	
	Width	520	
	Depth	360	
Weight empty/full (kg)	Height	800	
		39 / 44	
Electrical Data	Control Board - <i>optionally powered by outdoor unit</i>	Electrical Supply	220-240v, 50Hz
		Phase	Single
	Booster heater - <i>optionally powered if required</i>	Fuse Rating - MCB Sizes (A) ¹	10
		Electrical Supply	220-240v, 50Hz
		Phase	Single
		Capacity (kW)	2
		Max Running Current (A)	9
Fuse Rating - MCB Sizes (A) ¹	16		

¹ MCB Sizes BS EN60898-2 & BS EN60947-2

EHPX-VM2B DIMENSIONS



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