



Hydrobox for use with Ecodan split air source heat pumps



Air Conditioning | Heating
Ventilation | Controls

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

Designed specifically by Mitsubishi Electric to integrate with the Ecodan split air source heat pump range and a third party cylinder. The split 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 just requiring the refrigerant connections to be made on site
- Bivalent function for use with conventional boilers
- SD card commissioning
- Cascade function for multiple unit control



Heating

Product Information

EHSC-VM2B Split Hydrobox

Making a
World of
Difference



SELF LEARNING CONTROLLER

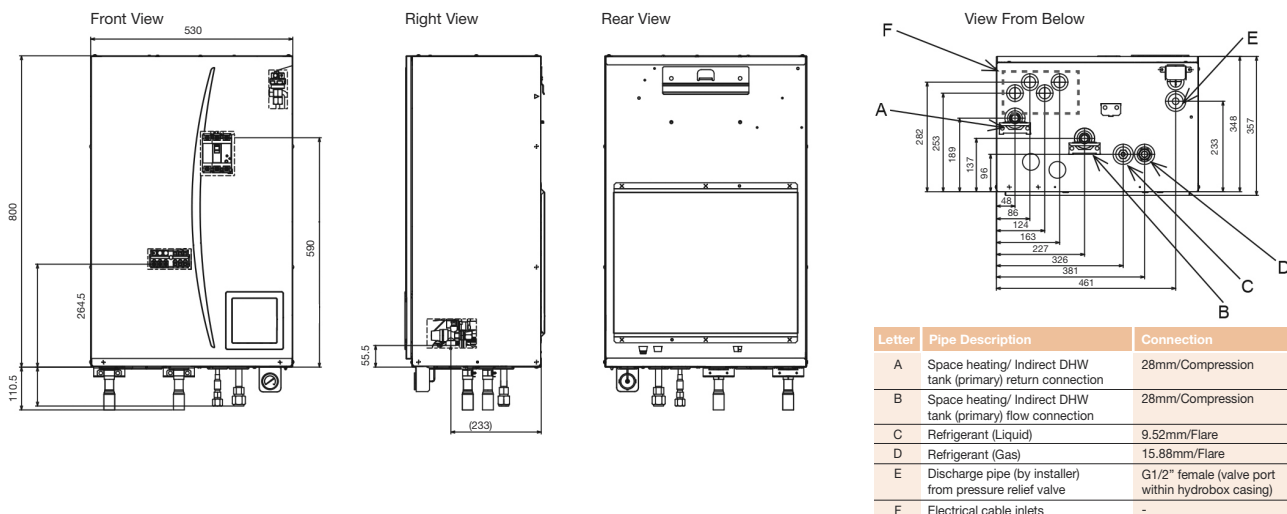


Mitsubishi Electric's fourth-generation controller includes intelligent, self-learning room temperature control as standard. This together with advanced weather compensation ensures the system delivers efficient, comfortable heating regardless of the season.

MODEL		EHSC-VM2B
Operating Ambient Temperature (°C DB)		0 ~ +35°C (RH<80%)
Sound Pressure Level at 1m (dBA)		28
Water Data	Flow Rate (l/min) SW40 - SW75 - SW120	11.8 - 22.9 - 45.9
	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)		800
Refrigerant		53 / 59
Electrical Data	Control Board - optionally powered by outdoor unit Booster heater - optionally powered if required	Type
		Connection Size - Gas/Liquid (mm (in))
		Connection Type
		Electrical Supply
		Phase
		Fuse Rating - MCB Sizes (A)*1
		Electrical Supply
		Phase
		Capacity (kW)
		Max Running Current (A)
		Fuse Rating - MCB Sizes (A)*1

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

SCHEMATICS



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