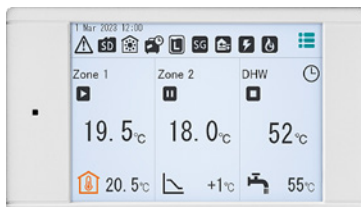


# Ecodan Hydrobox

## ERPX-VM2E



The ERPX-VM2E Hydrobox connects to the PUZ-(H)WM hydronic split outdoor unit range to deliver central heating through underfloor and radiator systems. It has a Cooling Mode for hydronic cooling applications and can connect to a domestic hot water cylinder via a 3-way valve. Ideal for both new builds and retrofit applications replacing traditional boilers.



Main Remote Controller – FTC7

## Key Features

### Intuitive Touchscreen Controller

The easy to use touchscreen provides simple user friendly control and includes an energy monitoring display. An improved commissioning wizard also makes it easy to setup for installers.

### Improved Water Pipe Connections

G1" tightening nuts for smooth installation.

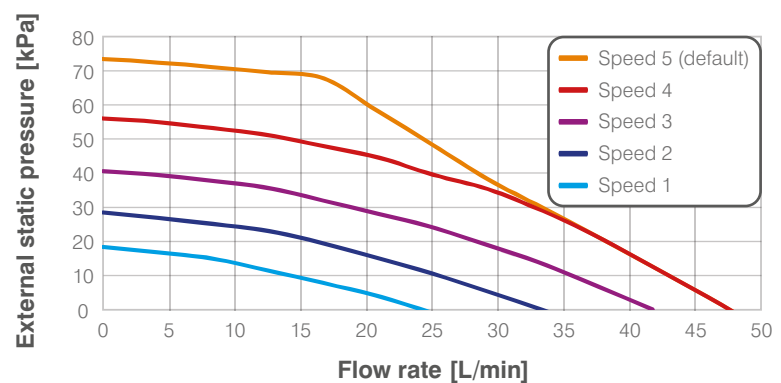
### Strainer with Magnetic Filter

The strainer filters debris from the water pipe and features a built-in magnetic filter to reduce clogging from ferrous materials, such as iron rust. By reducing build-up within the system, the combined strainer and magnetic filter helps minimise deterioration of key components like the pump and 3-way valve, supporting performance and longevity.

### System Control Features:

- 2-zone Control for two different temperatures (UFH / Radiators)
- Cooling Mode Input
- Auto Changeover Heat/Cool
- Energy Monitoring Display
- Weekly and Daily Timers for DHW and Space Heating / Cooling
- Legionella Cycle

## Water Circulation Pump Characteristics



# Specifications

## ERPX-VM2E

| HYDROBOX                     |                                                    |                                   | ERPX-VM2E       |
|------------------------------|----------------------------------------------------|-----------------------------------|-----------------|
| Hydrobox Type                |                                                    |                                   | Hydronic        |
| Product Code                 |                                                    |                                   | 695184          |
| Outdoor Capacity Range       | Nominal                                            | [kW]                              | 5 – 14          |
| Operating Temperature Range  |                                                    | Heating Flow Temperature          | [°C] 20 – 60    |
|                              |                                                    | Cooling Flow Temperature          | [°C] 5 – 25     |
| Sound Pressure Level (at 1m) |                                                    | SPL (Heating)                     | [dBA] 28        |
| Water Data                   |                                                    | Max Flow Rate                     | [L/min] 36.9    |
|                              |                                                    | Connection Size (Heating / DHW)   | G1 Nut          |
|                              |                                                    | Primary Expansion Vessel          | [L] 10          |
|                              |                                                    | Charge Pressure                   | [Bar] 1         |
| Water Safety Devices         | Water Circuit                                      | Control Thermistor                | [°C] 1 – 80     |
|                              |                                                    | Pressure Relief Valve             | [Bar] 3         |
|                              |                                                    | Flow Sensor min flow (can be set) | [L/min] 5       |
| Dimensions                   |                                                    | Width                             | [mm] 530        |
|                              |                                                    | Depth                             | [mm] 360        |
|                              |                                                    | Height                            | [mm] 800        |
| Weight                       |                                                    | Empty / Full                      | [kg] 31 / 36    |
| Electrical Data              | Control Board (Optionally Powered by Outdoor Unit) | Electrical Supply                 | 1Ph, 230V, 50Hz |
|                              |                                                    | Breaker                           | [A] 10          |
|                              |                                                    | Electrical Supply                 | 1Ph, 230V, 50Hz |
|                              | Booster Heater (Optionally Powered if Required)    | Capacity                          | [kW] 2          |
|                              |                                                    | Max Running Current               | [A] 9           |
|                              |                                                    | Breaker                           | [A] 16          |

Note: Hydrobox includes – Flow Temperature Controller (FTC7) with Remote Controller and Temperature Sensors, Water Circulation Pump, Flow Sensor, Booster Heater and Expansion Vessel. Compatible with all PUZ-(H)WM outdoor units.

## Dimensions

