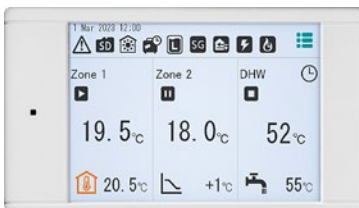


# Ecodan 300L Cylinder

ERPT30X-VM6EE



The ERPT30X-VM6EE 300L indoor Cylinder connects to the PUZ-(H)WM hydronic range of outdoor units. The system provides central heating through underfloor and radiator systems and 300L of Domestic Hot Water. Ideal for both new builds and retrofit applications replacing traditional boilers, enjoy whole home comfort from one outdoor unit.



Main Remote Controller – FTC7

## ecodan®

INDOOR CYLINDER

### 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.

#### Water Pipe Connections

G3/4 (20mm) tightening nuts for DHW connection. 28mm compression fitting for heating connection, fittings included.

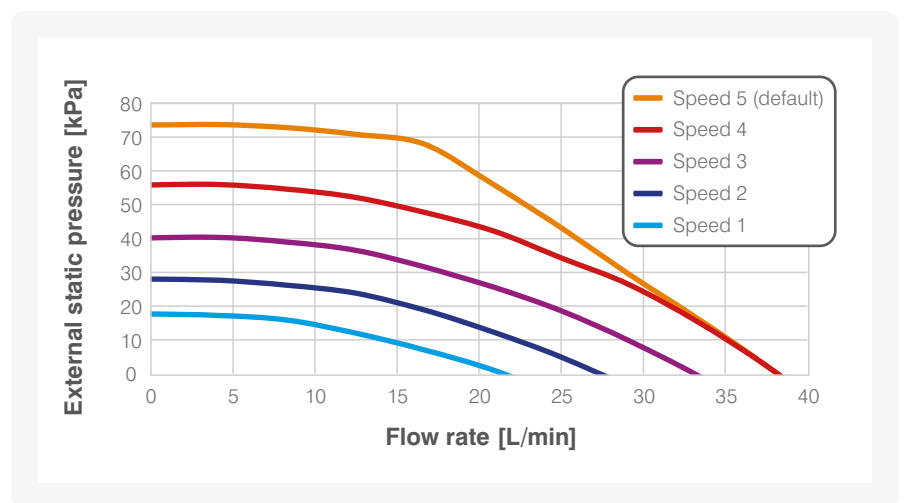
#### Strainer with Magnetic Filter

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)
- Energy Monitoring Display
- Weekly and Daily Timers for DHW and space heating
- Legionella Prevention Cycle

### Water Circulation Pump Characteristics



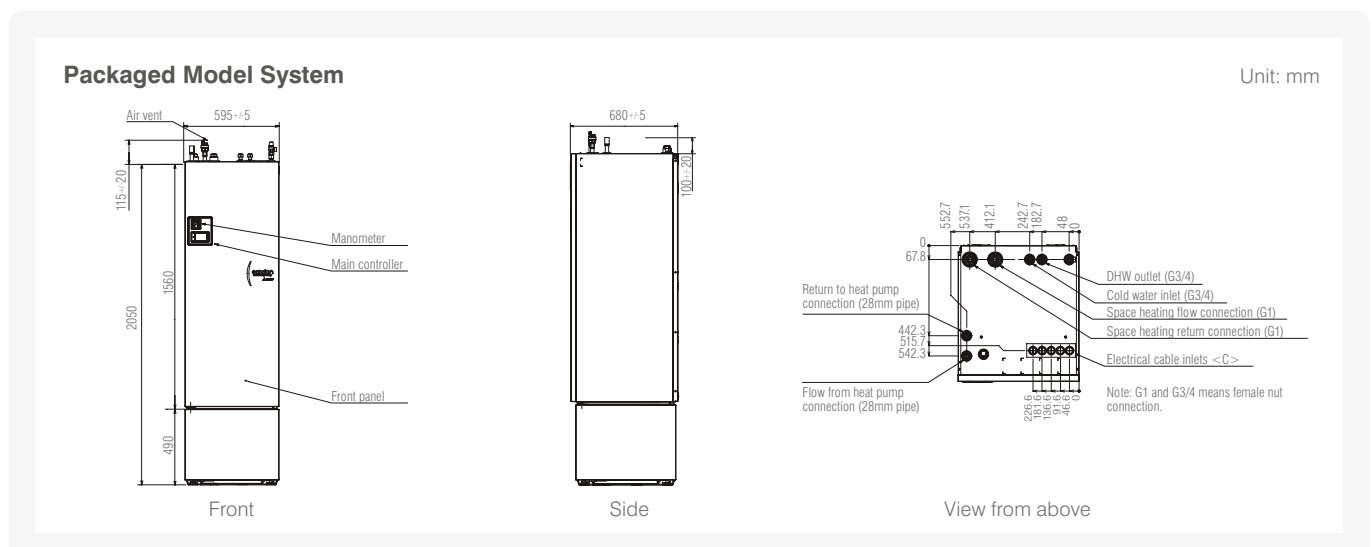
# Specifications

## ERPT30X-VM6EE

INDOOR CYLINDER		ERPT30X-VM6EE	
Cylinder Type		Hydronic	
Product Code		695189	
Heating Operating Range		Heating Flow Temperature	[°C] 20 – 60
Water Data		Max Flow Rate	[L/min] 36.9
		Connection Size (Heating)	[mm] G1 nut
		Connection Size (DHW)	[mm] 20, G3/4 nut
		Connection Size (Heat Pump Flow / Return)	[mm] 28, compression
		Primary Expansion Vessel	Field supplied
		Charge Pressure	[Bar] 1
Water Safety Devices	Primary Circuit	Control Thermistor	[°C] 80
		Flow Sensor min flow	[L/min] 5
		BH Manual Reset Thermostat	[°C] 90
	DHW Cylinder	BH Thermal Cut Off	[°C] 121
		Control Thermistor	[°C] 75
		Pressure Relief Valve	[kPa] 1000
Dimensions		Legionella Prevention	[°C] 60 – 70
		Width	[mm] 595
		Depth	[mm] 680
Weight		Height	[mm] 2050
		Empty / Full	[kg] 105 / 412
Electrical Data	Control Board	Electrical Supply	230 – 240V / Single Phase / 50 Hz
		Current	[A] 1.95
		Breaker	[A] 10
	Booster Heater	Power supply	230 – 240V / Single Phase / 50 Hz
		Capacity	[kW] 2 + 4
		Current	[A] 26
	Breaker	[A] 32	
Connectable Outdoor Units		PUZ-WM85VAA, PUZ-WM112VAA, PUZ-HWM140VHA	

Note: Cylinder includes Flow Temperature Controller (FTC7) with remote wall controller, flow and return water temperature sensors, water circulation pump, flow sensor, 2 + 4kW booster heater.

## Dimensions



DHW Outlet	G3 / 4	Space Heating Return	G1
Cold Water Inlet	G3 / 4	Heat Pump Flow	28mm compression
Space Heating Flow	G1	Heat Pump Return	28mm compression