



flowpress[®]

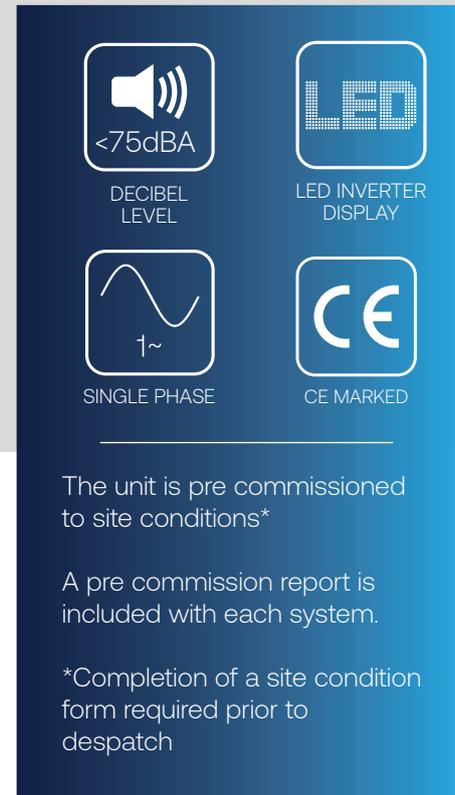
Eco Range
Single and Twin Pump Pressurisation Unit

DATA SHEET

First Publication Date: 01/09/2020

Revision: v1

Revision Date:

The unit is pre commissioned to site conditions*

A pre commission report is included with each system.

*Completion of a site condition form required prior to despatch

PRODUCT OVERVIEW

Flowpress ECO Pressurisation Unit

Introducing the **flowpress** ECO single or twin pump compact totally enclosed digital pressurisation units for use on sealed systems to control the fill and provide a minimum system pressure requirement.

A packaged, pre commissioned unit comprising of a single or twin pump pressurisation unit matched with a suitably sized Flowvess 6 bar expansion vessel, a combined vessel isolating and drain down valve and wall mounting bracket (8-25litres only).

- Suitable for wall mounting
- Not restricted by mains pressure
- Fitted with an electronic pressure transducer
- User friendly controls offering common volt free contacts on fault
- AB Air Gap - Fluid Category 5
- Bright LED Controller with scrolling display messages
- Pump operation
- Alarm modes including flood protection alarm
- 3.4 Litres Break Tank Capacity
- Optional on site commissioning
- Flowcare 2 Year 24/7 response warranty available if commissioned

PRODUCT DETAILED OVERVIEW

Flowpress ECO
Pressurisation Unit



Connections

15mm system and mains connection
with 22mm overflow



Control Panel

User friendly controls offering common volt
free contacts on fault



Expansion Vessel

Suitably sized Flowvess 6 bar rated
expansion vessel



Isolating & Drain Valve

$\frac{3}{4}$ " or 1" Expansion Vessel
Combined Drain Off and Isolating
Valve



MODELS, DIMENSIONS & ELECTRICAL DATA

Flowpress ECO Pressurisation Unit

MODEL	Dimensions			Connections (mm)			Dry Weight (kg)
	Width	Depth	Height	System	Mains Supply	Overflow	
flowpress Eco	240	240	485	15mm (½")	15mm (½")	22mm	17
flowpress Eco Twin	360	260	485	15mm (½")	15mm (½")	22mm	25.5

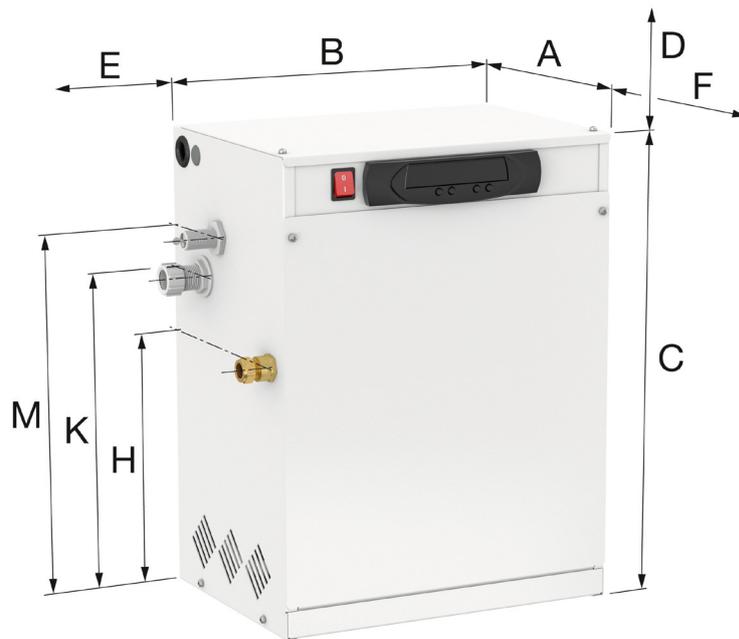
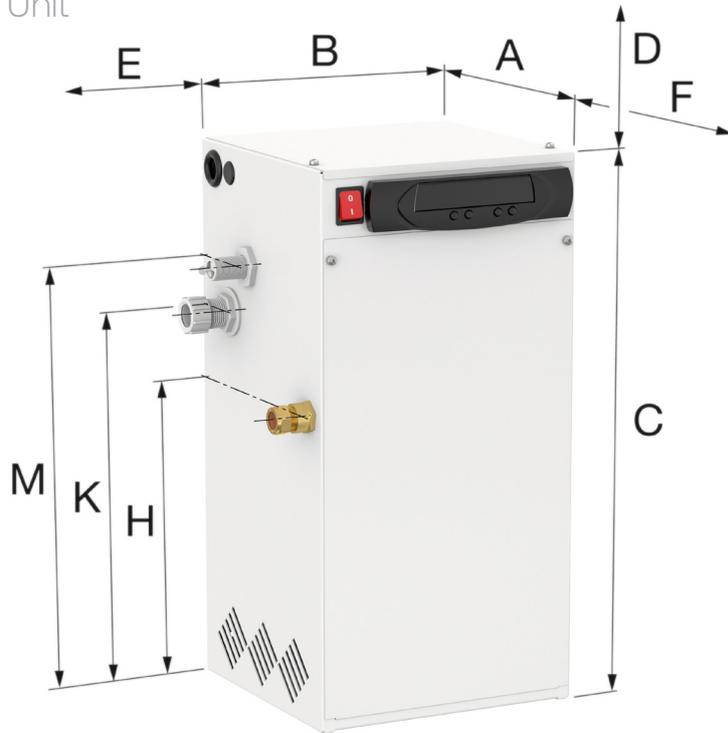
Accessories	Size	Details
Wall Mounting Bracket 8-25litre Vessels Only	N/A	Included with Plus Range
Combined Drain Off and Isolating Valve 8-50 litre Vessels	¾" bsp female	Included with Plus Range
Combined Drain Off and Isolating Valve 80-1000 litre Vessels	1" bsp female	Included with Plus Range

Pump Quantity	1 or 2
Maximum Delivery Pressure	2.5 bar
Maximum Working Pressure	10 bar (g)
Electrical Requirements	230V, 50Hz, 1 Phase
Power Consumption	0.37 kW per pump
Full Load Current	2.6 amp per pump
Noise output	<75 dBA
Break Tank Capacity	3.4 Litres
Fluid Category Protection	CAT5 AB Weir Overflow Air Gap

Features	Product	Alternative Equipment	
	Flowpress Eco & Flowpress Eco Twin	RPZ Valve	Mikrofil EFD
Fluid Category	5	4	4
Cyclic Changeover	×	Not Available	Not Available
Minimum Mains Water Pressure	0.1 bar	Restricted to System fill pressure + 0.3 bar	Restricted to System fill pressure + 0.3 bar
System Fill Pressure	2.5 bar	Limited to Mains Pressure – 0.3 bar	Limited to Mains Pressure – 0.3 bar
A-B Air Gap	✓	×	×
Pump Compensation for Mains Pressure Degradation	✓	×	×
Water Discharge to Drain after every operation	×	×	✓
Water Authority Permission required before installation	Not Required	✓	Not Required
System Fill Option	✓	✓	✓
Flood Protection Alarm	✓	×	✓

DIMENSIONAL DRAWINGS & SCHEMATICS

Flowpress ECO
Pressurisation Unit



Dimensions measured in mm - NOT TO SCALE

flowpress ECO Pressurisation Unit





flowtech[®]
WATER SOLUTIONS

flowzone[®]

MEMBERS AREA

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Our member's will be granted exclusive access to our **flowview**[®] technical resource library. Within this resource is a wide range of product information including data sheets, technical drawings, O&M Manuals and training videos



flowcare[®]

AFTER SALES SERVICE

At **flowtech**[®] we operate a network of Service Engineers located throughout the UK who are supported by our offices located in Greater Manchester. The distribution of engineers means that in the majority of cases we are less than 4 hours away from attending a customer call out.

We place great emphasis on providing technical back up to support our Service Engineers in resolving some difficult operational and technical issues. We pride ourselves on completing a project on time, within budget and never leaving a problem unresolved, or a customer waiting. This quality of service has made us the first choice for our customers.

FOR FURTHER INFORMATION OR ASSISTANCE

contact us

Flowtech Water Solutions are experts in water services and water booster sets. We have continuously supplied a wide range of standard and custom products since being founded in 1996.

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