



# flowpress<sup>®</sup>

Direct Pumpless Pressurisation Unit

## DATA SHEET

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# PRODUCT OVERVIEW

## flowpress Direct Pumpless Pressurisation Unit

The **flow**press Direct Pressurisation Units are suitable for maintaining pressure in large domestic and light commercial applications. The latest and most advanced pressurisation unit. The pumpless unit provides top up for sealed heating and cooling systems using the available pressure from the water mains or boosted cold water supply. Easy to install and set up and are suitable for wall mounting.

- Quiet pumpless pressurisation unit
- Digitalised backflow prevention
- Digitally controlled "first fill of systems"
- Pressure setting in 0.1 bar increments
- Compact size, wall mounting
- Runtime limiter and separate excessive activation alarm for flood protection
- Digital control system and graphic display
- Fully programmable volt free contact
- MODBUS and BACnet communication via RS485
- Easy to install and set up
- Service reminder (12 months)
- Password protected
- Flexible hoses (supplied)
- Connects directly to the mains or a suitable boosted cold water mains supply

# PRODUCT DETAILED OVERVIEW

flowpress Direct Pumpless Pressurisation Unit



## Connections

15 mm cold water inlet and outlet  
400mm flexible hose



## Control Panel

Digital control system and graphic display.

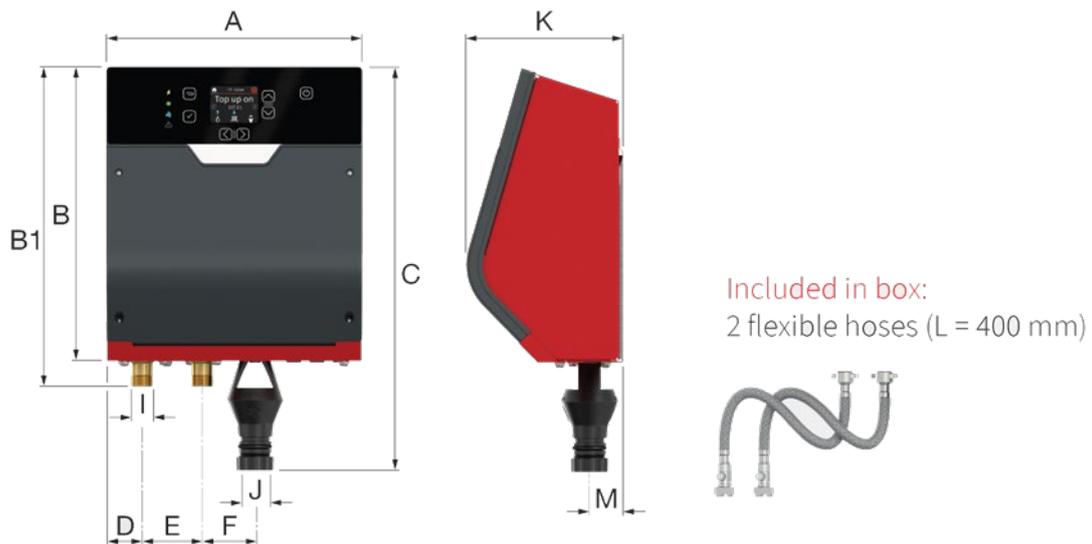
# MODELS, DIMENSIONS & ELECTRICAL DATA

## flowpress Direct Pumpless Pressurisation Unit

flowpress Direct	
Cold Water Inlet	Flexible hose 15 mm (compression)
System Outlet	Flexible hose 15 mm (compression)
Drain (via tundish)	<ul style="list-style-type: none"> <li>• 22mm compression</li> <li>• 32mm PP push fit</li> <li>• 32mm PP solvent weld</li> </ul>
Max. inlet pressure	6.0 bar
Max. delivery pressure	5.7 bar
Max. design pressure	10.0 bar
Protection class	IP44
Power consumption: Stand-by	2.0 W
Power consumption: Filling	19.4 W
Max. temperature at inlet	45° C
Max. temperature at outlet	90 ° C
Ambient temperature range	5 - 45 ° C
Relative humidity	60 - 70 % non-condensing
Max. flow rate (at 2 bar)	14 l/min
Supply voltage	110 V / 230 V
Frequency	50 Hz
Full load current	1 A
Fuse rating	5 A
Max load BMS relays	5 A

# DIMENSIONAL DRAWINGS & SCHEMATICS

flowpress Direct Pumpless Pressurisation Unit



Dimensions											Weight
A	B	B1	C	D	E	F	I	J	K	M	KG
225	262	284	359	32	53	46	1/2" BSP	22/32	141	30	4

\* Fits 22 mm copper compression, 32 mm PP discharge pipe or 32 mm PP solvent weld according to BS 5254 or BS EN1451.

\*\* Subject to system conditions; Max. cold fill pressure equals Max. inlet pressure minus 0.3 bar operational allowance.



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WATER SOLUTIONS

# flowzone<sup>®</sup>

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Our member's will be granted exclusive access to our **flowview**<sup>®</sup> 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<sup>®</sup>

AFTER SALES SERVICE

At **flowtech**<sup>®</sup> 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.

### MANUFACTURE & SUPPLY

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