



flamco

5
years *
warranty



that's excellence.

Flexfiller Direct G4

compact, pumpless
pressurisation unit



Flexfiller Direct G4

Top-up pumpless pressurisation unit for light commercial and large domestic applications

The Flexfiller Direct G4 is our latest and most advanced pressurisation unit. This pumpless unit provides top-up for sealed heating and cooling systems using the available pressure from the water mains or a boosted cold water supply.

- WRAS & KIWA Approved
- Ultra-low power consumption
- Built-in flood protection
- Mechanical backflow protection
- Automated anti-legionella flushing
- Leak detection and shut off
- MODBUS RTU and BACnet communication protocol via RS485



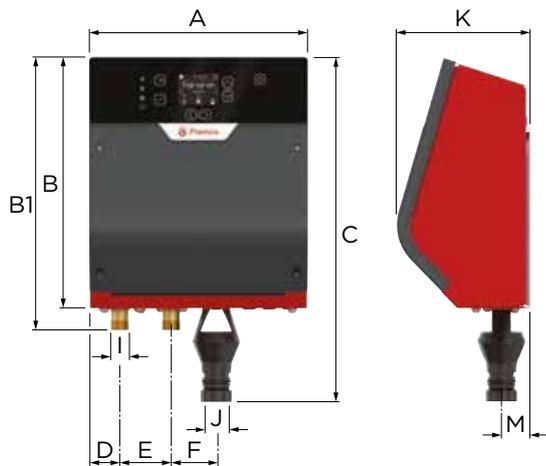


Features	Benefits
• Pumpless	--> Cost-effective maintenance
• User friendly	--> User-friendly, intuitive controls
• Quiet	--> Low noise technology (dB level)
• Mechanical backflow prevention	--> No RPZ valve required
• Flood protection and shut off	--> Saves water, protecting the mains water supply
• Advanced connectivity as standard	--> Connect to MODBUS or BACnet systems without additional hardware



Product Specifications

- Quiet pumpless pressurisation unit
- Digitally controlled 'first fill' of systems
- Service reminder (12 months)
- Password protected
- Pressure setting in 0.1 bar increments
- Runtime limiter and separate excessive activation alarm for flood protection
- Fully programmable volt free contact: Common alarm (N/C or N/O)
- Intelligent data acquisition
- Microprocessor control, self-learning with graphical display
- Connects directly to the mains or a suitable boosted cold water mains supply
- No RPZ valve is required



Technical data

Connection:	Flexible hose 15 mm (compression)
• Cold water inlet	
• System outlet	
Drain (via tundish) *	<ul style="list-style-type: none"> • 22 mm compression • 32 mm PP push fit • 32 mm PP solvent weld
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
• 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	110V / 230 V
Frequency	50 Hz
Full load current	1 A
Fuse rating	5 A
Max. load BMS relays	5 A



Included in box:
2 flexible hoses (L = 400 mm)

Dimensions & Weight

Dimensions [mm]											Weight [kg]	Part No.
A	B	B1	C	D	E	F	I	J	K	M		
225	262	284	359	32	53	46	1/2" BSP	22 / 32*	141	30	4	20100



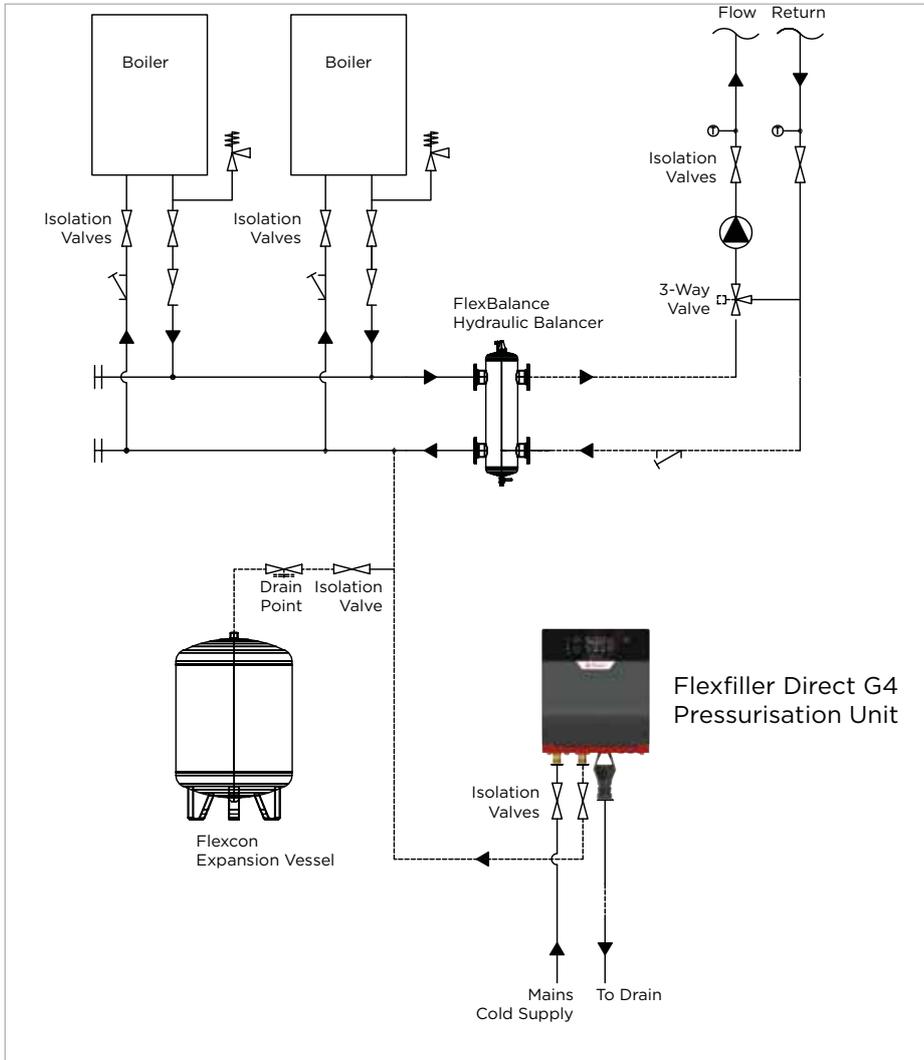
Scan here to visit our website
flamco.aalberts-hfc.com/Flexfiller-G4



Scan here for BIM models and more information about Flexfiller Direct G4

* 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.

System schematic (example)



Flamconnect Remote



The Flexfiller Direct G4 can be combined with **Flamconnect Remote**, the digital dashboard for installers and building managers enabling more efficient service and maintenance.

For more info scan the QR code!



Complementary products

Flamco offers a complete range of products from 'source to emitter' which includes a complete range of Expansion Vessels, Air Vents, Safety valves, Air & Dirt separators, Pump Groups, Balancing Valves, Hydraulic Balancers, Hot Water Cylinders, System Conditioners and much more. For more information, please visit our website or contact your Flamco Account Manager.



Flexcon Premium Expansion Vessels



Flexvent Automatic Airvents



Prescor Safety Valves



Air & Dirt Separators



MeiFlow Top S Pump Groups



NexusValve MVS Vivax



Flexbalance Hydraulic Balancers



FlexTherm Thermal Energy Storage



Sentinel System Conditioners

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