

Compact and totally enclosed digital pressurisation units with electronic pressure transducer and user-friendly microprocessor for use on sealed system in order to provide a minimum system pressure requirement.

The Flexfiller Mini Digital is a slim wall mounted, low flow rate (0.4 l/min) top-up pressurisation unit with 2 litre internal break tank. Ideal for small commercial or large domestic applications. For use on heating systems utilising a 300 litre expansion vessel or less, or chilled systems utilising a 50 litre expansion vessel or less. Available in single or twin pump configuration.

Application

- Commercial and Residential.

System Volume (Guide): < 2,600 litres.

Advantages

Product Features:

- For system volumes up to 2,600 litres.
- Fluid Protection Category 5 (AB Weir Overflow).
- Onscreen Service Reminder - 12 Months.
- Electric pump, 230V 50Hz 1ph.
- Colour: White (RAL 9003).
- MODBUS RTU Communication Protocol.
- Password protected.
- Sequential programming menu.
- Pressure setting in 0.1 bar increments.
- Pump pulse option.
- Flood Protection (Pump Runtime Limiter, Excessive Start Alarm).
- Event logging: Alarm activations, Pump Run counter (activations per pump), Cumulative run timer (hours per pump), Electrical interruption.
- Volt free contacts: Common Alarm (N/C), High Pressure Alarm (N/O), Low Pressure Alarm (N/O), Sensor Health (N/O), Pump 1 Health (N/O), Pump 2 Health (N/O).



Technical Specifications

Operating Conditions:

- System temperature range at point of connection: 5 °C / 85 °C.
- Ambient temperature range: 5 °C / 40 °C.
- Pressure rating: PN 10.
- Relative humidity 95% non-condensing.
- Noise Rating Data: < 75 dBA.

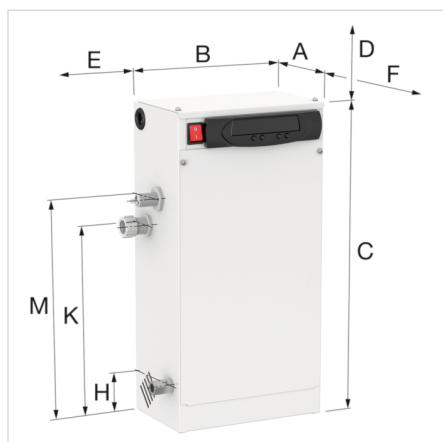
Certifications and Standards Applied:

- PED 2014/68/EU Sound Engineering Practice.
- IEE - Electrical Safety Guidance.
- EMC 2004/108/EC.
- BS 7074 Parts 1 to 3.
- Machinery Directive 2006/42/EC.
- Electronic Components have been tested and comply with the EMC Directives.
- EN 61000-6-1: Generic Standards – Immunity standard for industrial environments.
- EN 61000-6-2: Generic Standards – Immunity standard for industrial environments.
- EN 61000-6-3: Generic Standards – Emission standard for residential, commercial and light industrial environment.
- CE marked components, where applicable.
- WRAS approved float valve to BS1212.
- IP54 (BS EN60529) rated controller.

Material of Construction:

- Cabinet: Mild steel CR4 Powder Coated.
- Float: WRAS approved.
- Break Tank: Polypropylene.
- Connection: Brass / Polypropylene.
- Pipework: Braided Flexhose / EPDM / Copper.
- Finish: Powder coated.
- Valves: Brass / PTFE.

Description		Flexfiller Mini 230D
Order Code		17456
Model		<u>Flexfiller Mini Digital</u>
Pump quantity		2
Connections	System [mm]	8 ($\frac{1}{4}$ " M)
	Mains Supply [mm]	15 ($\frac{1}{2}$ " M)
	Overflow [mm]	22
Max. Delivery Pressure [bar]		3
Power Consumption [kW]		2 x 0.051
Full Load Current [A]		2 x 0.3
Weight [kg]		8



Dimensions Flexfiller Mini Digital

Type	Dimensions								
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	K [mm]	M [mm]
Flexfiller Mini 130D/230D	150	240	480	500	150	800	70	300	350

Find more information online:

[Installation and operating instructions](#)

[Kiwa certificate K13471/08](#)

[Flexfiller Mini DXF](#)

[Flexfiller Mini RFA](#)

[Flexfiller Mini STEP](#)

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[Product Datasheet Mini](#)

[Packaging data](#)

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