

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 is a floor standing, flow rate (up to 18 l/min) top-up pressurisation unit with 18 litre internal break tank. Ideal for Industrial, commercial or large domestic applications. Available in single or twin pump configuration.

Application:

- Commercial, Industrial and Residential.

System Volume (Guide): < 300,000 litres.

Advantages

Product Features:

- For system volumes up to 300,000 litres.
- Fluid Protection Category 5 (AB Weir Overflow).
- System fill mode.
- Onscreen Service Reminder - 12 Months.
- Electric pump, 230V 50Hz 1ph (2160D: 415V 50Hz 3ph).
- Colour: Black (RAL 9005).
- 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.

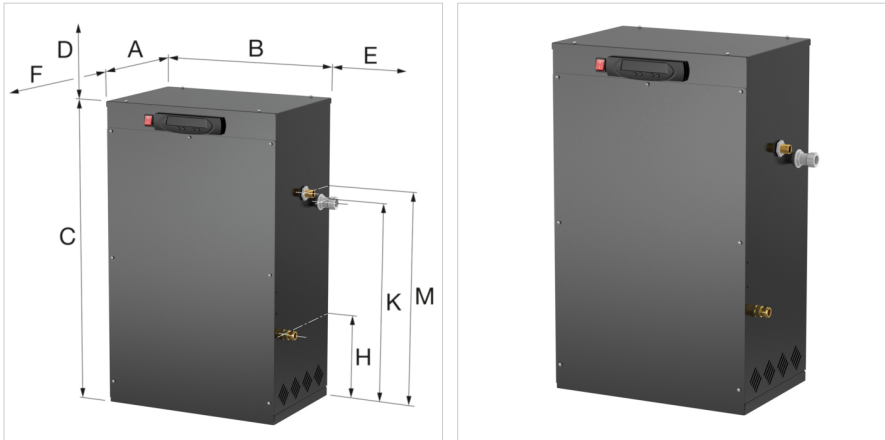
Certifications and Standards Applied:

- 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 225D | |
| Order Code | 17397 | |
| Model | <u>Flexfiller</u> | |
| Pump quantity | 2 | |
| Connections | System [mm] | 15 ($\frac{1}{2}$ " M) |
| | Mains Supply [mm] | 15 ($\frac{1}{2}$ " M) |
| | Overflow [mm] | 22 |
| Max. Delivery Pressure [bar] | 3.0 | |
| Power Consumption [kW] | 2 x 0.37 | |
| Full Load Current [A] | 2.6 | |
| Weight [kg] | 35 | |



Dimensions Flexfiller

| Type | Dimensions | | | | | | | | |
|------------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | H [mm] | K [mm] | M [mm] |
| Flexfiller 125D - 280D | 330 | 480 | 760 | 500 | 150 | 800 | 220 | 520 | 580 |
| Flexfiller 2160D | 660 | 470 | 1090 | 500 | 150 | 800 | 370 | 690 | 740 |

Find more information online:

[Installation and operating instructions](#)

[Kiwa certificate K13471/08](#)

[Flexfiller DXF](#)

[Flexfiller RFA](#)

[Flexfiller STEP](#)

[Flexfiller IGES](#)

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[Spare parts list](#)

[Product Datasheet Flexfiller](#)

[Product Datasheet Flexfiller 2160D](#)

[Packaging data](#)

Flamco Group
Fort Blauwkapel 1
1358 DB, Almere - nl

T +31 (0)36 52 62 300
E info@aalberts-hfc.com
I flamcogroup.com