

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.

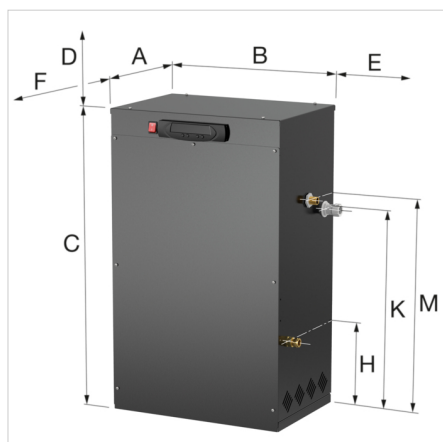
### Certifications and Standards Applied:

- 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 150D         |
|------------------------------|-------------------|-------------------------|
| Order Code                   |                   | 17396                   |
| Model                        |                   | <u>Flexfiller</u>       |
| Pump quantity                |                   | 1                       |
| Connections                  | System [mm]       | 15 ( $\frac{1}{2}$ " M) |
|                              | Mains Supply [mm] | 15 ( $\frac{1}{2}$ " M) |
|                              | Overflow [mm]     | 22                      |
| Max. Delivery Pressure [bar] |                   | 6.0                     |
| Power Consumption [kW]       |                   | 0.5                     |
| Full Load Current [A]        |                   | 3.4                     |
| Weight [kg]                  |                   | 31                      |



### Dimensions Flexfiller

| Type                   | Dimensions |           |           |           |           |           |           |           |           |
|------------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                        | A<br>[mm]  | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F<br>[mm] | H<br>[mm] | K<br>[mm] | M<br>[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](#)

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[Spare parts list](#)

[Product Datasheet Flexfiller](#)

[Product Datasheet Flexfiller 2160D](#)

[Packaging data](#)

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