

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 Twin System is a floor standing unit, ideal where space restrictions make it beneficial to locate two systems in a single enclosure. The system combines two high flow rate (<18 l/min) top-up pressurisation units and two controllers with a single 18 litre break tank.

Application:

- Commercial, Industrial and Residential.

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

### Advantages

Product Features:

- For system volumes up to 300,000 litres per system.
- Fluid Protection Category 5 (AB Weir Overflow).
- System fill mode.
- Onscreen Service Reminder - 12 Months.
- Electric pump, 230V 50Hz 1ph.
- 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.

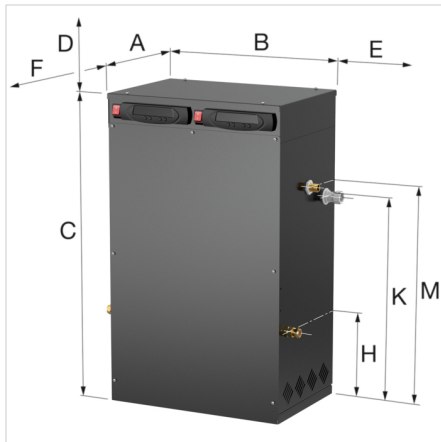
#### Material of Construction:

- 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 Twinsys 2x125D     |                 |
| Order Code                   | 17425                         |                 |
| GTIN                         | 08712874174252                |                 |
| Model                        | <u>Flexfiller Twin System</u> |                 |
| Pump quantity                | 2 *                           |                 |
| Connections                  | System [mm]                   | 2 x 15 (1/2" M) |
|                              | Mains Supply [mm]             | 15 (1/2" M)     |
|                              | Overflow [mm]                 | 22              |
| Max. Delivery Pressure [bar] | 3                             |                 |
| Power Consumption [kW]       | 2 x 0.37                      |                 |
| Full Load Current [A]        | 2 x 2.6                       |                 |
| Weight [kg]                  | 29                            |                 |

\* 1 pump for each system.

\*\* 2 pumps for each system.



### Dimensions Flexfiller Twin System

| Type                            | Dimensions |        |        |        |        |        |        |        |        |
|---------------------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                 | A [mm]     | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | H [mm] | K [mm] | M [mm] |
| Twin System 2 x 125D - 2 x 150D | 330        | 480    | 760    | 500    | 150    | 800    | 220    | 520    | 580    |
| Twin System 2 x 225D- 2 x 250D  | 330        | 480    | 760    | 500    | 150    | 800    | 220    | 520    | 580    |

### Classification General Data

|              |                                     |
|--------------|-------------------------------------|
| Etim Group   | Pressure increase/decrease          |
| Etim Class   | Central heating refill installation |
| Product Name | Flexfiller Twinsys 2x125D           |
| Brand        | Flamco                              |
| Product Type | 225 Twin                            |

### Attributes

|             |     |
|-------------|-----|
| Height [mm] | 800 |
| Width [mm]  | 470 |
| Depth [mm]  | 320 |

### Find more information online:

[Installation and operating instructions](#)  
[Kiwa certificate K13471/08](#)  
[Statement Of Compliance](#)  
[Flexfiller Twin System DXF](#)  
[Flexfiller Twin System RFA](#)  
[Flexfiller Twin System STEP](#)  
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[Spare parts list](#)  
[Product Datasheet Flexfiller Twin System](#)  
[Packaging data](#)



# Flamco

Flow of Innovation

## 17425 - Twin System 2 x 125D

Product Data Sheet 2022/06/16

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