

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 Digifiller is a wall mounted, flow rate (up to 12 l/min) top-up pressurisation unit with 4 litre internal break tank. Self venting pumps and preset options to remove the need for conventional commissioning of the Pressurisation Unit. Ideal for Industrial, commercial or large domestic applications. Available preset to 0.5 bar, 1.0 bar, 1.5 bar or 2.0 bar topup (Delivery) pressure.

Application:

- Commercial, Industrial and Residential.

System Volume (Guide): < 50,000 litres.

Advantages

Product Features:

- For system volumes up to 50,000 litres.
- Fluid Protection Category 5 (AB Weir Overflow).
- Pre-commissioned.
- Pre-set (Bar).
- Plug & play, but easily adjustable on site if required.
- Self-bleed pump.
- System fill mode.
- 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.

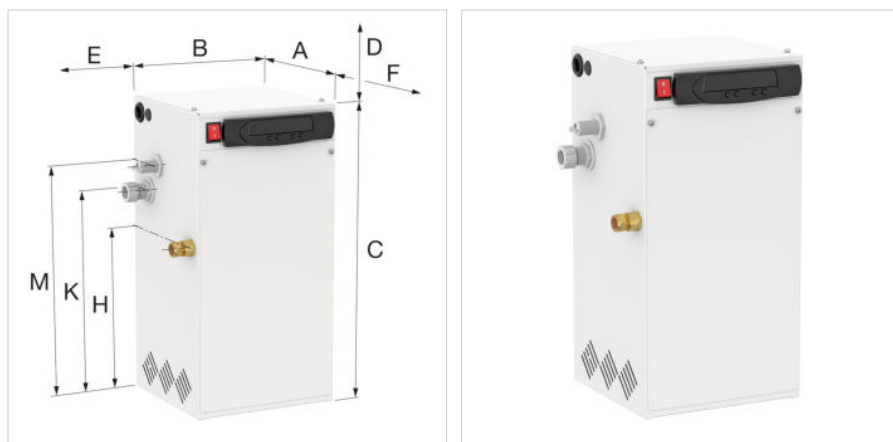
Certifications and Standards Applied:

- 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 MIDI Digifiller Preset 1.0bar
Order Code		45034
GTIN		08712874450349
Model		<u>Digifiller</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]		2.5
Power Consumption [kW]		0.41
Full Load Current [A]		2.6
Preset Settings	Cold Fill	1.0
	Low Alarm	0.5
	High Alarm	2.7
Weight [kg]		17



Dimensions Digifiller

Type	Dimensions								
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	K [mm]	M [mm]
Digifiller 0.5 - 2.0	230	240	480	500	150	800	270	340	380

Find more information online:

[Installation and operating instructions](#)

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45034 - Digifiller 1.0

Product Data Sheet 2022/06/16

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