

“Midi-Break®” - Break Tank & Booster Set – Model BTMIDI-4A – Datasheet

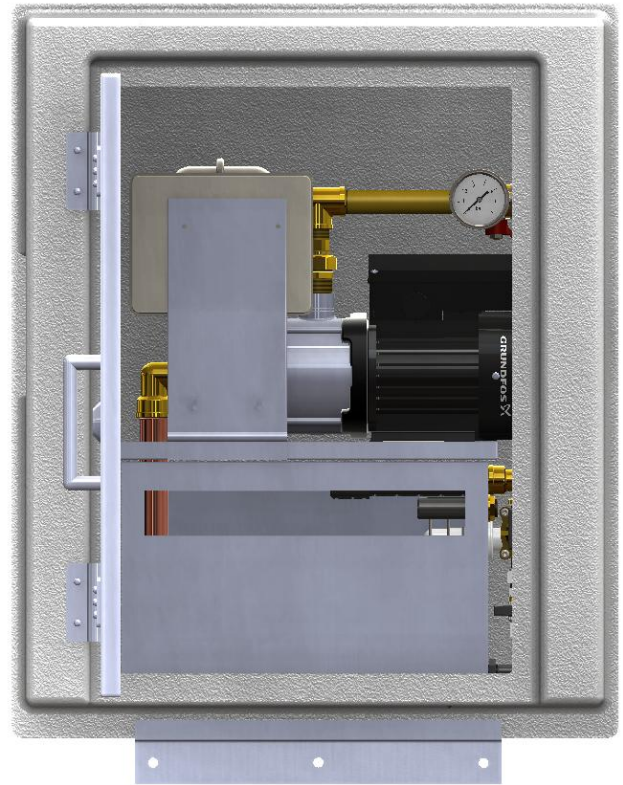
Description

Insulated and heated wall mounted break tank and pump assembly with Fluid Category 5 protection by virtue of the integral Type AB air gap complying with BS EN13077: 2023. Suitable for external mounting (Additional trace heating of pipework recommended)

The primary purpose is to provide backflow protection in accordance with the Water Regulations. The Midi-Break® also provides cold water at a known outlet pressure.

Key Points:

1. **Dual Cabinet:** Provides frost protection and minimizes noise, suitable for sensitive environments requiring Category 5 protection.
2. **Flexible Stainless Braided Hoses:** These hoses offer durability and flexibility for installation purposes.
3. **Automatic Pump Control:** Operated via a pressure switch for efficient and automatic management of the pump function
4. **Low Level Protection:** A float switch prevents the pump from running dry, enhancing reliability and safety.
5. **Small Expansion Vessel:** Helps absorb shocks within the system, protecting against pressure fluctuations.
6. **Run-on Timer:** Reduces unnecessary stop-start cycles, particularly beneficial in low flow scenarios, promoting consistent performance.
7. **Solenoid Filling:** Ensures fast and reliable filling, allowing for greater replenishing rates compared to conventional float valves, which enhances efficiency.

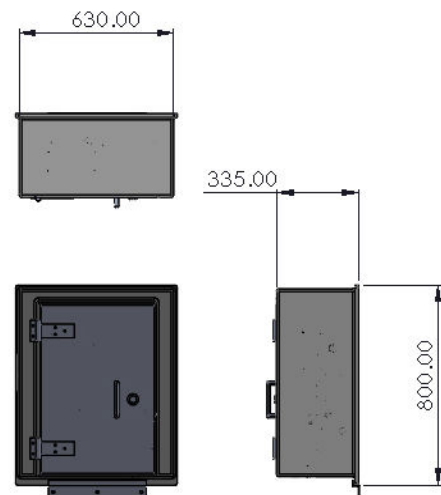


Specification		
Pressure Supply	bar	1.0 (dynamic) min. to 16 max.
Inlet		20mm – ¾" Female BSP
Outlet		20mm – ¾" Female BSP
Min. Flow Rate	L/s	0.13
Temperature (Ambient)	°C	-10 to 55 max.
Materials		
Cabinet		GRP RAL7032
Cistern		Stainless Steel 304
Pump Wetted Parts		Stainless Steel 304, Noryl
Pipes / Fittings		Copper / Brass / Stainless
Electrical Specification		
Voltage / Frequency	V / Hz	230 (1 Phase) / 50
Motor Type		Fan-cooled asynchronous motor
IP Rating EN60529		IP15 (cabinet) / IP65 (controls)
Power Consumption	W	550
Full Load Current	A	3.4
Rating		Continuous

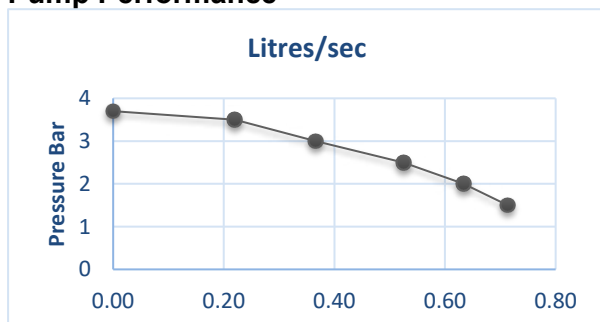
Water Regulations

The assembly complies with the requirements of the Water Regulations when installed and used correctly. A cistern with Type AB air gap provides protection against Fluid Category 5 risks – these are the highest risk. The Regulations require point of use protection.

Dimensions



Pump Performance



Applications

- Waste bin washing
- Hose union tap – non-domestic
- Wash-down – animals or any FC 5

Code and Description

Code	Description
BTMIDI-4A	Break Tank & Pump MIDI-4 Advanced 230 V

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All unit-less dimensions in mm.
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