

3760 MIDI WALL MOUNTED DIGITAL PRESSURISATION UNITS | 3760 Midi 1MP | DATA SHEET

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OVERVIEW

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 3760 Midi is a single pump MP, wall mounted, flow rate (up to 12 l/min) top-up pressurisation unit with 4 litre internal break tank. Ideal for Industrial, commercial or large domestic applications.

APPLICATION

Commercial, Industrial and Residential.

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

ADVANTAGES

Product Features

- For system volumes up to 50,000 litres.
- Pressure setting in 0.1 bar increments.
- Dry Run Protection.
- Anti-Seize Routine (Pump is pulsed for 2 seconds if inactive for 60 days, must be enabled at time of commissioning).
- Electric pump, 230V 50Hz 1ph.
- Colour: Red (RAL 440-5).
- System fill mode.
- Onscreen Service Reminder - 12 Months.
- MODBUS RTU Communication Protocol.
- Password protected.
- Bi-directional programming menu.
- Flood Protection (Pump Runtime Limiter, Excessive Start Alarm).
- Pump pulse option.
- 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).
- Optional Additional Volt Free Contacts (Requires an additional factory fitted expansion board): Low Pressure Warning (N/O), High Pressure Warning (N/O), Low Water

In Break Tank (N/O), Low Additive In Holding Tank (N/O), Pump 1 Run For Topup (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.v
- Electronic Components have been tested and comply with the EMC Directives.
- **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.

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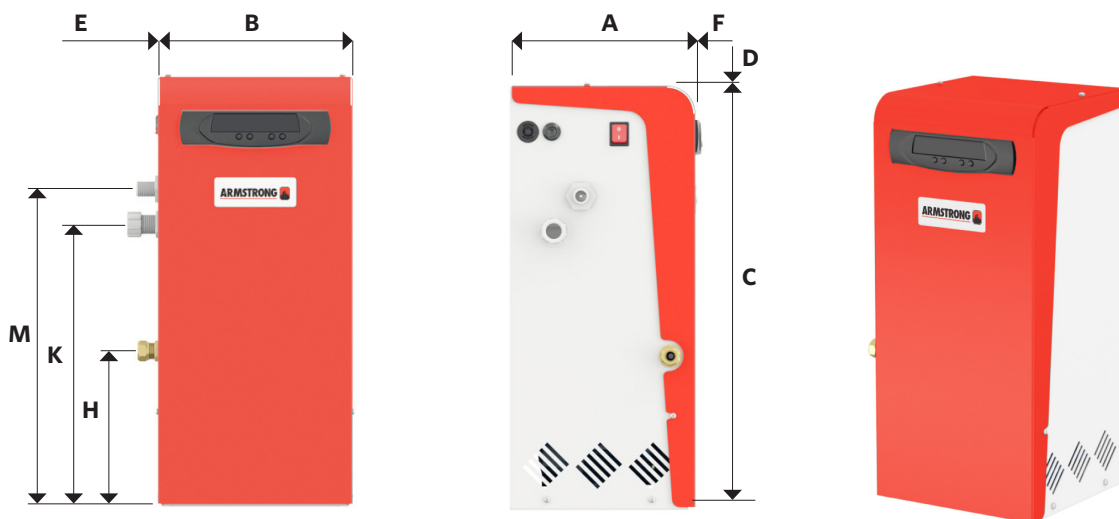
- CE marked components, where applicable.
- WRAS approved float valve to BS1212.
- IP54 (BS EN60529) rated controller.

Material of Construction:

- **Cabinet:** Mild steel CR4 Powder Coated.
- **Float:** WRAS approved.
- **Break Tank:** Polypropylene.
- **Connection:** Brass / Polypropylene.
- **Pipework:** Braided Flexhose / EPDM / Copper.
- **Valves:** Brass / PTFE.

Description	3760 Midi single pump MP wall mounted pu
Order Code	9979040-002
Model	3760 Midi 1MP
Pump quantity	1
Connections	System (mm) - 15 (½")
	Mains Supply (mm) - 15 (½")
	Overflow (mm) - 22
Max. Delivery Pressure (bar)	6
Power Consumption (kW)	0.5
Full Load Current (A)	3.4
Weight (kg)	19

DIMENSIONS



- TORONTO
+1 416 755 2291
- BUFFALO
+1 716 693 8813
- DROITWICH SPA
+44 121 550 5333
- MANCHESTER
+44 161 223 2223
- BANGALORE
+91 80 4906 3555
- SHANGHAI
+86 21 5237 0909
- BEIJING
+86 21 5237 0909
- SÃO PAULO
+55 11 4785 1330
- LYON
+33 4 26 83 78 74
- DUBAI
+971 4 887 6775
- MANNHEIM
+49 621 3999 9858
- JIMBOLIA
+40 256 360 030

Type	DIMENSIONS (MM)								
	A	B	C	D	E	F	H	K	M
3760 Midi 1MP	240	248	547	500	150	500	280	359	404