

3760 PRO 2UHP PRESSURISATION UNITS | 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 Pro 2UHP 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 largedomestic applications.

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, 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 16.
- 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 61000-6-1:** 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.

DATA SHEET

3760 Pro 2UHP
 Pressurisation units

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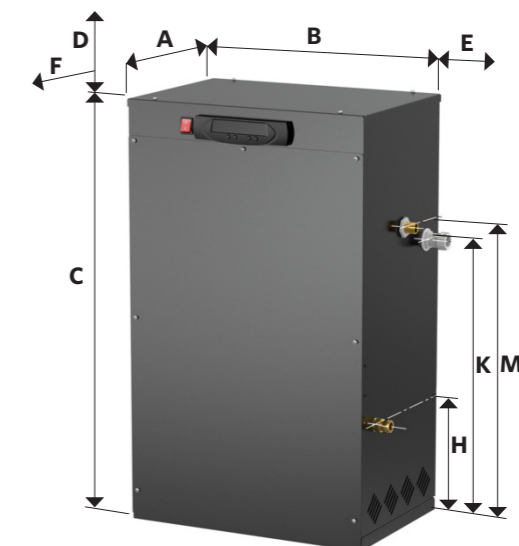
- WRAS approved float valve to BS1212.
- IP54 (BS EN60529) rated controller.

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	3760 2UHP Floor standing PU
Order Code	9979040-011
Model	3760 Pro 2UHP
Pump quantity	2
Connections	System (mm) - 15 (½" M)
	Mains Supply (mm) - 15 (½" M)
	Overflow (mm) - 22
Max. Delivery Pressure (bar)	14.4
Power Consumption (kW)	2 x 2.2
Full Load Current (A)	6.6
Weight (kg)	67

DIMENSIONS



Type	DIMENSIONS (MM)								
	A	B	C	D	E	F	H	K	M
3760 Pro 2UHP	660	470	1090	500	150	800	370	690	740

CLASSIFICATION GENERAL DATA

Etim Group	Pressure increase/decrease
Etim Class	Central heating refill installation
Product Name	3760 Pro 2UHP
Brand	Armstrong
Product Type	3760 Pro 2UHP
Product Number	9979040-011

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