

Compact and totally enclosed digital pressurisation units with easy to use microprocessor for use on sealed system in order to provide a minimum system pressure requirement.

The Elvaro-Press is a slim wall mounted, low flow rate (0.5 l/min) top-up pressurisation unit with 1.2 litre internal Cat5 break tank.

Ideal for small commercial or large domestic applications. For use on heating systems utilising up to a 200 litre expansion vessel, or chilled systems utilising up to a 50 litre expansion. Available in single or twin pump configuration.

Application

- Light commercial and Residential.

System Volume (Guide): < 2,600 litres.

Advantages

Product Features:

- For system volumes up to 2,600 litres.
- Fluid Protection Category 5 (Visible AB Weir Overflow).
- Electric pump, 230V 50Hz 1ph.
- Colour: White (RAL 9003) and self finish galvanized steel
- Simplified sequential programming menu.
- Pressure setting in 0.1 bar increments.
- Flood Protection (Pump Runtime Limiter).
- Alarm activation counter.
- Single volt free contact covering: Common Alarm (includes High Pressure and Low Pressure).

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 6
- Relative humidity 60..70% 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 / Galvanised mild steel
- Float: WRAS approved.
- Break Tank: Polypropylene.
- Connection: Brass / Polypropylene.
- Pipework: Braided Flexhose / EPDM / Nylon.
- Valves: Brass / PTFE.

12/06/2024 Rev/0

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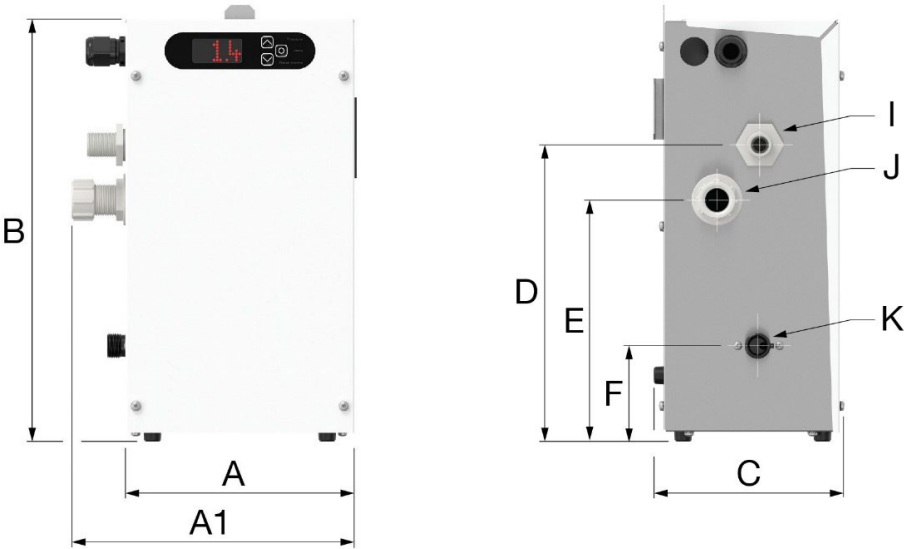
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DATA:

Type	Pump quantity	Connections			Max. Delivery Pressure [bar]	Power Consumption [kW]	Full Load Current [A]	Weight [kg]		Order Code
		System [mm]	Mains Supply [mm]	Overflow [mm]						
Elvaro-Press 130	1	½" (15mm)	½" (15mm)	21.5	3	0.051	0.3	3.8	1	TBC
Elvaro-Press 230	2	½" (15mm)	½" (15mm)	21.5	3	0.051	0.3	4.3	1	TBC



DIMENSIONS:

Type	Dimensions									
	A [mm]	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	I [mm]	J [mm]	K [mm]
Elvaro-Press 130/230	189	235	345	152	242	197	78	½" (15mm)	21.5mm	15mm (Flexhose)



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