

The NanoPress is a compact and totally enclosed digital pressurisation unit with electronic pressure transducer and user-friendly microprocessor for use on sealed system in order to provide a minimum system pressure requirement.

Product features

- Pressure setting in 0.1 bar increments.
- Volt free contacts: 1x Common Alarm.
- Delivery flow (at 1 bar): 0.5 l/min.

Advantages

- Compact.
- Intuitive, easy-to-use display - Commission in 30 secs.
- Visible AB Air Gap - Water authority compliant.
- Improved leak protection - additional safety feature.



Technical Specifications

Maximum operating conditions

- Min./ Max. delivery pressure: 0.7 / 3.0 bar.
- System temperature: 5 ,C / 85 ,C.
- Ambient temperature range: 5 ,C / 45 ,C.
- Max./ Min. Supply (Mains) Pressure: 0.5 / 6.0 bar.
- Max. (Sealed) System Pressure: PN6.
- Max. Delivery (Topup) Pressure: 3.0 bar.
- Relative humidity 60f.70% non-condensing.

Certifications and Standards Applied

- Fluid Protection Category 5.
- 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, UK Supply of Machinery (Safety) Regulations 2008.
- Electronic Components comply with the EMC Directives, UK EMC Regulations 2016.
- 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.
- Low Voltage Directive 2014/35, Electrical Equipment (Safety) Regulations 2016.
- CE marked components, where applicable.
- Breaktank with AB airgap according to BS EN 13077 2023 AB.

Description	NanoPress 130
Model	NanoPress
Connections	System [mm] 15 (compression) Mains Supply [mm] 15 (compression) Drain [mm] 21.5 (waste pipe)
Standby Power Consumption [W]	2
Flow rate [l/min]	0.5
Weight [kg]	3.8



Dimensions NanoPress

Type	Dimensions									
	A [mm]	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	I ["]	J [mm]	K ["]
NanoPress 130	189	235	345	152	242	197	78	$\frac{1}{2}$ G	21.5 (waste pipe)	$\frac{1}{2}$ G



Classification General Data

Item Group	Pressure increase/decrease
Item Class	Central heating refill installation
Product Name	NanoPress 130
Brand	Pump Sales Direct
Product Type	Top Up Units

Attributes

Suitable for membrane pressure expansion tank	Yes
Suitable for compressor-controlled automatic expansion unit	No
Connections	Internal thread cylindrical BSPP-G (ISO 228-1)
Nominal diameter	1/2 inch (15)
Outer pipe diameter 1 supply	15 Millimetre
Outer pipe diameter 1 return	15 Millimetre
With filter	Yes
With de-aerator	No
Pressure	0.7 - 3 bar
Max. operating pressure	6 Bar
With drain funnel	Yes
With automatic filling function	No
Connection size of filling pipe	15 Millimetre
Height	345 Millimetre
Width	235 Millimetre
Depth	152 Millimetre
Suitable for softening	No
With system separator	No
Max. temperature at the inlet	45 Degrees celsius
Max. temperature at the outlet	90 Degrees celsius
Suitable for full demineralisation	No
Suitable for pH value stabilisation	No
With pressure gauge	Yes
Suitable for fixed installation	Yes
Suitable for mobile use	No
With insulation	No