JP900 - Pressurisation unit

4/5.5/7/9 Bar

Description

Smart and fully automatic pressure maintenance for heating and cooling systems.

The JP900 Pressure Maintenance Unit is a fully automatic unit that regulates system pressure via a motor valve and a soft-start pressure maintenance pump.
The unit uses the motor valve and the soft-start pump to maintain a constant and stable pressure.
The pressure maintenance unit is designed to manage expansion in heating and cooling systems a smooth and flexible manner. The unit requires only a pressure setpoint—the rest is handled automatically.

Features

Easy Commissioning
Clear connection logic and preset values reduce on-site time.

Flexible Expansion
The unit can be installed with both open and closed expansion vessels.

Reliable Components
Proven, service-friendly components from Grundfos, Danfoss, and Schneider Electric.

Tested by RISE
Function and performance verified in independent tests by Research Institutes of Sweden.

Seamless Communication
Modbus TCP, RTU, and BACnet for alarms, status, and logging directly to DDC/BMS as standard.

Manufactured in Töcksfors
Swedish manufacturing with traceable quality, short lead times, and quick access to spare parts.

Technical Information

8 models

Name	JP900-40	JP900-40-AF (Autofill)	JP900-55	JP900-55-AF (Autofill)	JP900-70	JP900-70-AF (Autofill)	JP900-90	JP900-90-AF (Autofill)
RSK no.	553 64 06	553 64 34	553 64 35	553 64 36	553 64 36	553 64 38		
Max Operating Pressure	4 bar	4 bar	5.5 bar	5.5 bar	7 bar	7 bar	9 bar	9 bar
Pressure Class	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar
Operating Temperature	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C
Voltage	230V single-phase	230V single-phase	230V single-phase	230V single-phase	230V single-phase	230V single-phase	230V single-phase	230V single-phase
Fuse	10 A	10 A	10 A	10 A	10 A	10 A	10 A	10 A
Power	0.75 kW	0.75 kW	0.75 kW	0.75 kW	0.75 kW	0.75 kW	0.75 kW	0.75 kW
Communication	Modbus TCP, RTU and BACnet	Modbus TCP, RTU and BACnet	Modbus TCP, RTU and BACnet	Modbus TCP, RTU and BACnet	Modbus TCP, RTU and BACnet	Modbus TCP, RTU and BACnet	Modbus TCP, RTU and BACnet	Modbus TCP, RTU and BACnet
Media	Glykol <50%, Etanol <29%	Glykol <50%, Etanol <29%	Glykol <50%, Etanol <29%	Glykol <50%, Etanol <29%	Glykol <50%, Etanol <29%	Glykol <50%, Etanol <29%	Glykol <50%, Etanol <29%	Glykol <50%, Etanol <29%
Connections	22CU / DN25	22CU / DN25	22CU / DN25	22CU / DN25	22CU / DN25	22CU / DN25	22CU / DN25	22CU / DN25
Dimensions	D:250 x W:500 x H:750mm	D:250 x W:500 x H:750mm	D:250 x W:500 x H:750mm	D:250 x W:500 x H:750mm	D:250 x W:500 x H:750mm	D:250 x W:500 x H:750mm	D:250 x W:500 x H:750mm	D:250 x W:500 x H:750mm
Weight	22.5 kg	22.5 kg	23.8 kg	23.8 kg	25.7 kg	25.7 kg	26.4 kg	26.4 kg

Support

Learn more about the product at www.stourflex.co.uk

Do you have questions about installation or operation? Contact us at 01384 393329 or info@stourflex.co.uk