

HYDRUN

Pressurisation unit

HY-P

4/5.5/7/9 bar



Previously HL Hydronics Soft-X P

→ 1-3 days delivery

→ 1-3 hours start-up

Description

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

The Hydrun 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.

Reliable Components

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

Seamless Communication

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

Flexible expansion

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

Tested by RISE

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

Manufactured in Töcksfors

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

Technical Information

8 models

Name	HY-P-40	HY-P-40-AF (Autofill)	HY-P-55	HY-P-55-AF (Autofill)	HY-P-70	HY-P-70-AF (Autofill)	HY-P-90	HY-P-90-AF (Autofill)
Previous name	Soft-X 40	Soft-X 40A	Soft-X 55	Soft-X 55A	Soft-X 70	Soft-X 70A	Soft-X 90	Soft-X 90A
Previous item no.	HL1060	HL1060A	HL1067	HL1067A	HL1068	HL1068A	HL1069	HL1069A
RSK no.	553 64 06	553 30 34	553 30 35	553 30 36	553 30 36	553 30 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	230V	230V	230V	230V	230V	230V	230V
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:2 x W:500 x H:750mm	D:2 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 hydrun.se/en/product/pressurisation-unit.

Do you have questions about installation or operation? Contact us at +46 573 21 630 or support@hydrun.se.

Are you a new customer and would like to request a quote or place an order? Contact us at +46 573 21 630 or sales@hydrun.se.

We'll be happy to help you further.