

HYDRUN

Pressurisation / Degassing Combo

HY-PD

4 bar



Previously HL Hydronics PD-X 40

→ 1-3 days delivery

→ 1-3 hours start-up

Description

Improves energy efficiency, operational reliability, and service life.

The Hydrun Pressure Maintenance/Degassing Combo combines dynamic pressure maintenance and vacuum degassing in a fully automatic unit. It ensures the correct system pressure at all times—and once the pressure is stable, it removes dissolved gases via a bypass flow for quieter, smoother, and more reliable heating and cooling system operation.

Features

Easy Commissioning

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

Optimized Lifespan

Removes dissolved gases/microbubbles and reduces corrosion, cavitation, and wear in the system.

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.

Energy Saving

Save energy by continuously reducing the amount of dirt and magnetite in the system.

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

2 models

Name	HY-PD-40	HY-PD-40-AF (Autofill)
Previous name	PD-X 40	PD-X 40A
Previous item no.	HL2410	HL2411
RSK number	503 40 24	553 30 39
Operating pressure	0.8 - 4 bar	0.8 - 4 bar
Pressure class	10 bar	10 bar
Operating temperature	0-70°C	0-70°C
Voltage	230V single-phase	230V single-phase
Fuse	10 A	10 A
Power	0.75 kW	0.75 kW
Communication	Modbus TCP, RTU, and BACnet	Modbus TCP, RTU, and BACnet
Media	Glykol <50%, Etanol <29%	Glykol <50%, Etanol <29%
Connections	DN15	DN15
Dimensions	D:250 x W:500 x H:750mm	D:250 x W:500 x H:750mm
Weight	32.6 kg	32.6 kg

Support

Learn more about the product at hydrun.se/en/product/pressurisation-degassing-combo.

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.