

# HYDRUN

Filter Station  
HY-F  
20/100 liters/min



→ Previous HL Hydraulics MA-X Smart Filter Station

→ 1-3 days delivery

→ 1-3 hours start-up

## Description

**Energy-saving, cost-effective, and smart filtration.**

Hydrun Filter Station is a fully automatic filter station for hydronic, designed to ensure clean system fluid through continuous filtration of dirt and magnetite.

The filter station operates in a partial flow and continuously draws in system fluid via its powerful and robust circulation pump.

## 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.

### Cost-effective

Use the same outlet on the system as the exhaust fan and save two extra connections.

### Energy Saving

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

### Manufactured in Töcksfors

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

## Technical Information

### 2 models

Name	HY-F-FB-100	HY-F-FC-20
Previous name	MA-X Smart Filter Station (Bag)	MA-X Smart Filter Station (Cartridge)
Previous item no.	HL3120	HL3100
RSK no.	503 72 91	503 72 90
Filter capacity	100 l/min	20 l/min
Pump capacity	51 l/min	51 l/min (limited to 20 l/min)
Max operating pressure	8 bar	8 bar
Pressure class	10 bar	10 bar
Gauss	7000	8000
Maximum temperature	80°C	80°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%
Dimensions	D:420 x W:500 x H:800mm	D:420 x W:500 x H:750mm

### Support

Learn more about the product at [hydrun.se/en/product/filterstation](https://hydrun.se/en/product/filterstation).

Do you have questions about installation or operation? Contact us at +46 573 21 630 or [support@hydrun.se](mailto: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](mailto:sales@hydrun.se).

We'll be happy to help you further.