



## Soft-X P pressurisation unit

### Product data sheet

#### User-friendly

Easy operation and installation  
Fully automatic

#### Swedish quality

H-Line is developed and  
manufactured in Sweden

#### Active pressurisation

H-Line holds an even pressure  
and absorbs any expansion from  
your heating system

#### Modbus communication to BMS

Modbus RTU/TCP connection and  
buzzer alarm for alarm information.  
Control via BMS are standard.



## New standard for pressurisation

HL Hydronics Soft-X P is the ideal pressurisation unit. Easy to install, easy to deploy, easy to service and – above all – good quality. Soft-X P maintains a constant pressure in your heating system.

HL Hydronics Soft-X P is designed to meet the increasingly tough demands placed on modern heating and cooling systems. Soft-X P is a pressurisation unit with an open expansion vessel. The unit and vessel are divided, allowing for flexible placement and efficient use of installation surfaces.

## Accessories

### + Automatic refilling

(available for all models)

### + Buffer vessel

(if you want to increase expansion volume in the future)



### Eco-friendly product



Easy to install

Constant and responsive pressurisation

Connectable to main system/DUC

Soft-X P contains quality components from:



# Function

HL Hydronics Soft-X P is very quiet, it maintains an even pressure and keeps system expansion even. You do not have to hassle with several pressure settings that are not followed, when installing you only need to set the minimum pressure allowed. The system monitors and handles the rest. Simple, huh?

HL Hydronics Soft-X P comes complete with vessel and connecting hoses. The unit connects easily to the heating system's return line and comes with a plug for 220 V power outlets. The HL Hydronics Soft-X P can be delivered in varying sizes, is designed for permanent installation and is suitable for both small and large systems.



**Easy deployment and fast installation**

Soft-X P has a very simple installation and commissioning procedure and is easy to navigate during installation/service.



**Constant pressure and even heat flow throughout the system**

Lab tested not over 0,1 mg oxygen/liter. With the help of the soft-start pump and motor valve, Soft-X P maintains pressure evenly and quietly.



**Connectable to BMS**

Modbus RTU/TCP connection and buzzer alarm for alarm information. Control via BMS are standard.

## Technical specifications

### Expansion tank

Article no.	HL10231 HL1092	HL10251 HL1093	HL10201 HL1095	HL1069
Model	PE/open Steel/ closed	PE/open Steel/ closed	PE/open Steel/ closed	PE/ open
Volume (liter)	200	300	500	1000
Height (mm)	1150 1465	1300 2020	1400 2300	1355
Diameter (mm)	500 485	580 485	714 600	-
Length (mm)	-	-	-	1400
Width (mm)	-	-	-	790

### Pressurisation unit

Article no.	HL1060 HL1060A	HL1067 HL1067A	HL1068 HL1068A	HL1069 HL1069A
Model	Soft-X 40	Soft-X 55	Soft-X 70	Soft-X 90
Max. operating	4.0 bar	5.5 bar	7.0 bar	9.0 bar
Pressure class	PN10 10 bar			
Voltage	230V 1-phase			
Operating temperature	70°C constant			
Weight	22,5 kg	23,8 kg	25,7 kg	26,4 kg
Height	750 mm			
Width	500 mm (incl. connections)			
Depth	210 mm			
Conn. 1 - Return	22CU			
Conn 2 - System	22CU			
Conn. 3 - Suction	DN25			



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