HL Hydronics
hlhydronics.se

H-LINE

- Problem free pressurisation

A NEW STANDARD FOR PRESSURISATION

H-Line is designed to cope with the increasing demands on modern heating and cooling systems. H-Line is a pressurisation unit and an expansion vessel all in one.

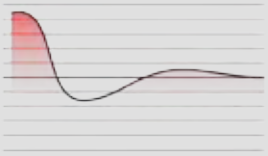
HL Hydronics gives you the latest innovations in the field of pressurisation and expansion: H-Line.

H-Line is equipped with a motorised valve, soft-start pump and energy saving functions in its control unit. The unit is designed to minimise pressure variations by maintaining a precise and stable pressure at the lowest possible energy consumption.

"H-Line is effectively a pressurisation unit and expansion vessel in one"

1. Space efficient

Instead of using only 40% of the total volume for expansion volume, H-Line uses 95% of its volume to cope with the expansion volume from the system. This makes H-Line a very space efficient choice.



2. Quick & easy installation

Installing H-Line is very easy. All necessary connections are included, the only hardware installation you have to do is to connect H-Line to the tank, to the system and mount the level sensor in the tank. With the large user-friendly touch display the unit's setup is simple.

3. BMS-compatible

H-Line is prepared to install to your BMS-system. Outputs are: continous system pressure, expansion tank level and Hi/Lo alarm signal.

Weight and dimensions

Volume	Width	Length	Diam.	Height	Weight
200			570	1000	12
270	800	400		1050	15
320			700	1000	17
520			780	1740	22
700			900	1475	23
1000	1400	790		1390	25

Special vessels and larger volumes are possible.

INSTALLATION

When installing H-Line you simply choose the system pressure (the pressure that you wish to not go below). From this pressure both pump and motorised valve are controlled. Settings for alarm limits are made direct on H-Line's user-friendly touch display.

GOOD OVERVIEW AND SIMPLE NAVIGATION

Continuous display of system pressure and expansion tank level are always avaliable on the unit´s controller. The analogue values are constantly read from the integrated sensors.

STABILISED PRESSURE

A special programme in the Schneider's control unit, together with close tolerance components, ensure that the system pressure is stable.

BIM

Alarm status signal and analogue outputs for system pressure and level in tank are retrievable via BMS link.

APPLICATION AREAS

Heat network Substations

Large residential

Industrial

Commercial

TECHNICAL SPECIFICATION

Sizes for expansion vessel	140 - 10 000 liter
Pressure class	10 bar PN10
Max pressure	7 bar (Depending on pump)
Voltage	230V 1-phase
Working temperature	Max 70°C Constant
Height	750 mm
Width	500 mm (incl. connections)
Depth	210 mm
Weight	22,5 kg
Connection 1- Return pipe	22 mm CU
Connection 2 - System pipe	22 mm CU
Connection 3 - Suction pipe	DN25

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