



Degasser O2-X

Product data sheet

User-friendly

Easy operation and installation.
Fully automatic. Modbus RTU,
Modbus TCP and common alarm.

Capable and effective

Negative pressure down to
-0.9 bar.
Silent degassing.



Swedish quality

O2-X is developed and
manufactured in Sweden.

Quality components

From acknowledged
manufacturers.

High performance

HL Hydronics degasser O2-X is designed to meet the increasingly tough demands placed on modern heating and cooling systems.

Our vacuum degasser is fully automatic with high performance and optimized installation, operation and service procedures.

Increased energy efficiency

Improved operating economy

Simple operation and installation procedure

Accessories



+ Separator

(Art. No: HL1108)



+ HLH buffer vessel

(Art. No: HL1109)



+ Flexible hoses 2x1,5 meter

(Art. No: HL1106)

Eco-friendly product



O2-X contains quality components from:



Function

Effectively removes harmful gases from the system.

O2-X starts at the touch of a button. First, a rapid degassing takes place to effectively lower the gas content in the system, then rapid degassing runs continuously for 30 days and O2-X then automatically switches to maintenance degassing to keep gas levels low. It is also easy to choose maintenance degassing from the start if desired.

The uptimes for when degassing takes place and how long are easy to adjust according to the needs of the system and the building. The negative pressure degasser is intended for permanent installation and to eliminate the system of free and bound gases in the long term. If the process is completed, the gas content of the system will gradually increase as no fluid systems are completely diffusion-proof.



Easy deployment and fast installation

The O2-X has a very simple installation and commissioning procedure and is easy to navigate during installation/service.



Increases energy efficiency and prevents corrosion

Lab tested < 0,02 mg oxygen/liter. O2-X removes harmful gases in the system and aids in prevention by continuously removing gases from the system over time.



Connection to main system

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

Technical data



Model	O2-X 25	O2-X 40	O2-X 60
Article number	HL1121 HL1120 (Autofill) HL1122 (Etanol)	HL1101 HL1100 (Autofill) HL1102 (Etanol)	HL1126 HL1125 (Autofill) -
Max. system pressure at connection point	0,8-2,5 bar	0,8-4,0 bar	3,0-6,0 bar
Liquid temperature	Max. 70°C		
Ambient temperature	Max. 45°C		
Max. Inlet pressure	Current inlet pressure + pump pressure against closed valve must be less than "Max. Operating pressure"		
Weight	25,7 kg	30,6 kg	34,7 kg
Height	750 mm		
Width	500 mm		
Depth	250 mm		
Sound level	Below 80 db (A)		
Safety disconnecter	Plug		
Permitted fluids	Water, ethylene glycol, propylene glycol, glycol, (max. 35% concentration level)		