

SENSOR

HELIO THERM
The Heat Pump

Comfort Compact Air / Water Heat Pump | 8 | 12 | 18 kW



Air



Ground



Water



Brine



PV



Modulating



PV-ready



Cooling

A+++
ENERGY

Specially designed for **single and multi-family homes**, Heliotherm provides with the new Sensor Series its latest generation of Air / Water heat pumps in a Compact Design.

Due to the stepless and fully automatic performance control, this heat pump series achieves a **particularly high seasonal performance factor**.

A high quality weather resistant aluminum alloy and elegant design distinguishes the heat pump, contributing as a **sustainable investment** which can be relied on for many years.

The intelligent compact design emits a significantly **lower operating sound**. This is made possible by a special back-curved centrifugal fan in connection with a sound optimized case design.



reddot award 2016
winner

*** COP (Coefficient Of Performance)**

The COP is a measure of the amount of power input to a system compared to the amount of power output by that system
= The present coefficient of performance (COP) of a heat pump is the heat output ratio to the drive performance.

The advantages

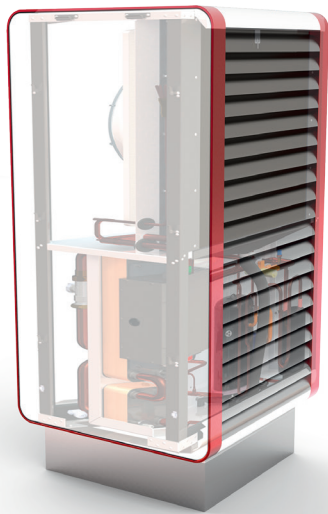
- ✓ **Highest energy efficiency** of all heat pumps available on the market in its class
- ✓ Even at lower outside temperatures **problem free heating operation**
- ✓ **Approval free**
-> a sensible installation for every building project
- ✓ Ideal for heating refurbishment - **easy installation**
- ✓ **Active cooling** optional
- ✓ The refrigerant cycle is continuously monitored by means of **special sensors**
-> Increased operational safety



Comfort Compact

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- Tempered Glass
- **twin-x-Technology®**
- **Fully Modulating**
- **dsi-Technology®**
- **Plus Design**
custom design surface (optional)



web control®



Optimized
refrigerant cycle



dsi-technology®

Sensor Comfort Compact HP	Unit	S08L-M-CC	S12L-M-CC	S18L-M-CC
Heating capacity at A7/W35 (10%)*	kW	4,6	7,0	9,6
COP at A7/W35		5,0	5,1	5,0
Heating capacity at A2/W35 (30%)*	kW	5,8	9,3	13,4
COP at A2/W35		4,2	4,3	4,1
Heating capacity at A-7/W35 (50%)*	kW	8,3	12,1	17,6
COP at A-7/W35		3,2	3,2	3,0
Acoustic output	db (A)	48	50	51
Max. outlet heating temp.	°C	62	62	62
Dimensions (H x W x D)	cm	170 x 90 x 59	170 x 94 x 100	170 x 94 x 100
Weight	kg	215	256	262

Option reversible cooling	Unit	S08L-M-R-CC	S12L-M-R-CC	S18L-M-R-CC
Cooling capacity at A35/W18	kW	8,2	11,0	13,8
EER at A35/W18		4,0	4,2	4,0
Cooling capacity at A35/W7	kW	7,1	9,0	11,9
EER at A35/W7		3,6	3,6	3,7
SEER at A35/W18 (EN 14825)		6,0	5,7	6,1

* Percentage of data corresponds to the number of the accelerator speeds. Heat output values are standard values. Please refer to the technical data sheets for details.

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Presented by your local Heliotherm competence partner.

