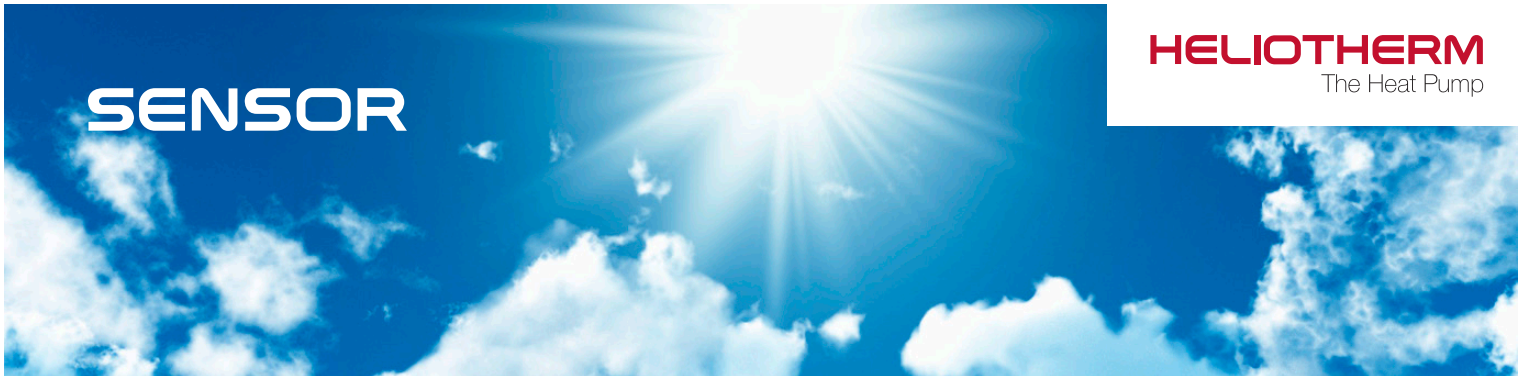
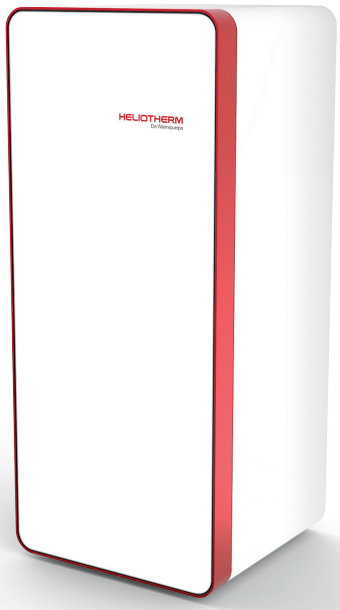


HELIOTHERM
The Heat Pump

Solid Split Air / Water Heat Pump Modulating | **30** | **40** | **55 kW**

Air | Ground | Water | Brine | PV

Modulating | PV-ready | Cooling



A+++ ENERGY

The **Heliotherm Sensor Solid** Air / Water heat pump Split Design adapts automatically to the building's heating requirements. This heat pump is also ideal for modern refurbishing projects.

The **Air / Water heat pump** Sensor Solid Split Design achieves high heating demands due to its up to 55 kW capacity. An ideal solution for spacious residential buildings, hotels and commercial buildings. Through a max. outlet heating temperature of up to 62 °C as well as possible combinations with existing heat recovery systems, the Sensor Solid Split is particularly suitable for renovation projects.

The building's greater or lesser heating demand is detected by the ambient temperature. The innovative modulation technology adjusts the heat pump to the required heat output. Therefore, resulting in higher efficiency and substantial CO_2 savings at minimal energy costs..

The advantages

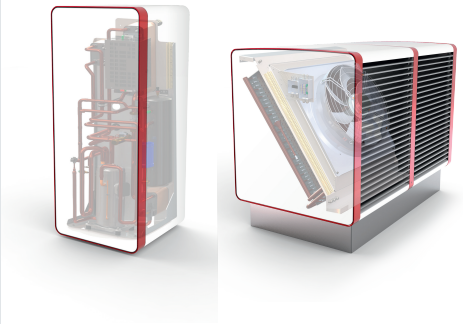
HIGH EFFICIENT COP* 5,2 INNOVATIVE MODULATING TECHNOLOGY

- Performance range from 30 to 55 kW for optimum energy supply in buildings with **higher heating demand**
- **Maximum efficiency** through fully automatic adjusted heating -> also in partial load operation
- Safe and virtually **maintenance-free operation** is obtained through the scroll compressor`s innovative technology
- **Quiet** and low vibration during opertion due to **optimized acoustic case design**
- User-friendly & **innovative regulator Remote Control** for weather data based operation

* **SCOP** (**S**easonal **C**oeffizient **O**f **P**erformance)
= The ratio of the annual heat output for room heating, DHW heating in kWh and the required electrical drive energy in kWh.

Solid Split
Air / Water Heat Pump Modulating | 30 | 40 | 55 kW

HELIOTHERM
The Heat Pump



- Frequency inverter
- **High quality** durable materials
- **Fully Modulating**
- **Safety glass**
- **Owl wing** technology

web control®

twin-x
Optimized refrigerant cycle

dsi-Technology®

Sensor Solid Split	Unit	S30L-M-Solid	S40L-M-Solid	S55L-M-Solid
Heating capacity at A2/W35	kW	30,3	43,6	55,5
COP A2/W35		4,3	4,4	4,2
Heating capacity at A-10/W35	kW	27,7	38,6	54,2
SCOP		5,2	5,0	5,2
Max. outlet heating temperature	°C	62	62	58
Dimensions indoor unit (HxWxD)	cm	160 x 69 x 72	160 x 69 x 72	170 x 91 x 120
Dimensions outdoor unit (HxWxD)	cm	151 x 200 x 114	151 x 200 x 114	151 x 296 x 114
Acoustic output indoor unit (EN12102)	dB(A)	42	42	42
Acoustic output outdoor unit (EN12102)	dB(A)	48	48	48
Weight indoor unit	kg	210	350	380
Weight outdoor unit	kg	281	281	455

Option reversible cooling	Unit	S30L-M-Solid	S45L-M-Solid	S55L-M-Solid
Cooling Capacity at A35/W18	kW	28,0	46,0	55,9
EER A35/W18		4,2	4,2	4,2
Cooling capacity at A35/W7	kW	28,2	43,7	56,4
EER A35/W7		4,1	4,0	4,0
SEER at A35/W18 (EN 14825)		6,5	6,2	6,5

Performance data according to EN 14825 Climate zone medium

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Presented by your local Heliotherm competence partner.

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