

SENSOR

Solid Compact Air / Water Heat Pump Modulating | 30 | 40 | 65 kW



Air



Ground



Water



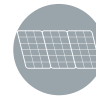
Brine



PV



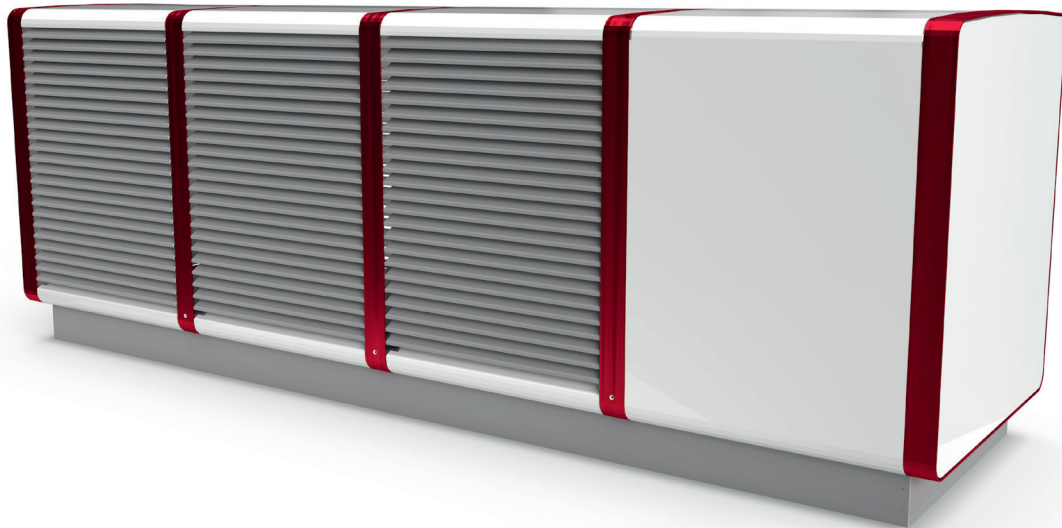
Modulating



PV-ready



Cooling



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 65 kW capacity. An ideal solution for spacious residential buildings, hotels and commercial buildings. Through a max. outlet hot water temperature of up to 75 °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 CO₂ savings at minimal energy costs..

* **SCOP** (Seasonal Coefficient Of Performance)
= The ratio of the annual heat output for room heating, DHW heating in kWh and the required electrical drive energy in kWh.

The advantages

- ✓ Performance range from 20 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 operation due to **optimized acoustic case design**
- ✓ User-friendly & **innovative regulator Remote Control** for weather data based operation



Solid Compact

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HELIO THERM

The Heat Pump



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



web control®



Optimized refrigerant cycle



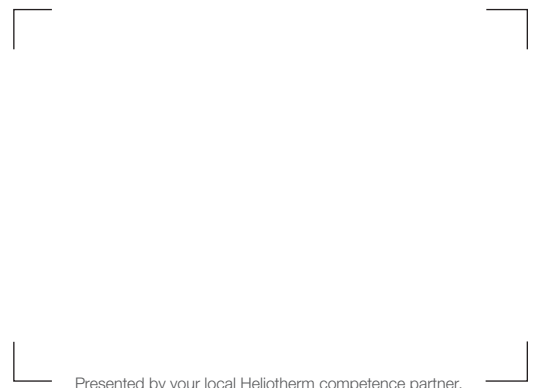
dsi-Technology®

Sensor Solid Split	Unit	S30L-M-Solid-CC	S40L-M-Solid-CC	S65L-M-Solid-CC
Heating capacity at A2/W35	kW	30,3	43,6	65,5
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	75	75	75
Dimensions outdoor unit (HxWxD)	cm	151 x 300 x 114	151 x 300 x 114	151 x 396 x 114
Acoustic output outdoor unit (EN12102)	dB(a)	51	51	51
Weight outdoor unit	kg	491	581	1100

Option reversible cooling	Unit	S30L-M-Solid-CC	S40L-M-Solid-CC	S65L-M-Solid-CC
Cooling Capacity at A35/W18	kW	28,0	46,0	65,9
EER A35/W18		4,2	4,2	4,5
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.

