

SENSOR

HELIO THERM
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 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

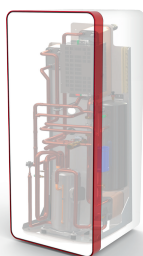
- ✓ Performance range from 30 to 55 kW for optimum energy supply in buildings with **higher heating demand**
- ✓ **Maximum efficiency** through fully automatic adjusted heating -> also in partial load operation
- ✓ Safe and virtually **maintenance-free operation** is obtained through the scroll compressor's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



Solid Split

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- Frequency inverter
- **High quality** durable materials
- **Fully Modulating**



- **High quality** durable materials
- **Safety glass**
- Owl wing technology



web control®



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	60,5
COP A2/W35		4,3	4,4	4,3
Heating capacity at A-10/W35	kW	27,7	38,6	55,3
SCOP		5,2	5,0	5,2
Max. outlet heating temperature	°C	62	62	62
Dimensions (H x W x D)	cm	160 x 69 x 72	160 x 69 x 72	170 x 91 x 120
Acoustic output	dB(A)	48	50	51
Weight	kg	210	350	380

Cooling Capacity at A35/W18	kW	28,0	46,0	56,9
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	4,1
SEER 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.

