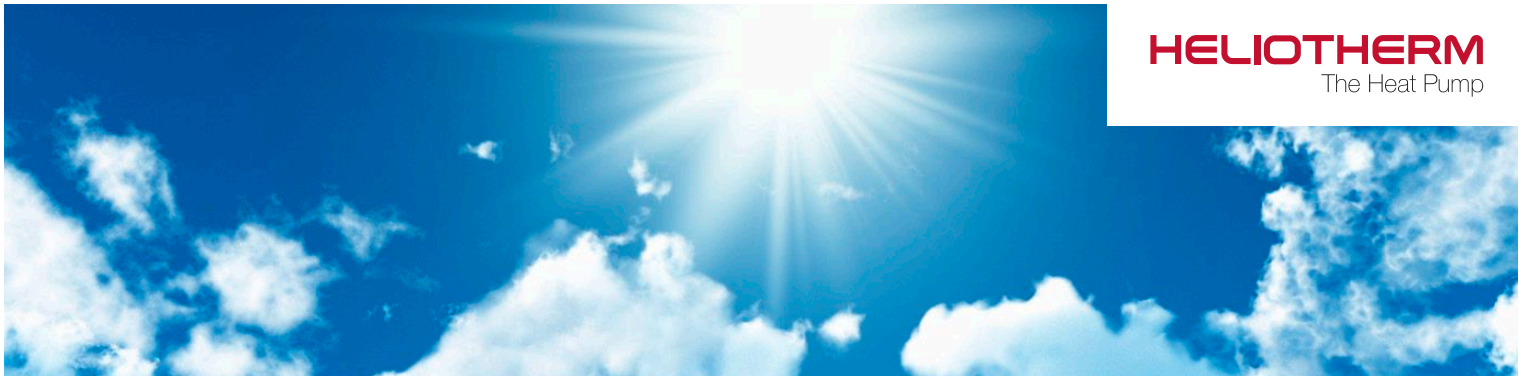


HELIOTHERM
The Heat Pump

Basic Comfort Air Source Heat Pump - Split Design Modulating | **8** | **12** | **20 kW**

Air

Ground

Water

Brine

PV

Modulating

PV-ready

Cooling

A+++ ENERGY

The **Heliotherm Basic Comfort Air / Water** heat pump Split Design adapts automatically to the building's heating requirements and ensures maximum heating and living comfort for the single or multi-family home. The attractively priced Basic Comfort Split achieves a solid base for efficient and **environmentally friendly** heating, domestic hot water and cooling (optional).

The accessible use of **self-generated electricity** from a **photovoltaic system**, allows you to use the energy as efficiently and cost effective as possible. The **possible combinations** of adapting the heat pump to varied buffer storage units and heat distribution systems allow the **flexibility** needed for planning an ideal heating system. **Active cooling** is an additional reversible operation in the Sensor Comfort Split heat pump that provides for pleasant room climate temperatures during the summer season.

The advantages

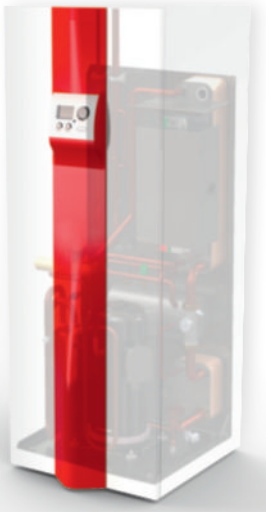
HIGH EFFICIENT COP* 5,3 INNOVATIVE MODULATING TECHNOLOGY

- High efficiency through innovative **modulation technology**
- **Compatible** with modern **building management** systems
- Connection-ready to a PV system –> **the own use of electricity**
- Integrated **high efficiency pump A+**
- Safe and **almost maintenance-free** operation is obtained through the scroll compressor's innovative technology
- **Continuous monitoring** –> automatic optimizing of refrigerant cycle (**RPM**)
- **Including flexible connecting tubes**

*** COP** (**C**oeffizient **O**f **P**erformance)
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.

Basic Comfort
Air Source HP - Split Design Modulating | 8 | 12 | 20 kW

HELIOTHERM
The Heat Pump



- **Fully modulating**
- **dsi**-Technology®
- Calorimeters
- **twin-x**-Technology®
- Scroll Compressor

web control®

twin-x
Optimized refrigerant cycle

dsi TECHNIK
dsi-Technology®

Basic Comfort	Unit	HP08L-M-BC	HP12L-M-BC	HP20L-M-BC
Heating capacity at A7/W35 (10%)	kW	4,8	7,3	11,6
COP at A7/W35		5,3	5,3	5,2
Heating capacity at A2/W35 (30%)	kW	6,0	9,5	15,5
COP at A2/W35		4,3	4,2	4,2
Heating capacity at A-7/W35 (50%)	**kW**	**8,3**	**12,2**	**18,5**
COP at A-7/W35		3,3	3,3	3,1
Max. outlet heating temperature	°C	62	62	62
Dimensions (H x W x D)	cm	170 x 60 x 67	170 x 60 x 67	170 x 60 x 67
Weight	kg	175	180	185

Option reversible cooling	Unit	HP08L-M-R-BC	HP12L-M-R-BC	HP20L-M-R-BC
Cooling capacity at A35/W18	kW	10,3	12,2	18,2
EER at A35/W18		4,2	4,4	4,2
Cooling capacity at A35/W7	kW	10,0	12,3	18,1
EER at A35/W7		3,8	3,7	3,9
SEER at A35/W18 (EN 14825)		6,3	5,9	6,2

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