

Basic Comfort SPIREC Water / Water HP Modulating | 10 | 16 | 25 kW



Air



Ground



Water



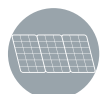
Brine



PV



Modulating



PV-ready



Cooling



The fully modulating **Basic Comfort Water/Water heat pump** with a spiral evaporator adapts automatically to the building's heating requirements and ensures maximum heating and living comfort for the single or multi-family home. The modulating Basic Comfort Water / Water spiral heat pump achieves a solid base for **efficient and environmentally friendly heating, domestic hot water and cooling**.

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 allows the **flexibility** needed for planning an ideal heating system. In addition, the Basic Comfort heat pump reversible **active cooling** function ensures a pleasant indoor climate in warm summer days.

The advantages

- ✓ 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+**
- ✓ **Continuous monitoring**
-> automatic optimizing of refrigerant cycle (**RPM**)



* **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.

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HELIO THERM
The Heat Pump



- **dsi-Technology®**
- Calorimeters
- **twin-x-Technology®**
- Scroll compressor
- Includes **flexible connections**
- **Fully modulating**



web control®



Optimized refrigerant cycle



dsi-technology®

Basic Comfort	Unit	HP08S10W-M-BC	HP12S16W-M-BC	HP20S25W-M-BC
Heating capacity at W10/W35	kW	9,5	15,3	23,8
COP at W10/W35		6,5	6,7	6,6
SCOP (EN 14825)		6,4	6,7	6,9
Max. outlet heating temp.	°C	65	65	65
Acoustic output	dB(A)	40	43	45
Dimensions (H x W x D)	cm	170 x 60 x 67	170 x 60 x 67	170 x 60 x 67
Weight	kg	178	183	188

Option reversible cooling	Unit			
Cooling capacity at W10/W18	kW	7,7	11,6	19,2
EER at W10/W18		7,5	7,1	7,1
Cooling capacity at W10/W7	kW	7,7	11,4	19,2
EER at E15/W7		6,0	6,4	5,8
SEER W10/W18		6,8	6,4	6,5

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