

Basic Comfort Ground Source HP with Brine Probe Modulating | 8 | 12 | 20 kW



Air



Ground



Water



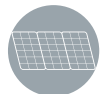
Brine



PV



Modulating



PV-ready



Cooling



The fully modulating **Basic Comfort Brine/Water heat pump** adapts automatically to the building's heating requirements and ensures maximum heating and living comfort for the generous single or multi-family home. The attractively priced Basic Comfort 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 allow the **flexibility** needed for planning an ideal heating system. **Active cooling** is an additional reversible operation in the Basic Comfort heat pump that provides for pleasant room climate temperatures during the summer season.

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.

Basic Comfort

Ground source HP Modulating | 8 | 12 | 20 kW

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 B0/W35	kW	8,5	12,1	20,1
COP at B0/W35		5,0	5,1	4,9
SCOP (EN14825)		5,2	5,3	5,6
Max. outlet heating temp.	°C	65	65	65
Acoustic output	dB(A)	42	45	47
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			
Cooling capacity at B10/W18	kW	8,1	12,2	20,4
EER at B10/W18		7,9	7,5	7,5
Cooling capacity at B10/W7	kW	8,1	12,0	20,4
EER at B10/W7		6,4	6,8	6,1
SEER B10/W18		7,1	6,8	6,8

Content protected by copyright.
 All rights reserved for technical changes, typesetting, printing errors,
 and design change. Date: Jan. 20, 2016



Presented by your local Heliotherm competence partner.

