

Basic Comfort DX / Water Heat Pump Modulating | 8 | 12 | 20 kW



Air



Ground



Water



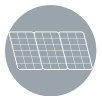
Brine



PV



Modulation



PV-ready



Cooling



The **Heliotherm Basic Comfort DX / Water** heat pump 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 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 gives you the **flexibility** needed for planning an ideal heating system.

An additional reversible operation in the Sensor Comfort provides in the summer season for a pleasant room climate through **active cooling**.

The advantages

- ✓ **Higher efficiency** through innovative **modulation technology**
- ✓ Ideal for heating modernization - **simple installation**
- ✓ The **compact design** requires a small space footprint in the heating room
- ✓ Integrated **high efficiency pump A+**
- ✓ Safe and virtually **maintenance-free operation** is obtained through the scroll compressor's innovative technology



* **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

DX / Water HP Modulating | 8 | 12 | 20 kW

HELIO THERM
The Heat Pump



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



web control®



Optimized refrigerant cycle



dsi-Technology®

| Basic Comfort HP | Unit | HP08E-M-BC | HP12E-M-BC | HP20E-M-BC |
|----------------------------|--------------|---------------|---------------|---------------|
| Heating capacity at E4/W35 | kW | 8,1 | 12,1 | 20,1 |
| COP at E4/W35 | | 5,7 | 5,6 | 5,5 |
| SCOP (EN14825) | | 5,8 | 5,9 | 6,2 |
| Max. outlet heating temp. | °C | 65 | 65 | 65 |
| Acoustic output | dB(A) | 42 | 43 | 43 |
| 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 |
| Evaporator circuits | pcs. | 8 | 11 | 18 |

| Option reversible cooling | Unit | HP08E-M-R-BC | HP12E-M-R-BC | HP20E-M-R-BC |
|-----------------------------|------|--------------|--------------|--------------|
| Cooling capacity at E15/W18 | kW | 8,2 | 12,2 | 20,3 |
| EER at E15/W18 | | 7,8 | 7,4 | 7,4 |
| Cooling capacity at E15/W7 | kW | 8,1 | 12,1 | 20,3 |
| EER at E15/W7 | | 6,4 | 6,8 | 6,1 |
| SEER at E15/W7 (EN 14825) | | 6,9 | 6,7 | 6,9 |

Performance data acc. to EN 14511 Δ5 K

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Presented by your local Heliotherm competence partner.

