

Basic Comfort ground source heat pump with brine probe | 6 | 8 | 10 | 12 kW



Air



Ground



Water



Brine



PV



PV-ready



A+++
ENERGY

Well-being is a question of comfort. The ground source heat pump with brine probe - Basic Comfort series meets the expectations of flexibility, durability, and efficiency. The Heliotherm brine heat pump uses a water-antifreeze compound that works as working fluid in the system. By using free natural energy, this system protects the environment and your budget.

Your well-being comfort in your home can be planned and met. The Heliotherm surface collector brine heat pump is ideal for larger properties, whereas the brine probe heat pump concept is applicable for smaller areas. The heating pump, brine pump and the 3-way valve are directly integrated into the brine heat pump, which is easy to install.

*** COP (Coefficient Of Performance)**

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.

The advantages

- ✓ **High efficiency**, attractive price to performance ratio
- ✓ **PV-ready**
-> Interface for PV System
- ✓ **Low assembly costs** through the Heliotherm pre-assembled hydraulic block
- ✓ **Flexible system layout** (vertical and horizontal)
- ✓ **Quiet operation** through acoustic decoupling and special insulation design
- ✓ Highest efficient use of free energy and low operating costs through Heliotherm's registered **twin-x technology®** and patented **dsi-technology®**
- ✓ No additional immersion heating rod required
-> **no hidden costs**



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HELIO THERM
The Heat Pump



- **dsi-technology®**
- Calori meter
- **twin-x-technologie®**
- Scroll compressor
- Including **flexible connections**



web control®



Optimized
refrigerant cycle



dsi-technology®

Basic Comfort Brine heat pump	Unit	HP06S08W-K-BC	HP08S10W-K-BC
Heat capacity at B0/W35	kW	6,7	8,0
COP at E4/W35		4,5	4,6
Max. outlet heating temperature	°C	65	65
Acoustic output	dB(A)	47	47
Dimensions (H x W x D)	cm	170 x 60 x 67	170 x 60 x 67
Weight	kg	175	180

Basic Comfort Brine heat pump	Unit	HP10S12W-K-BC	HP12S14W-K-BC
Heat capacity at B0/W35	kW	10,3	13,0
COP at E4/W35		4,6	4,6
Max. outlet heating temperature	°C	65	65
Acoustic output	dB(A)	47	47
Dimensions (H x W x D)	cm	170 x 60 x 67	170 x 60 x 67
Weight	kg	180	185

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Presented by your local Heliotherm competence partner.

