

GROUND SOURCE HEAT PUMP WITH SURFACE COLLECTOR

basic comfort series
Heating capacity from 7 - 18 kW



One more reason for greater comfort

It is a good feeling to stand on solid ground. Use your land and ground for environmental and budget friendly heating comfort in your home. The particularly attractive Basic Comfort series is combined through simplified design technology and Heliotherm's high standard quality.

Rock solid, reliable and efficient

Your Heliotherm Basic Comfort ground source – surface collector heat pump is higher efficient than the average brine surface collector systems. This direct system uses up to 79 % of free environmental energy achieving a heat output of up to 14 kW. Due to the closed cycle, the electric power for the energy source pump falls out. The system is reliable and convincing through its long life performance.



Advantages of a Heliotherm heat pump

- ✓ High efficiency / attractive price to performance ratio.
- ✓ Direct heat exchange - no circulation pump - **lower operating costs**.
- ✓ Occupies less space in the heating room / area due to compact design.
- ✓ Low assembly costs thru the Heliotherm pre-assembled hydraulic block > high efficiency heating pump, zone valve to switch between DHW and heating function.
- ✓ **Quiet operation** through acoustic decoupling and special insulation design.
- ✓ Ideal for new buildings with sufficient land.
- ✓ Highest efficiency and low operating costs with Heliotherm's patented **twin-x®** and **dsi®** technology.
- ✓ Outlet temperatures of up to 60 °C are possible due to the multi-sensor monitored cycle, also resulting in **higher operating reliability**.
- ✓ No additional immersion heating rod required - no hidden costs.



PERFORMANCE DATA – GROUND SOURCE HEAT PUMP WITH SURFACE COLLECTOR, BASIC COMFORT SERIES

Heliotherm heat pump - type		HP06E-BC	HP08E-BC	HP10E-BC	HP12E-BC	HP14E-BC
Max. heat outlet temperature		60 °C*				
E4W35 according to EN255 / Δ 10 K	Heating capacity [kW]	7,96	9,36	12,07	15,28	19,10
	COP	5,41	5,48	5,49	5,49	5,48
E4W35 to EN15879-1 / Δ 5 K	Heating capacity [kW]	7,78	9,14	11,79	14,93	18,66
	COP	5,13	5,20	5,21	5,21	5,20
Dimensions in cm (H x W x D)		162 x 60 x 67	162 x 60 x 67	162 x 60 x 67	162 x 60 x 67	162 x 60 x 67

* Compressor specification

Exemplary efficiency.

Heliotherm heat pumps have been awarded with the **best possible classification by independent testing institutes**. Tested and approved heat pumps and granting Heliotherm with required energy efficiency labels. In addition the Tyrolean heat pump manufacturer fulfills its leadership role in terms of efficiency with the international seal of approval for tested quality and numerous patents. **Lowest operating costs with maximum environmental awareness** you can count on.

Maximum use of subsidies.

High annual coefficient performance results allow for application to **maximum state and federal grants**. Your Heliotherm expert partner can inform you about the individual grant development opportunities in your area.

Heliotherm expert partners, your guarantee for excellence.

Our customers can rely on a specialist business that offers **one-stop services!** Certified heat pump specialists that provide: **consulting, planning, assembly installation and service!** From the floor heating to the heat pump system - from the regulating control to the refrigeration technology - from planning through to the complete installation and service – top products and a **competent partner you can rely on!**



Remote maintenance capable through Heliotherm's web control® for global access control via internet or mobile.



Twin-x optimizes refrigerant
Additional free energy from the environment is used for heating by means of Heliotherm's registered twin-x technology®.



Electronic regulated working fluid
 The Heliotherm patented DSI-technology® automatically adjusts to the changed operating conditions and therefore considerably **lowers operating costs**.

Presented by your Heliotherm expert partner.

