

# BRINE HEAT PUMP

basic comfort series  
Heating capacity from 6 - 17 kW



## Wellness and comfort

Well-being is a question of comfort. The brine compact heat pump meets expectations of flexibility, long life, and efficiency. The Heliotherm brine heat pump uses a water-antifreeze compound that works as the working fluid in the system. Using up to 78 % free environmental energy, this system gives your home comfortable warmth in the winter months, efficiency in the home and your budget.

## Flexibility when needed

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 compact heat pump which is easy to install.



## Advantages of a Heliotherm heat pump

- High efficiency / attractive price to performance ratio.
- 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 between DHW and heating function for a quiet operation.
- Maximum flexibility in system layout.** (vertical and horizontal)
- Quiet operation** through acoustic decoupling and special insulation design.
- Ideally suited for both renovation and for new buildings.
- 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 – BRINE HEAT PUMP, BASIC COMFORT SERIES

Heliotherm heat pump - type		HP06S06W-K-BC	HP08S10W-K-BC	HP10S12W-K-BC	HP12S14W-K-BC	HP14S16W-K-BC
Max. heat outlet temperature		60 °C*				
B0W35 according to EN255 / Δ 10 K	Heating capacity [kW]	6,81	8,20	10,52	13,29	16,82
	COP	4,62	4,72	4,74	4,70	4,77
B0W35 to EN14511 / Δ 5 K	Heating capacity [kW]	5,5	6,8	8,5	10,0	13,6
	COP	4,3	4,3	4,3	4,3	4,3
Dimensions in cm (H × W × D)		162 × 60 × 67	162 × 60 × 67	162 × 60 × 67	162 × 60 × 67	162 × 60 × 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.