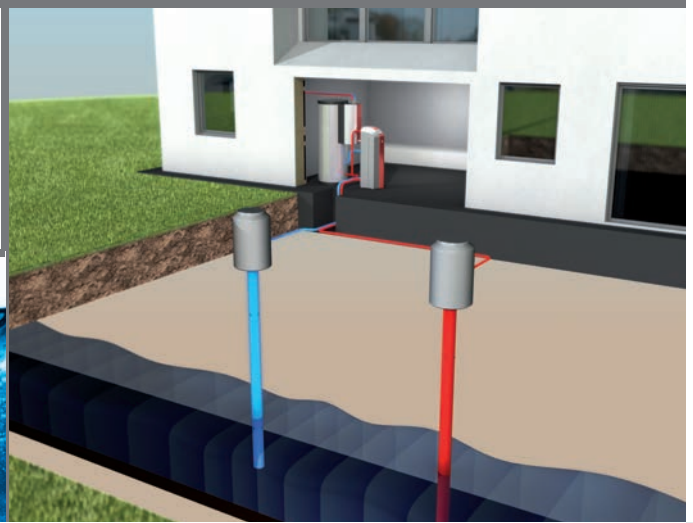


Ground water heat pump

Web Control Series

Heating capacity from 5 - 57 kW



Advantages of a Heliotherm heat pump

- ✓ Highest ground water heat pump energy efficiency results on the market.
- ✓ High SPF: greater than „6“ possible > highest possible subsidies*.
- ✓ Active cooling and free environmental cooling energy (passive cooling) possible.
- ✓ Special heat exchanger for impure water available.
- ✓ Easy maintenance through two separate cycles > cost saving.
- ✓ **Quiet operation** through acoustic decoupling and special insulation design.
- ✓ Greater output - lower energy source assembly costs.
- ✓ Also suitable for commercial systems.
- ✓ 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.

Something to feel good about

“When everything flows“ true excellence can be achieved. This can be truly said of Heliotherm's ground water heat pump that achieves the best efficiency COP value - a heat pump world record of 7.1 has been reached. Take advantage of the free flowing energy from your existing ground water source, using it to create an efficient and comfortable indoor climate

Washed by all waters

Top quality will stand up to any test. This technology allows the Heliotherm ground water heat pump to be used in combination with a spiral heat exchanger, even at low water levels. The system uses 80 % of the cost free ground water energy, its temperature being above the geothermal or air source systems, enabling maximum efficiency at minimum operating costs. Heliotherm's modulating systems reach the highest test values among conventional systems.

* dependent on regional funding



Performance Data – Ground water heat pump, Web Control Series

Heliotherm heat pump - type	HP05S 07W- WEB	HP07S 08W- WEB	HP08S 10W- WEB	HP10S 12W- WEB	HP12S 16W- WEB	HP16S 18W- WEB	HP20S 25W- WEB	HP28S 40W- WEB	HP32S 45W- WEB	HP42S 55W- WEB	
Max. heat outlet temperature	60 °C*										
W10W35 according to EN255/Δ 10 K	Heating capacity [kW]	7,77	9,62	10,83	14,30	17,15	20,58	29,60	39,44	44,12	58,50
	COP	6,91	6,92	6,89	6,95	7,06	6,93	6,81	6,81	6,80	6,80
W10W35 according to EN14511/Δ 5 K	Heating capacity [kW]	7,49	9,28	10,45	13,79	16,54	19,85	28,55	38,05	42,56	56,44
	COP	6,35	6,36	6,33	6,38	6,49	6,36	6,26	6,26	6,25	6,25
Dimensions in cm (H×W×D)	138×46×52	138×46×52	138×46×52	138×46×52	138×46×52	138×46×52	138×55×62	138×55×62	138×55×62	163×61×68	

* Compressor specification

Performance Data – Modulating Ground water heat pump, Web Control Series

Heliotherm heat pump - type	HP08S10W- M-WEB	HP12S16W- M-WEB	HP20S25W- M-WEB	HP28S40W- M-WEB	
Max. heat outlet temperature	60 °C*				
W10W35 according to EN255/Δ 10 K	Heating capacity [kW]	5,2 - 16,9	7,3 - 21,5	9,3 - 27,2	11,4 - 43,2
	COP	6,9 - 7,0	6,9 - 7,1	6,9 - 7,1	6,2 - 6,6
W10W35 according to EN14511/Δ 5 K	Heating capacity [kW]	5,0 - 16,3	7,0 - 20,7	9,0 - 26,2	15,3 - 41,7
	COP	6,3 - 6,4	6,3 - 6,5	6,4 - 6,5	6,3 - 6,4
Dimensions in cm (H×W×D)	138 × 55 × 62	138 × 55 × 62	138 × 55 × 62	163 × 61 × 68	



Heliotherm modulating technology**

Smarter, more efficient and flexible

- Up to 25 % higher system efficiency, lower CO₂ emissions than conventional heat pump systems.
- Long life through soft starter technique.
- More flexible system use of the heating system.

** optional

Stepless modulation.

Adjusts to the building's heating demand. Changing outdoor temperatures require an individual smart heating system. Through the intelligent regulating control technology and the modulating compressor, the system will only use as much power as needed to produce the heat required. Thus, your heating costs will be automatically optimized all year round.

Exemplary efficiency.

Heliotherm heat pumps have been awarded with the **best possible classification by independent testing institutes**. 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. You can rely on **the lowest operating costs with maximum environmental awareness**.

Maximum use of subsidies.

High SPF results allow the application for a **maximum amount of federal grants**. Your Heliotherm competence partner can inform you about the individual grant development opportunities in your area.

Excellence guaranteed with you Heliotherm competence partner.

Our customers can rely on a specialist business that offers **one-stop services**. Trained heat pump specialists provide **consulting, planning, assembly installation and service- top products and a competent partner you can rely on!**



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

twin-x

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 patented Heliotherm dsi-technology® automatically adjusts to the changed operating conditions and therefore considerably **lowers operating costs**.



Presented by your Heliotherm competence partner.