



Web Control ground source heat pump with brine probe | 8 | 12 | 20 kW



Air



Ground



Water



Brine



PV



Modulation



PV-ready



Together they achieve more. A simple truth that applies to our daily lives, applies this popular heat pump system. The Heliotherm brine heat pump uses a water-antifreeze compound that works as working fluid in the system. With the use of the free environmental energy, this system gives your home comfortable warmth in the winter months and cooling comfort in hot summer temperatures.

Flexibility can be drawn from this intelligent system. The heat pump can be fully implemented according to your requirements as a horizontal brine surface collector or as space-saving vertical brine probe. By simply reversing the refrigeration cycle in the summer your system can be used for cooling. Proven and innovative products, including the Heliotherm patented and web based remote maintenance and remote regulating control technologies fulfill the highest expectations.

* **SCOP** (Seasonal Coefficient Of Performance)
= Determining the seasonal performance factor is an important factor for assessing the efficiency of a heat pump. It gives the relation between annual (seasonal) heat amount for space heating and domestic hot water heating in kWh form and the required electric driving energy in kWh.

The advantages

- ✓ High seasonal performance factor of > 5 possible
-> **highest possible subsidies**
- ✓ Quiet operation through acoustic decoupling and special insulation design (**TSC**)
- ✓ Heliotherm's registered **twin-x technology**® and patented **dsi-technology**®, for more efficiency from our environment's free energy
- ✓ Outlet temperatures of up to 65°C
- ✓ The refrigerant cycle is constantly monitored by special sensors -> increasing **operational safety**
- ✓ Weather compensated **heating control** with DHW and process control



Continual monitoring - refrigerant automatic optimised (**RPM**)

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HELIO THERM
The Heat Pump



- **Full modulation**
- **dsi-technology®**
- **twin-x-technologie®**
- Scroll compressor
- Calori meter



web control®



Optimized
refrigerant cycle



dsi-technologie®

Web Control heat pump	Unit	HP08S10W-M-WEB	HP12S16W-M-WEB	HP20S25W-M-WEB
Heat capacity at B0/W35	kW	8,5	12,1	20,1
COP at B0/W35		5,0	5,1	4,9
SCOP (EN14825) Climate zone: Average		5,2	5,3	5,6
Max. outlet heating temperature	°C	65	65	65
Acoustic output	dB(A)	47	47	50
Dimensions (H x W x D)	cm	142 x 55 x 63	142 x 55 x 63	142 x 55 x 63
Weight	kg	155	160	175

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Presented by your local Heliotherm competence partner.

