



Air



Ground



Water



Brine



PV



PV-ready



Cooling



Modulation

Natural Technology Full Modulating Ground Source Heat Pump



A+++
ENERGY

The ground on which you build your home on is a **free source of energy**. Also, the intelligent Heliotherm ground source heat pump, the stored **energy** is used **directly in the winter months** efficiently and at the best value price.

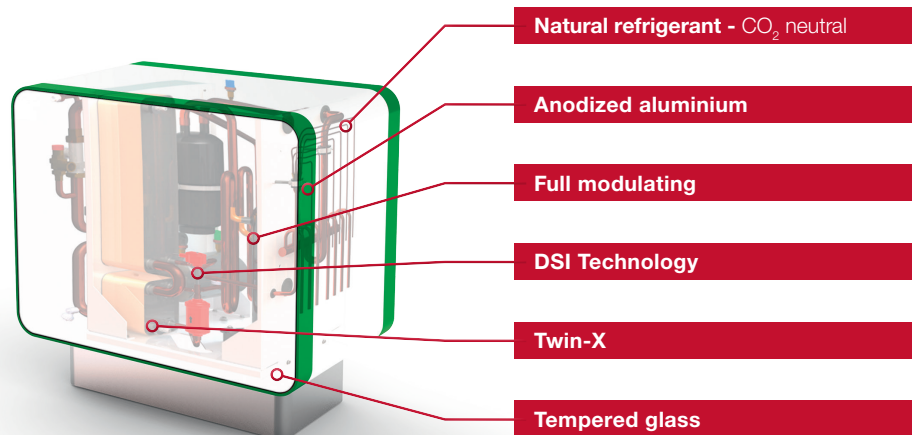
The relationship between electrical power input and available environmental energy describes the efficiency of the heat pump or COP. Heliotherm's patented and registered technologies together in connection with the environments's free energy have proven to achieve the **best proven efficiencies**.

The Natural Technology ground source heat pump system is a **direct system**, without an intermediate circuit, is **exceedingly safe** and requires low-maintenance. The home owner can enjoy both comfortable temperatures and monthly savings in the home. The system is a **technical advancement** a fully developed product trend setting innovation, that meets demanding requirements with the Heliotherm patented & web-based Remote Maintenance and Remote Control technologies.

The advantages

- Monitored refrigeration cycle and optimized operating working point
- Outdoor installation
> Space-saving through centering of technical components outside
- Full modulating technology
> SCOP greater than 6.6 possible
- Optimized acoustic case design
- No heating rod required > no hidden costs
- Natural refrigerant - R290
- Optionally possible to combine with photovoltaic and full modulating heat pump > thereby a total yearly efficiency of up to 10 is possible





web control®



Optimized refrigerant cycle



dsi-Technology®



Stepless modulation

Natural Technology Heat Pump	Type	SNTM 3-10	SNTM 5-15
Heating capacity at E4/W35	kW	5,53	10,37
COP at E4/W35		6,15	6,18
Heating capacity at E4/W55	kW	5,81	10,68
COP at E4/W55		3,02	3,03
Max. outlet heating temp.	°C	65	65
Sound pressure at EN 12102	dB(A)	51	51
Dimensions (H x W x D)	cm	99 x 90 x 55	99 x 90 x 55
Weight	kg	125	126

