

# AIR SOURCE HEAT PUMP - COMPACT DESIGN

web control series  
Heating capacity from 3 - 13 kW



## Guaranteed comfort

Well-being can be so simple: The air-compact system's closed refrigerant cycle makes the heat pump installation even easier. This direct system uses about 74 % of the outdoor free energy and provides comfort all year round. Also, by simply reversing the refrigeration cycle in the summer your system can be used for cooling (optional).

## Compact, easy and efficient

The air heat pump in compact design is economical, simple and easy to install. Do to its closed refrigerant cycle, the heat pump can be installed in any dry and frost safe room and be set ready to operate. The Heliotherm **web control**® enables cascade heating, swimming pool heating, integration of a solar system or system remote maintenance and control.



## Advantages of a Heliotherm heat pump

- ✓ Problem free heating even at deepest winter temperatures.
- ✓ No special installation pre-approval permits required - ready to install in any building.
- ✓ **Longer life** and **higher operating reliability**.
- ✓ Space saving installation - no outdoor unit required.
- ✓ **Intelligent defrost process**.
- ✓ **Quiet operation** through acoustic decoupling and special insulation design.
- ✓ Active cooling is optional.
- ✓ Highest efficiency and low operating costs with Heliotherm's patented **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 – AIR SOURCE HEAT PUMP - COMPACT DESIGN, WEB CONTROL SERIES

Heliotherm heat pump - type		HP05L-K-WEB	HP07L-K-WEB	HP08L-K-WEB	HP10L-K-WEB
Max. heat outlet temperature		60 °C*			
A2W35 to EN255/Δ 10 K	Heating capacity [kW]	6,34	7,09	8,60	11,26
	COP	3,96	3,94	3,91	3,88
A2W35 to EN14511/Δ 5 K	Heating capacity [kW]	6,30	7,05	8,55	11,20
	COP	3,75	3,73	3,70	3,67
Dimensions in cm (H x W x D)		170 x 79 x 69	170 x 79 x 69	170 x 79 x 69	170 x 79 x 69

\* Compressor specification

## PERFORMANCE DATA – MODULATING AIR SOURCE HEAT PUMP - COMPACT DESIGN, WEB CONTROL SERIES

Heliotherm heat pump - type		HP08L-K-M-WEB	HP12L-K-M-WEB
Max. heat outlet temperature		60 °C*	
A2W35 to EN255/Δ 10 K	Heating capacity [kW]	10,4 - 3,0	12,9 - 4,5
	COP	3,96 - 4,10	3,96 - 4,09
A2W35 to EN14511/Δ 5 K	Heating capacity [kW]	10,3 - 3,0	12,9 - 4,5
	COP	3,75 - 3,88	3,75 - 3,87
Dimensions in cm (H x W x D)		170 x 79 x 69	170 x 79 x 69



### Heliotherm modulating technology\*\*

**Smarter, more efficient and flexible.**

- Up to **25 % higher system efficiency**, lower CO<sub>2</sub> emissions than conventional heat pump systems.
- Long life through soft starter technique.
- More flexible system use of the heating system. Unused rooms can easily be excluded from 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**. 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.



### 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.