

# AIR SOURCE HEAT PUMP - SPLIT DESIGN

web control series  
Heating capacity from 3 - 33 kW



## Your own breath of fresh air

The air source heat pump - split design, is very compact and simple to install, whether the building is renovated or is a new construction. The split system enables installation in small land property using the free and inexhaustible environmental energy for heating and cooling of your home. Heliotherm's split air source heat pump can be a true breath of fresh air for your operating cost budget and for your maximum home climate comfort.

## Unrivalled - simple and effective

The Heliotherm air source heat pump is undisputed and convincing through a number of advantages: No danger of frozen heating pipes, shorter defrost cycles, rendering economical and quiet operation with Heliotherm's modulating technology and optimised fan technology. Lower initial costs, installation costs and no special installation pre-approval permits required, making the air source - split design heat pump particularly attractive.



## Advantages of a Heliotherm heat pump

- Highest energy efficient air heat pump on the market.
- Higher annual performance factor: greater than "4" possible > highest possible grant funding\*.
- Problem free heating even at deepest winter temperatures.
- Space saving installation - quiet outdoor unit made of durable aluminium.
- Quiet operation** through acoustic decoupling and special insulation design.
- No special installation pre-approval permits required - ready to install in any building.
- Ideal for renovation building projects - easy to install.
- Intelligent defrost process.
- Active cooling possible - optional.
- 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**.



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

Heliotherm heat pump - type		HP10L-WEB	HP12L-WEB	HP16L-WEB	HP20L-WEB
Max. heat outlet temperature		60 °C*			
A2W35 to EN255/Δ 10 K	Heating capacity [kW]	9,69	12,04	15,10	19,19
	COP	4,32	4,27	4,27	4,26
A2W35 to EN14511/Δ 5 K	Heating capacity [kW]	10,00	12,42	15,58	19,80
	COP	4,17	4,12	4,12	4,11
Dimensions in cm (H x W x D)		138 x 55 x 62			

\* Compressor specification

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

Heliotherm heat pump - type		HP08L-M-WEB	HP12L-M-WEB	HP20L-M-WEB	HP25L-M-WEB	HP30L-M-WEB
Max. heat outlet temperature		60 °C*				
A2W35 to EN255/Δ 10 K	Heating capacity [kW]	11,0 - 2,9	15,9 - 4,3	20,25 - 5,8	24,4 - 7,8	31,8 - 9,7
	COP	4,24 - 4,43	4,24 - 4,43	4,27 - 4,48	4,23 - 4,35	4,20 - 4,27
A2W35 to EN14511/Δ 5 K	Heating capacity [kW]	11,4 - 3,0	16,5 - 4,5	20,9 - 6,0	25,2 - 8,0	32,8 - 10,0
	COP	4,09 - 4,27	4,09 - 4,27	4,12 - 4,32	4,08 - 4,19	4,05 - 4,12
Dimensions in cm (H x W x D)		138 x 55 x 62	138 x 55 x 62	138 x 55 x 62	162,5 x 60,4 x 52	162,5 x 60,4 x 67,4



### 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.



**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.