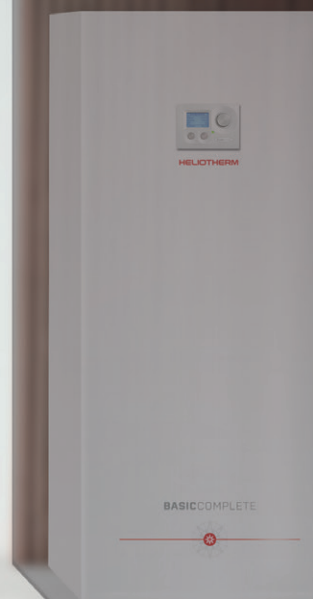


8 kW . 12 kW . 20 kW

**HELIO THERM**  
The Heat Pump



## Air Heat Pump Split Design



Efficiency does not have to be heard!

Experience and  
Feel the Independence.



Your Way to **Independence**



## Your Reliable Choice for First-Class Heat Pumps

Heliotherm is a leading heat pump manufacturer in Europe. The company was founded in 1987 by managing director Andreas Bangheri, the headquarters is based in Langkampfen since 2007, in the Austrian state of Tyrol. Alongside the company's substructure, is the unique research and development center, with its own endurance test bench and climate chamber. The "Made in Austria" product quality label is achieved and continuously setting new standards.

The highly effective heat pump systems use the free stored energy in Nature such as the ambient air, water and ground for **heating, cooling and domestic hot water preparation**. The Heliotherm patented technology, result in high efficiency performance installations, hence the system is entitled to **maximum funding**.

Now is the right time to switch to a sustainable energy heat pump solution. Counteracting the rising trend of high heating operating costs, high oil prices and general climate change. Heliotherm is an innovative heat pump pioneer, thus it stands in the company of more than 60,000 satisfied customers across Europe.

**Together, On The Path To Independence!**



### WHERE CAN I GET A HELIO THERM HEAT PUMP?

Our heat pumps are available to you through our specialized trained and experienced Installer Partners.

Meaning: **competent professional consultation** and **efficient installation, professional system commissioning** and **first-class service** are guaranteed. We want you to experience the full advantages of our heat pump technology from day one. Find now, a Heliotherm Competence Partner in your area.

[www.heliotherm.com](http://www.heliotherm.com)

### STATE GRANTS & SUBSIDIES FOR YOUR HEAT PUMP!

Inquire about **your local state grants** and **subsidies** for new heat pump installations and for renovation projects. Depending on the energy supplier, place of residence in individual federal states/provinces, the funding conditions and the available funding may vary. Your Heliotherm Competence Partner will be glad to advise you on available state funding opportunities.



An optimum heating system begins with

## Heliotherm Heat Pumps



- 1 Air Heat Pump Split Design
- 2 Outdoor evaporator
- 3 Remote maintenance
- 4 Fresh hot water system

Tailor-made, efficient, quiet & absolutely worth seeing:  
Convincing across the board, because the outside also counts.

Our air heat pump in split design can be easily installed in a space-saving manner, i.e. a modest footprint in the basement or technical room as well as outside is sufficient, and in any building. It uses the free and almost inexhaustible ambient air energy. Lower purchase costs make our air heat pump in split design particularly attractive.

The heat pump is installed without drilling and therefore without complicated approval procedures.

### Living on air and love. You can now too.

The perfect interaction of the fully modulating air heat pump harmonizing with the quietest outdoor air evaporator on the market offers many advantages. Adding the optional "DesignPlus" can transform your outdoor air evaporator into a real design highlight that attracts everyone's attention. The selection is as diverse as your individual taste. Choose from an eye-catching range of tasteful, timeless designs. No matter whether you prefer a modern look or prefer classic elegance - with DesignPlus your heating system becomes an expression of your personal style.

### The air split heat pump is available in two other versions:

- COMPLETE Air split heat pump
- CUBE Air split heat pump



# The Air Split Heat Pump

## Your advantages:

### SCOP\*

This fully modulating air split heat pump impresses with its economical and efficient operation with a coefficient of performance of 5.2. This means 5.2 kW heat output with only 1 kW power consumption.

### TECHNICAL FEATURES

- Heat outlet temperatures of up to 62 °C possible
- Quietest outdoor air evaporator on the market, flexible installation: upright or wall-mounted
- Durable and high grade weather-resistant materials, such as aluminum and safety glass
- Can be installed in any building without approval
- Integrated heat meter
- Available in heat outputs of 8kW, 12kW and 20kW

### BEST SUITABLE FOR

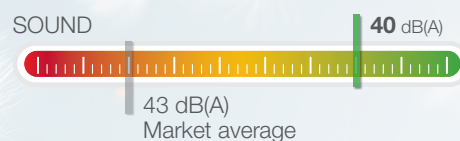
- Single-family homes, multi-family buildings, small properties
- New buildings
- Refurbishments

### OPTIONAL

- Single-phase 230 V version
- Remote maintenance (RCG-X) > SGReady, PV-Ready
- Active cooling > optimum room temperatures all year round



### BEST PERFORMANCE



\*SCOP (Seasonal Coefficient of Performance) – The annual heat output ratio in kW, for the required electrical drive energy given in kWh.

## Intelligent Heat Pump Control

### Heating, Hot Water and Photovoltaic

The “**webcontrolAT**” is a resourceful and innovative heat pump control solution, easy to use and convenient to regulate room temperatures; also for cooling and hot water preparation at any time. You stay in full control - whether at home or on the go - while maximizing the heat pump's energy efficiency. Any error notifications are immediately sent via SMS or email, keeping you updated at all times.

#### Our system offers:

- Comprehensive control of your heat pump system
- Convenient browser-based operation
- No app and no software download required
- Compatibility with Modbus, KNX, PV Synchro, DI and Smart Grid
- Highest security standard due to VPN encryption
- Data security through local storage
- Live and long-term data can be accessed from any device using any browser, regardless of location



## Hygienic

### Domestic Hot Water Prep

Immerse yourself in the world of comfortable and **hygiene pure hot water** - a reality with the innovative **Heliotherm Fresh Hot Water System**. Enjoy prompt domestic hot water for your entire household. The system is seamless, integrated into the Heliotherm heat pump heating buffer storage and works like a modern instantaneous water heater. While the counter-current flow protects against any Legionella growth and build-up. A simple turn of the tap is enough to prompt the flow of cold drinking water through the fresh water system, bringing the water to the desired temperature in a minutes time. The maintenance-free hot water preparation works without additional electrical heating, protects the heat pump and guarantees a long service life.

#### Advantages:

- Prevents germs or Legionella growth in drinking water
- Lower energy demand (no constant heating up the storage contents)
- Rapid heating to the recommended 48 °C, prevents water lime flocculate
- Photovoltaic connection possible
- Storage sizes: 300, 500, 850 and 1,500 liters



Air Heat Pump Split			HP08L-M-BC	HP12L-M-BC	HP20L-M-BC
Heat output range EN14825		kW	2,4 - 10,3	4,1 - 12,2	5,1 - 19,1
A12/W24	Heat output	kW	6,7	8,5	8,1
	COP	COP	7,4	7,3	7,6
A7/W27	Heat output	kW	6,0	7,6	6,9
	COP	COP	5,9	5,9	6,6
A2/W30	Heat output	kW	5,5	6,7	9,2
	COP	COP	4,8	4,9	5,2
A-7/W34	Heat output	kW	8,8	10,8	16,2
	COP	COP	2,8	2,9	3,2
A-10/W35	Heat output	kW	10,2	12,2	18,5
	COP	COP	2,3	2,3	2,7
SCOP (annual efficiency)			4,7	4,8	5,2
Acoustic power acc. (EN12102)		dB(A)	40	41	43
Dimensions (H x W x D)		mm	1.700 x 600 x 670	1.700 x 600 x 670	1.700 x 600 x 670
Weight		kg	203	208	213

Reversible cooling - optional					
A35/W18	cooling capacity / COP	kW / EER	10,3 / 4,2	12,2 / 4,3	18,2 / 4,2
A35/W7	cooling capacity / COP		10,0 / 3,8	12,3 / 3,7	18,1 / 3,9

Silent Source Outdoor Evaporator - upright unit			HPS60	HPS80	HPS120
Acoustic power acc. (EN12102)		dB(A)	40	40	46
Application range		°C	-25 bis +45		
Design type			Fin evaporator		
Dimensions (H x W x D)		mm	1.070 x 890 x 850	1.260 x 1.020 x 960	1.506 x 1.050 x 1.140
Total empty weight		kg	120	130	180

Silent Source Outdoor Evaporator - wall mount			HPS60-W	HPS80-W
Acoustic power acc. (EN12102)		dB(A)	41	41
Application range		°C	-25 bis +45	
Design type			Fin evaporator	
Dimensions (H x W x D)		mm	1.090 x 887 x 588	1.202 x 1.036 x 620
Total empty weight		kg	95	102

Fresh Hot Water System		ZH-FS3101	ZH-FS5101	ZH-FS9101	ZH-FS15101
Storage capacity	l	300	476	805	1.500
Flow rate	l	22	22	40	40-80
Dimensions without insulation (Ø x H)	mm	500 x 1.740	600 x 1.920	790 x 1.990	1.100 x 1.920
Dimensions with insulation (Ø x H)	mm	660 x 1.900	750 x 1.920	990 x 1.990	1.340 x 1.920
Tilting dimension	mm	2.011 (with insulation)	2.029 (with insulation)	2.015 (without insulation)	2.335 (without insulation)
Weight	kg	80	94	165	246
Fresh hot water system		ZH-FWS01	ZH-FWS01	ZH-FWS02	1-2x ZH-FWS02



Presented by Your Heliotherm Competence Partner