

HELIO THERM

Heat Pump Highlights

HELIO THERM
Premium Heat Pumps

Made in **Austria**



We make a difference!

Efficiency alone is not enough for us. We have committed ourselves to a higher mission: to create a home that is warm, smart and sustainable – for our customers and their future generations.

Our heat pumps are more than just technology. They are the perfect combination of durable materials, the quietest technology and timeless design. They not only guarantee maximum CO₂ savings, but also offer an incomparable level of comfort and individuality – tailored to every home.

If you are looking for the **best complete heat pump technology package**, there is only one answer: **Heliotherm.**

We work together today, for our collective tomorrow.



Andreas Bangheri, CEO

We provide you with innovative, high-quality solutions!

Heliotherm – About Us

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Highlights

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Air Heat Pumps

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Your reliable choice for first-class heat pumps

Quality is the result of intelligent effort
Heliotherm is a **leading** heat pump manufacturer in **Europe**. The company was founded in 1987 by managing director Andreas Bangheri, the head-quarters 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 testing** and **climate chamber facility**. The **"Made in Austria"** product label of quality is achieved and continuously sets new standards.

We set sustainable 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.

Natural efficiency is a priority
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 65,000 satisfied customers across Europe**.

What our customers say about us



As a state certified technician in heating, air conditioning and ventilation technology having 30 years of professional experience, I have closely checked the Heliotherm heat pump through, visited the factory in Austria, the production, and their sales and marketing.

What can I say, it is by far the best product there is, in the highly competitive market. The heat pump combines inimitable high performance with unbelievable quiet operation, even at the highest performance peaks, unnoticed it does its job. No other manufacturer can compete with that

Keep up the good work!



Your path to an independent energy future – in 4 steps...

1 First step – We make it easy for you.

The first step is often difficult – but not with us! **Call us, write us an email or visit us directly.** In order to find the best solution for you, we only need some initial information: you can find the checklist on page 50.

The more we know, the more we can help to develop your perfect solution.

2 Your tailor made advice – personal & non-binding.

Our experts analyze your individual inquiry, take time for you and your questions. Within a few days, you will receive a personal, **non-binding advice with tailored recommendations for your home.** We will show you how you can heat efficiently, save money and become independent with a heat pump.

3 Your individual offer – Clarity from the start.

After our free consultation, you will receive a detailed offer with:

- Technical solution – which heat pump is ideal for you.
- Schedule – when the installation can take place.
- Transparent costs – all funding options included

No hidden surprises – just a clear perspective on your new, sustainable heating system.

4 Your heat pump is being built – Welcome to the future!

Once you have confirmed your order, we begin manufacturing your tailor-made precision heat pump. Our **certified partner** in your region will take care of the **professional installation** and **fine-tuning** to ensure everything runs perfectly.



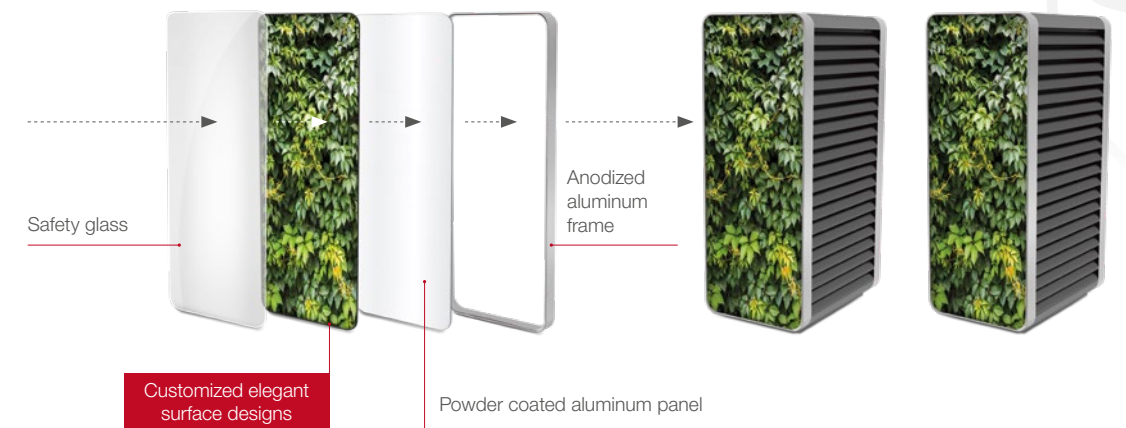


HELIO THERM

Premium Heat Pumps

Robust, durable and reliable

Custom-made design with elegant and appealing aesthetic, individual prints – optional



Heliotherm is much more than just a heating system

Heliotherm is not just a heating system – it is a entire system that can do much more! In addition to the basic functions of **heating, cooling** and **domestic hot water preparation**, Heliotherm offers a range of options that work to increase your comfort and maximize your energy efficiency.

Combine your Heliotherm heat pump with a photo-voltaic system **using your produced energy** and **become even more independent**. Whether at home or on the go, thanks to the internet connection you have **control over your heating system anytime** and **anywhere**. The connection to building management systems makes your home even more intelligent and efficient.

And that's not all – Heliotherm also enables bivalent operation with other heat generators to further increase efficiency and offer the optimal solution for every situation.

Timeless design and personally customized:

Our heat pumps impress not only with their performance, but also with their attractive designs, which can be complemented by **individual design** options.

Quality “Made in Tyrol”

Experience the highest Austrian quality standards with products that are developed and produced locally in Tyrol, Austria.

Let our experts advise you.
Contact us at:
anfragen@heliotherm.com or
via our website! We are here for you!

High-quality materials are used because we believe that a heat pump should be an upgrade for the entire house and property.



DESIGN PLUS
CUSTOM MADE
PRINT DESIGN



The Heliotherm 10 Point Plan – The future is in your hands!



Heliotherm HEMS – Intelligent energy management system

More energy self-sufficiency. Lower costs. Maximum control

Certainly, with the **Heliotherm HEMS** your heat pump will be the heart of a networked energy system. Whether solar power, battery storage or dynamic electricity tariffs – our state-of-the-art **HEMS (Home Energy Management System)** controls everything automatically and ensures that energy is always used when it is cheapest. **Maximum efficiency, full transparency and easy operation via app – that is the future of heating technology.**

You automatically save up to €500 annually.

Why buy expensive mains electricity when your heat pump can operate with surplus solar power or dynamic electricity tariffs? **Heliotherm HEMS analyses your consumption in real time** and **optimizes** heat pump **performance** for maximum savings.

- Solar optimized control** – uses excess solar energy for hot water & heating
- Automatic tariff optimization** – adapts operation to dynamic electricity prices

- Whisper operation at the touch of a button** – reduces operating noise on request via app

Your heat pump works together with – Artificial Intelligence

Our **AI energy assistant** recognizes patterns, provides optimization tips and warns of unnecessary power consumption. This keeps your home comfortable while your energy costs are reduced.

100% control – with just one App

Experience full transparency and control in real time:

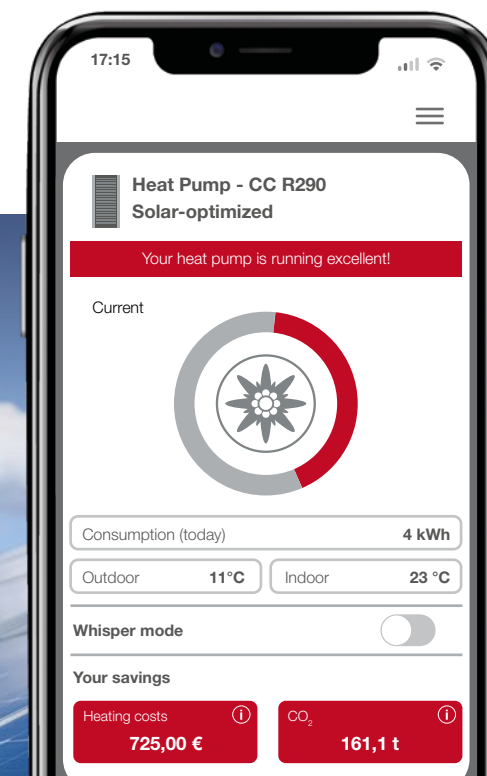
- Live monitoring of all energy flow points (heat pump, PV system, storage, car)
- Individual control via App – at home or on the go
- Heliotherm Heat Pump Cockpit** – engaging in efficient maximum control

Plug & Use – Ready to run in just a few minutes

It couldn't be easier: Our solution is compatible with over 500 devices, connectivity in most modern vehicles to Fronius. Whether it's a new installation or a retrofit – the integration only takes a few minutes.

The Heliotherm HEMS benefit:

- Up to 30% more PV power** for your heat pump
- Real grid serviceability**, thanks to intelligent load shift
- Updatable** - continued state-of-the-art technology





Highly efficient

SCOP
5,7

Adjustable
heat output variable



NEW



7 kW . 10 kW . 15 kW . 18 kW

Air Compact Heat Pump Comfort Compact R290

A green powerhouse!

Fully modulating Comfort Compact Air R290 Heat Pump dovetails the **environmentally friendly working fluid** to an **ideal** and **efficient** heating solution for the single and multi-family home. As one of the world's quietest air/water compact heat pump, it offers maximum home living comfort with minimum sound level. An impressive **SCOP of over 5.7**, it is one of the most efficient heat pumps on the market.

The **award-winning design** has earned a place as a **real premium solution** – elegant and technically superior. Thanks to its special evaporator design, its reliable high seasonal performance even in frost, fog or rain and requires up to 50% less energy for the defrosting process than comparable devices. **The perfect choice for demanding heating solutions!**



Ideal for renovation projects:

High heat outlet temperatures guarantee efficient operation even for modernization and new construction



Active cooling integrated – standard feature



Very quiet & aesthetic air compact heat pump in the world



Durable and weather-resistant thanks to **high-quality materials** – anodized aluminum and safety glass



Natural refrigerant R290

A+++



Powerbox
required, except
with ETG



Hydrobox
optional



ETG-Storage
suggested

Comfort Compact R290			SNT07L-M-R-CC	SNT10L-M-R-CC	SNT15L-M-R-CC	SNT18L-M-R-CC
Heat output range EN14825		kW	2,6 - 7,0	3,5 - 10,8	5,3 - 15,9	6,3 - 18,5
A12/W24	Heat output	kW	3,2	5,0	7,5	8,5
	COP	COP	9,5	9,5	9,5	9,5
A7/W27	Heat output	kW	2,6	3,6	5,3	6,3
	COP	COP	7,4	7,3	7,4	7,3
A2/W30	Heat output	kW	3,8	5,4	8,1	9,7
	COP	COP	5,6	5,4	5,6	5,4
A-7/W34	Heat output	kW	6,1	8,8	13,2	15,8
	COP	COP	3,5	3,5	3,5	3,5
A-10/W35	Heat output	kW	6,9	10,1	14,9	17,8
	COP	COP	3,1	3,1	3,1	3,1
SCOP* EN14825 climate zone medium			5,7	5,6	5,7	5,6
Energy efficiency class			A+++	A+++	A+++	A+++
Acoustic capacity acc. EN12102		dB(A)	44	44	47	49
GWP-Value			3	3	3	3
Max. heat outlet temperature		°C	72	72	72	72
Electric power – heating backup		kW	6	6	6	6
Dimensions (H x W x D)		mm	1.704 x 896 x 585	1.704 x 896 x 585	1.702 x 935 x 1.002	1.702 x 935 x 1.002
Operational weight		kg	220	230	260	270
A35/W7	cooling capacity	kW / EER	5,6 / 5,0	8,2 / 5,1	12,3 / 5,1	14,5 / 5,0
	COP					
A35/W18	cooling capacity	kW / EER	5,5 / 5,2	7,9 / 5,3	11,8 / 5,3	14,2 / 5,2
	COP					



CC-R290



Storage systems
Info p. 12/13 & 46-48



ECO-friendly refrigerant
ULTRA-LOW
GLOBAL WARMING POTENTIAL

DESIGN
PLUS
CUSTOM MADE
PRINT DESIGN



Highly efficient

HEATING

72°C

NEW

500 Liter

Possibly the smartest buffer storage solution! Storage ETG500 DUO

Heating, Cooling and Hot Water – All In One!

The **Heliotherm Easy-To-Go (ETG)** combined storage offers you a clever solution for all your **heating, cooling** and **domestic hot water needs**. The ETG combined storage joins the advantages of the Heliotherm buffer storage, a **highly efficient** fresh hot water system. This unique dual compartment combined storage buffer was specifically designed for the Comfort Compact Heat Pump Series and **includes a mounted Powerbox** for the heat pump control unit and **hydraulic module**.

The hydraulic module integrates all the essential components for: the Fresh Hot Water System, the heating circulation pumps, domestic hot water, a backup heater, and a mud separator. Together, installation is greatly simplified and saving time.



Safety for you and your family thanks to the **anti-legionella protection!**



Always fresh water thanks to the **anti-limescale technology!**



Simply more! Higher hot water volumes thanks to the extended function!



Minimal space requirements, quick installation!



Maximum system efficiency with simultaneous hydraulic system balancing!

A+++



HELIO THERM

Premium Heat Pumps

Storage		ETG500
Storage capacity	l	335
Heating storage capacity	l	120
Flow rate	l/min	22
Dimensions with insulation (Ø x H)	mm	760 x 1.998
Tilted dimension	mm	2.140
Dimension storage incl. module	mm	960 x 1.998
Empty weight	kg	125
Flow rate 12 l/min, Storage 70 °C	l	713

Innovative Heat And Fresh Hot Water Technology

The Heliotherm Easy-To-Go (ETG) combined buffer storage offers you a clever solution for all your heating solutions. It is available in special models, as a pure fresh hot water buffer storage which can be combined with an additional 2000 liter thermal battery. This combination ensures optimum heat distribution and hygienically perfect hot water. It also offers maximum safety thanks to its integrated protection systems. The ETG combined buffer storage stands for future-proof technology that takes both your energy efficiency and your comfort to a new level.

ETG500 Duo



or

ETG500 F



+

Thermal battery

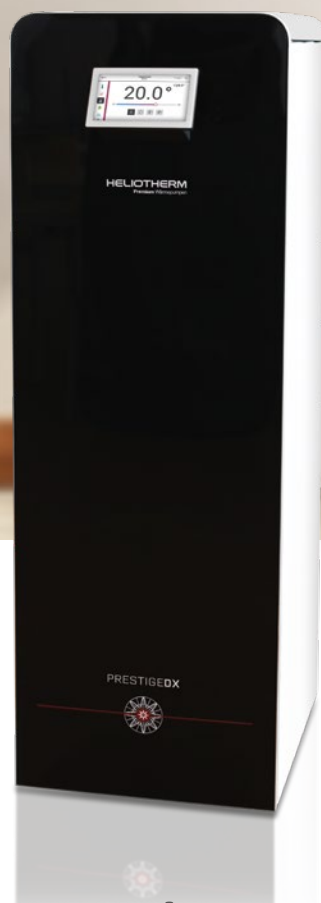




Highly efficient

SCOP
6,2

Adjustable
heat output variable



NEW

13 kW - 20 kW

Ground Heat Pump Brine & DX Prestige DX/BRINE

The legendary DX Heat Pump redefined! Connectivity for the future.

The new direct evaporation geothermal heat pump "PrestigeDX" is **quieter**, and **more efficient than ever!** Designed to enhance the future of your existing system, it offers intelligent remote maintenance, seamless photovoltaic connectivity integration, and maximum comfort. Combined with controllable high efficiency pumps, maximum energy saving is achieved. Your building can be used as a thermal storage facility, which means you can heat particularly cost-effectively and sustainably. Thanks to our innovative thoroughly developed and tested modulation technology, you can use more efficiently low electricity prices, produce your own electricity from photovoltaics or benefit from cheap tariffs from the power grid, and integrate your house as a thermally active battery.

The new geothermal heat pump with direct evaporation or brine heat pump enable optimal settings, which have been optimized using the latest control technology.



Ideal for **renovating** your existing system and for new construction



Passive cooling – optional



Over **25 % more efficient** than your previous direct evaporation heat pump



Full technology in the smallest space: Because every centimeter in your house counts



Energy Management
System Ready

A+++



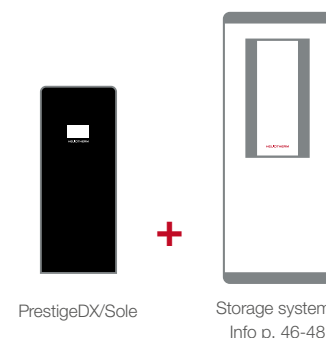
HELIO THERM

Premium Heat Pumps

PrestigeDX Heat Pump			PR13E-M-DX	PR20E-M-DX
Heat output range EN14825			5,2 - 14,5	7,8 - 22,5
E4/W24	Heat output	kW	7,0	5,6
	COP	COP	6,1	6,5
E4/W27	Heat output	kW	7,2	7,6
	COP	COP	6,0	6,3
E4/W30	Heat output	kW	6,6	11,4
	COP	COP	5,8	6,2
E4/W34	Heat output	kW	10,7	17,7
	COP	COP	5,8	6,1
E4/W35	Heat output	kW	12,1	20,1
	COP	COP	5,5	5,9
SCOP EN14825 climate zone medium			5,9	6,2
Acoustic power acc. (EN12102)		dB(A)	47	47
Dimensions (H x W x D)		mm	1.390 x 470 x 650	1.390 x 470 x 650
Operational weight		kg	152	158

Prestige Brine Heat Pump			PR13S-M	PR20S-M
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C				
Heat output range EN14825			5,1- 15,2	7,2 - 19,6
B0/W24	Heat output	kW	7,0	5,6
	COP	COP	5,7	5,9
B0/W25	Heat output	kW	7,2	7,6
	COP	COP	5,6	5,8
B0/W27	Heat output	kW	6,6	11,4
	COP	COP	5,2	5,5
B0/W30	Heat output	kW	10,7	17,7
	COP	COP	5,0	5,2
B0/W35	Heat output	kW	12,1	20,1
	COP	COP	5,1	4,9
SCOP EN14825 climate zone medium			5,3	5,6
Acoustic power acc. (EN12102)		dB(A)	45	47
Dimensions (H x W x D)		mm	1.700 x 600 x 670	1.700 x 600 x 670
Operational weight		kg	231	236

Reversible cooling – optional				
B10/W18	cooling capacity / COP	kW / EER	12,2 / 7,5	20,4 / 7,5
B10/W7	cooling capacity / COP		12,0 / 6,8	20,4 / 6,1



PrestigeDX/Sole

Storage systems
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Highly efficient

SCOP
6,2

Adjustable
heat output variable



NEW

8 kW . 12 kW . 20 kW

Ground Heat Pump Direct Evaporation PrestigeDX – R

Affordable today, sustainable tomorrow.
Stored heat from your own garden.

The geothermal direct evaporation and modulation heat pump impresses with its pure efficiency, without complicated drilling. The surface collectors are easy to install and do not take up any space in your garden.

The Ground Heat Pump is a direct system that does not require complex intermediate circuits. This means that you can reliably and maintenance-free maintain pleasant room temperatures in your home all year round. In the summer months, the system can be converted into an efficient cooling system by simply switching over.



Perfect for single and multi-family homes with sufficient garden space



Active cooling – optional



Heat outlet temperatures of up to **65 °C** possible



Compatible with modern building management systems



World's only **Reversible DX** heat pump

A+++



HELIO THERM

Premium Heat Pumps

PrestigeDX-R			PR08E-M-R-BC	PR12E-M-R-BC	PR20E-M-R-BC
Heat output range EN14825		kW	4,2 - 12,8	6,3 - 17,1	8,1 - 22,4
E4/W24	Heat output	kW	3,3	7,0	5,6
	COP	COP	5,9	6,1	6,5
E4/W27	Heat output	kW	3,3	7,2	7,6
	COP	COP	5,9	6,0	6,3
E4/W30	Heat output	kW	4,3	6,6	11,4
	COP	COP	5,7	5,8	6,2
E4/W34	Heat output	kW	7,1	10,7	17,7
	COP	COP	5,7	5,8	6,1
E4/W35	Heat output	kW	8,1	12,1	20,1
	COP	COP	5,7	5,9	6,2
SCOP EN14825 climate zone medium			5,8	5,9	6,2
Acoustic power acc. (EN12102)		dB(A)	42	43	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
Operational weight		kg	203	208	213

Reversible cooling – optional

E15/W18	cooling capacity / COP	kW / EER	8,2 / 7,8	12,2 / 7,4	20,3 / 7,4
E15/W7	cooling capacity / COP		8,1 / 6,4	12,1 / 6,8	20,3 / 6,1



PrestigeDX-R



Storage systems
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Highly efficient

SCOP
6,2

Adjustable
heat output variable

*preliminary data



COMING
SOON

5 kW . 8 kW

Multi-Source Heat Pump Cube Pro

Exceptional efficiency within the world's most efficient air heat pumps!

Our **Multisource technology** affords all the options on site. A heat pump that fits even in the smallest of spaces. How is that possible? This **Power Unit**, uses the best energy source on site. Whether geothermal energy, solar energy or ambient air, our Cube Pro Heat Pump is equipped to run with every energy source. Together with an expert installer partner, your planner, or your energy consultant, we will check on site which energy source is the best solution for your home. This flexible system makes it possible to **minimize your energy costs** with **efficient sustainability**.

Whether a ring-trench collector, PVT, or an outdoor air evaporator is used – our latest heat pump technology enables the use of all energy sources, or with combined sources.



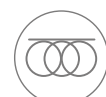
Renovation
New construction



Active & passive cooling –
integrated standard feature



No exhaust air system required



Can be perfectly combined with
a **ring trench collector**



Refrigeration circuit
hermetically sealed

A+++



HELIO THERM

Premium Heat Pumps

Power Unit 5/8



Perfection in Innovation

Our new Cube 5/8 Pro stands-out and impresses with its flexibility, efficiency and intelligent control. It can be **operated with various heat sources** – from deep probes to outdoor air evaporators, and is ideal for both new buildings and renovations.

The heart of the system is the powerful Power Unit 5/8 refrigeration circuit, which offers **maximum efficiency and minimal energy losses**. With low GWP refrigerants, we are actively contributing to climate protection.

Thanks to the R290 refrigerant, the Cube 5/8 Pro is fully eligible for subsidies and can be used as an

indoor brine heat pump. A brine evaporator also enables the use of air as an energy source.

“Our Cube 5/8 Pro is a milestone in heat pump technology and offers a future-proof solution for energy efficient heating and cooling,” explains Andreas Bangheri, founder of Heliotherm.

The innovative control technology **enables the combination of several energy sources** and guarantees sustainable operation at the lowest possible cost.



Cube Pro



Storage systems
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ECO-friendly refrigerant
ULTRA-LOW
GLOBAL WARMING POTENTIAL



Highly efficient

SCOP
6,2

Adjustable
heat output variable



COMING
SOON

8 kW . 13 kW . 18 kW . 25 kW

Brine Heat Pump Prestige Brine Pro

Maximum flexibility – Pure power for your home

The Prestige Brine Pro opens up completely new possibilities in heat pump installation, as it has been specially developed for indoor installation and optimized with a natural refrigerant. This makes it ideal for buildings in which outdoor installation is not desired or not possible – be it for aesthetic, structural or soundproof reasons.

Maximum efficiency thanks to the next generation of compressors, with the world's most efficient compressor technology, the Prestige Brine Pro sets new standards in terms of performance and cost-effectiveness. Its high-performance compressor not only guarantees exceptionally high efficiency, but also impresses with its extreme robustness and durability. This means lower operating costs over the entire service life and an investment that pays off in the long term.



Renovation
New construction



Active & passive cooling –
integrated standard feature



Indoor installation with
unique safety concept



Natural refrigerant R290



Heat outlet temperature –
up to **72 °C** possible

A+++



HELIO THERM

Premium Heat Pumps

Premium

The Summit of Possibility

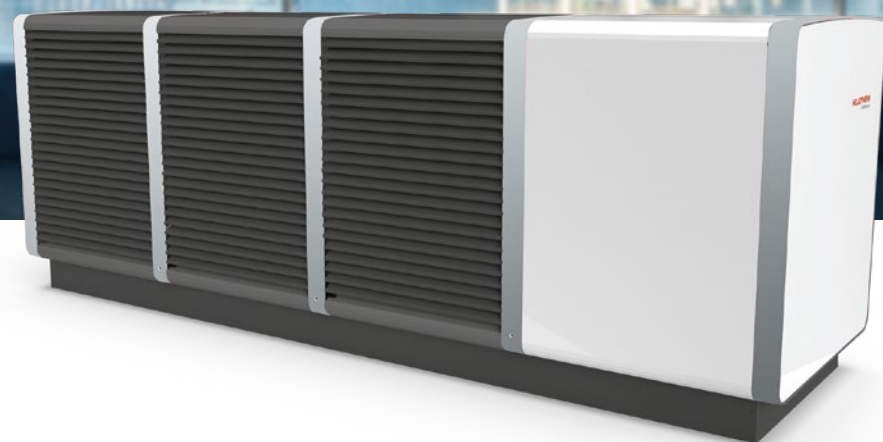


Highly efficient

SCOP
5,8

Adjustable
heat output variable

SOLID



COMING
SOON

45 kW . 55 kW

Air Compact Heat Pump Solid Compact Uni

Think big, Act big –
Heliotherm makes it possible

Our Air Compact Heat Pump is the **world's first heat pump** that operates with **A1, A2L and A3 refrigerants**. It offers **year-round heat and cooling** for commercial and multi-family homes. It uses free ambient air, a **reliable** and **weatherproof** heat pump, – thanks to **high-quality materials** such as aluminum and safety glass.

Durable **high-quality materials** guarantee longevity and are perfect for outdoor installation, while the low installation work effort makes commissioning easier. The highly efficient defrost process and extremely quiet operation, are thanks to its sound decoupling case design with special insulation, and guarantee maximum comfort. Equipped with a refrigeration circuit manager, a Powerbox and the RCG-X-Series for remote maintenance. This high engineered heat pump offers maximum efficiency and control.



Designed for residential and commercial buildings



Active cooling – integrated standard feature



Whisper quiet operation



Durable and weather-resistant thanks to **high-quality materials** such as aluminum and safety glass



Exceptional
UNI Technology

A+++



HELIOTHERM

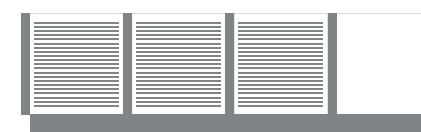
Premium Heat Pumps



Powerbox
required, except
with ETG

Solid Compact Luft		SNT45L-M-R-CC	SNT55L-M-R-CC
Heat output range EN14825		15 - 47	18 - 56
A12/W24	Heat output	15,8	19,2
	COP	9,6	9,5
A7/W27	Heat output	16,3	19,5
	COP	7,5	7,4
A2/W30	Heat output	24,3	29,8
	COP	5,7	5,6
A-7/W34	Heat output	39,5	48,4
	COP	3,6	3,5
A-10/W35	Heat output	45,1	53,7
	COP	3,1	3,1
SCOP EN14825 climate zone medium		5,8	5,7
Acoustic power acc. lt. EN12102		51	53
Dimensions (H x W x D)		1.516 x 1.136 x 3.900	1.516 x 1.136 x 3.900
Operational weight		1.025	1.095

Reversible cooling – optional		SNT45L-M-R-CC	SNT55L-M-R-CC
A35/W18 cooling capacity / COP	kW / EER	36,4 / 5,6	45,3 / 5,5
A35/W7 cooling capacity / COP	kW/EER	35,8 / 4,9	44,1 / 4,8



Solid Compact Uni



Storage systems
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ECO-friendly refrigerant
ULTRA-LOW
GLOBAL WARMING POTENTIAL

DESIGN
PLUS
CUSTOM MADE
PRINT DESIGN



Highly efficient

SCOP
5,0

Adjustable
heat output variable



8 kW . 12 kW . 18 kW . 25 kW

Air Compact Heat Pump Comfort Compact

A true masterpiece of efficiency

Simple, quick and cost effective – your future Comfort Compact Air Heat Pump can be that easy to install. Use the free ambient air energy to create a pleasant indoor climate all year round. In summer, the heat pump can cool your home providing a pleasant indoor climate.

High-quality materials guarantee longevity while meeting high safety standards. Merited the Red Dot Design Award, the CC Heat Pump further impresses with its flexibility: its outdoor installation allows for basements or technical rooms to remain free and efficiently ensures pleasant indoor temperatures.

Our Comfort Compact Heat Pump strikes interest with its elegant appearance. Your CC Air Heat Pump can be customized with a selection of optional designs that enhance your home and property. The Heliotherm DesignPlus complements the CC Heat Pump as a highlight in your garden, that harmoniously blends into your home surroundings.



Renovation
New construction



Active cooling – optional



Whisper quiet operation



Highly efficient defrost process
guarantees economical heating at
lowest outdoor temperatures



**Attractive purchase costs, and
simple and faster installation**

A+++



HELIO THERM

Premium Heat Pumps



Powerbox
required

Air Comfort Compact Heat Pump		S08L-M-CC	S12L-M-CC	S18L-M-CC	S25L-M-R-CC
Heat output range EN14825	kW	2,4 - 10,3	4,1 - 12,2	5,1 - 19,1	7 - 26,5
A12/W24 Heat output	kW	6,7	8,4	8,0	10,3
COP	COP	7,0	6,9	7,3	8,1
A7/W27 Heat output	kW	5,9	7,5	6,8	8,9
COP	COP	5,7	5,6	6,3	6,8
A2/W30 Heat output	kW	5,5	6,6	9,0	13,5
COP	COP	4,6	4,7	5,0	4,9
A-7/W34 Heat output	kW	8,8	10,6	15,9	22,5
COP	COP	2,7	2,7	3,0	2,7
A-10/W35 Heat output	kW	10,2	12,0	18,1	24,7
COP	COP	2,2	2,2	2,5	2,3
SCOP* EN14825 climate zone medium		4,5	4,6	5,0	4,9
Max. heat output temperature	°C	62	62	62	62
Acoustic power acc. lt. EN12102	dB(A)	48	50	51	55
Electric power – backup heater	kW	6	6	6	-
Dimensions (H x W x D)	mm	1.704 x 896 x 585	1.702 x 935 x 1.002	1.702 x 935 x 1.002	2.050 x 1.200 x 1.002
Total empty weight	kg	215	256	262	400

Reversible cooling – optional

A35/W18 cooling capacity / COP	kW / EER	8,2 / 4,0	11,0 / 4,2	13,8 / 4,0	17,1 / 4,2
A35/W7 cooling capacity / COP	kW / EER	7,1 / 3,8	9,0 / 3,8	11,9 / 3,7	17,0 / 3,9



Comfort Compact



Storage systems
Info p. 46-48

DESIGN
PLUS
CUSTOM MADE
PRINT DESIGN



Highly efficient

SCOP
5,2

Adjustable
heat output variable



18*
DEZIBEL

8 kW . 12 kW . 20 kW

Air Split Heat Pump Basic Comfort

Tailor-made, efficient, quiet & visually appealing – overall convincing across the board.

Our Air Heat Pump in Split Design can be easily installed in any building saving space, ie. a modest footprint in the basement or technical room or a suitable space 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 does not require drilling and therefore without complicated drill approval procedures.

The perfect interaction of the fully modulating air heat pump harmonizing with the quietest outdoor evaporator on the market offers many advantages. The “**DesignPlus**” can transform your outdoor air evaporator into a real design highlight that attracts everyone’s attention. Eye-catching surface designs are available with timeless customized modern or classic elegant optional designs, the DesignPlus heating system expresses your personal style.

* AIT Austrian Institute Of Technology:
20 dB, from a 3 m. distance. Perception limit from 20 dB. 40.1 dB directly on the device. Measured acoustic level at COP 5,3 (HP12L-M-BC 12 kW).



Renovation
New construction



Active cooling – optional



Quietest ambient air heat pump



Durable and **high grade**
weather resistant materials



No approval procedures,
easily installed in buildings

A+++

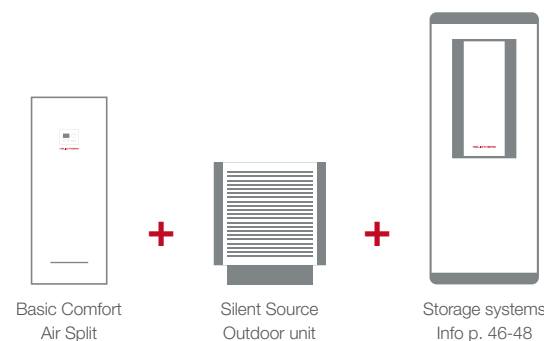


Air Split Heat Pump			HP08L-M-BC	HP12L-M-BC	HP20L-M-BC
Heat output range EN14825		kW	2,4 - 10,3	4,1 - 12,2	5,1 - 19,1
A12/W24	Heat output	kW	6,7	8,5	8,1
	COP	COP	7,4	7,3	7,6
A7/W27	Heat output	kW	6,0	7,6	6,9
	COP	COP	5,9	5,9	6,6
A2/W30	Heat output	kW	5,5	6,7	9,2
	COP	COP	4,8	4,9	5,2
A-7/W34	Heat output	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 EN14825 climate zone medium			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
Operational weight		kg	203	208	213

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

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	



DESIGN
PLUS
CUSTOM MADE
PRINT DESIGN



Highly efficient

SCOP
5,3

Adjustable
heat output variable

7 kW . 10 kW . 14 kW

Air Split Heat Pump Complete

Exceptionally quiet & future-proof:
The complete solution for heating,
cooling & domestic hot water.

This **compact All In One System** combines a powerful air heat pump with the world's quietest outdoor air evaporator and uses the ambient air as a reliable energy source. The Complete Heat Pump offers maximum efficiency in heating and cooling, **minimal noise levels** – inside and out – and a virtually maintenance-free system that is “Made in Tyrol”.

An integrated fresh water buffer storage, with **anti-limescale** build-up and **legionella protection** ensures **hygienic** perfect **hot water** and **maximum safety**. The Heliotherm Complete Air Heat Pump stands for maximum comfort, the latest technology and minimal operating costs – the perfect solution for your home living comfort.

* AIT Austrian Institute Of Technology:
20 dB, from a 3 m. distance. Perception limit from 20 dB. 40.1 dB directly on the device. Measured acoustic level at COP 5.3 (HP12L-M-BC 12 kW).



Renovation
New construction



Active cooling –
integrated standard feature



**Quietest outdoor air evaporator
on the market**, upright unit or
wall mount



Space-saving only **0,6 m²**
minimal footprint



Heating, cooling and domestic hot
water – all in one system

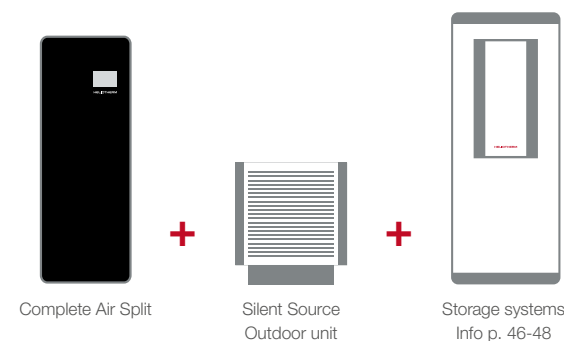
A+++



Air Split Heat Pump COMPLETE			S07L-M-R-CO	S10L-M-R-CO	S14L-M-R-CO
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C					
Heat output range		kW	2,0 - 7,0	4,0 - 10,0	5,0 - 14,0
A12/W24	Heat output	kW	2,9	3,8	4,8
	COP	COP	9,1	9,2	9,2
A7/W27	Heat output	kW	2,6	3,6	4,9
	COP	COP	7,0	7,1	7,1
A2/W30	Heat output	kW	3,8	5,5	7,6
	COP	COP	5,3	5,4	5,4
A-7/W34	Heat output	kW	6,3	9,0	12,4
	COP	COP	3,1	3,2	3,2
A-10/W35	Heat output	kW	7,1	10,2	14,0
	COP	COP	2,8	2,9	2,9
SCOP EN14825 climate zone medium			5,2	5,3	5,3
Energy efficiency class			A+++	A+++	A+++
Acoustic power acc. (EN12102)		dB(A)	37	37	37
Max. heat output temperature		°C	63	63	63
Refrigerant			R-410A	R-410A	R-410A
Stainless steel hygiene hot water storage		l	185	185	185
Electric power – backup heater		kW	6	6	6
Dimensions (H x W x D)		mm	1.945 x 710 x 800	1.945 x 710 x 800	1.945 x 710 x 800
Total empty weight		kg	278	285	292
A35/W18 cooling capacity / COP		kW / EER	5,0 / 4,4	7,0 / 4,5	10,0 / 4,4
A35/W7 cooling capacity / COP			5,0 / 4,0	7,0 / 3,9	9,9 / 4,1

OE Silent Source – upright unit		HPS60	HPS80	
Acoustic power acc. (EN12102)	dB(A)	40	40	
Dimensions (H x W x D)	mm	1.070 x 890 x 850	1.260 x 1.020 x 960	
Weight	kg	120	130	

OE Silent Source – wall mount		HPS60-W	HPS80-W	HPS100-W
Acoustic power acc. (EN12102)	dB(A)	41	41	43
Dimensions (H x W x D)	mm	1.090 x 887 x 588	1.202 x 1.036 x 620	1.314 x 1.185 x 620
Weight	kg	95	102	110



HELIOTHERM

Premium Heat Pumps

DESIGN
PLUS
CUSTOM MADE
PRINT DESIGN



Highly efficient

SCOP
5,3

Adjustable
heat output variable



7 kW . 10 kW . 14 kW

Air Split Heat Pump Cube

For everyone who wants to make a rational decision for the future:
The planning and cost-saving mini-choice for your home.

State-of-the-art modern technology “Made in Tyrol”, combined with an elegant design and many standard advantages such as **integrated active cooling** and innovative leading-edge modulation technology. The low-noise outdoor air evaporator makes it the quietest device on the market – right on your doorstep! No disturbance in the house, no nuisance in the garden and certainly no noise for the neighbors.

The Cube Air Split Heat Pump goes one step further, offering the optional PV connectivity is a solid step towards reducing heating costs altogether. In combination with the Heliotherm Fresh Hot Water System, where your domestic hot water is prepared efficiently, safe and hygienic.



Renovation
New construction



Active cooling –
integrated standard feature



Very quiet outdoor air evaporator
with optimized fan technology



Minimum space 0,6 m² footprint



Trouble-free heating operation even
at lowest outdoor temperatures

A+++



HELIO THERM

Premium Heat Pumps

Air Split Heat Pump CUBE			S07L-M-R-CU	S10L-M-R-CU	S14L-M-R-CU
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C					
A12/W24	Heat output	kW	2,9	3,8	4,8
	COP	COP	9,1	9,2	9,2
A7/W27	Heat output	kW	2,6	3,6	4,9
	COP	COP	7,0	7,1	7,1
A2/W30	Heat output	kW	3,8	5,5	7,6
	COP	COP	5,3	5,4	5,4
A-7/W34	Heat output	kW	6,3	9,0	12,4
	COP	COP	3,1	3,2	3,2
A-10/W35	Heat output	kW	7,1	10,2	14,0
	COP	COP	2,8	2,9	2,9
SCOP EN14825 climate zone medium			5,2	5,3	5,3
Energy efficiency class (35°C)			A+++	A+++	A+++
Acoustic power acc. (EN12102)			37	37	37
Max. heat output temperature			63	63	63
Refrigerant			R-410A	R-410A	R-410A
Electric power – backup heater			6	6	6
Dimensions (H x W x D)			955 x 710 x 800	955 x 710 x 800	955 x 710 x 800
Total empty weight			175	180	185

Reversible cooling – optional

A35/W18	cooling capacity / COP	kW / EER	5,0 / 4,4	7,0 / 4,5	10,0 / 4,4
A35/W7	cooling capacity / COP		5,0 / 4,0	7,0 / 3,9	9,9 / 4,1

OE Silent Source – upright unit		HPS60	HPS80	HPS100
Acoustic power acc. (EN12102)	dB(A)	40	40	43
Dimensions (H x W x D)	mm	1.070 x 890 x 850	1.260 x 1.020 x 960	1.314 x 1.185 x 620
Weight	kg	120	130	110

OE Silent Source – wall mount		HPS60-W	HPS80-W	HPS100-W
Acoustic power acc. (EN12102)	dB(A)	41	41	44
Dimensions (H x W x D)	mm	1.090 x 887 x 588	1.202 x 1.036 x 620	1.314 x 1.185 x 620
Weight	kg	95	102	110



Air Split Cube

+



Silent Source
Outdoor unit

+



Storage systems
Info p. 46-48



Highly efficient

SCOP
5,6

Adjustable
heat output variable



8 kW . 12 kW . 20 kW

Brine Heat Pump Basic Comfort

**Free heat from the ground with a brine probe or surface collector:
Flexible tailor-made solutions!**

Whether it's a large property or a small plot of garden land – our flexible brine heat pump “Made in Tyrol” reliably supplies your single-or multi-family home with comfortable heat in winter and optionally, with pleasant cool air in summer.

Our intelligent system is characterized by maximum flexibility. You can choose between the space-saving deep drill brine probe, which makes the stored energy deep in the ground usable; or the horizontal brine surface collector system in the garden, fulfilling the same task. Due to the closed brine circuit, both systems are of highest efficiency and very safe to operate.



Small plots of land
Renovation
New construction



Active cooling and/or
passive cooling – optional



Heat outlet temperatures of
up to **65 °C** possible



Integrated heat meter



Brine probe and surface collector
concealed method

A+++



HELIO THERM

Premium Heat Pumps

Birne Heat Pump Basic Comfort			HP08S10W-M-BC	HP12S16W-M-BC	HP20S25W-M-BC
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C					
Heat output range EN14825		kW	3,3 - 11,2	5,1- 15,2	7,2 - 19,6
B0/W24	Heat output	kW	1,2	7,0	5,6
	COP	COP	5,5	5,7	5,9
B0/W25	Heat output	kW	2,8	7,2	7,6
	COP	COP	5,5	5,6	5,8
B0/W27	Heat output	kW	4,4	6,6	11,4
	COP	COP	5,1	5,2	5,5
B0/W30	Heat output	kW	7,1	10,7	17,7
	COP	COP	5,0	5,0	5,2
B0/W35	Heat output	kW	8,5	12,1	20,1
	COP	COP	4,9	5,1	4,9
SCOP EN14825 climate zone medium			5,2	5,3	5,6
Acoustic power acc. (EN12102)		dB(A)	42	45	47
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
Operational weight		kg	226	231	236

Reversible cooling – optional

B10/W18	cooling capacity / COP	kW / EER	8,1 / 7,9	12,2 / 7,5	20,4 / 7,5
B10/W7	cooling capacity / COP		8,1 / 6,4	12,0 / 6,8	20,4 / 6,1



Basic Comfort
Sole



Storage systems
Info p. 46-48



Highly efficient

SCOP
6,1

Adjustable
heat output variable

7 kW . 10 kW . 14 kW

Brine Heat Pump Complete

Equipped for the requirements of our future: Efficient in performance, exceptionally quiet and elegant design.

The Complete Brine Heat Pump convinces with its closed brine circuit, using natural ground heat via a deep probe or a surface collector.

The **All-in-One system** with integrated 185 liter hot water buffer storage, in brilliant compact dimensions and maximum efficiency offer long-term advantages, possible connectivity to a photovoltaic system, and **passive cooling as a standard feature**. What more? The Complete heat pump is ideal for connectivity to intelligent power grids.



New construction
Renovation



Passive cooling –
integrated standard feature



Very quiet operation due to
sound optimized design



Minimum space **0,6 m² footprint**



Heating, cooling and domestic hot
water - **all in one system**

A+++

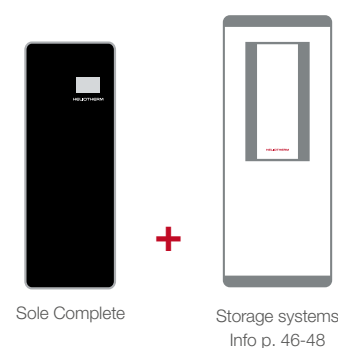


HELIOTHERM

Premium Heat Pumps

Brine Heat Pump COMPLETE			S07S-M-CO	S10S-M-CO	S14S-M-CO
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C					
Heat output range		kW	2,0 - 7,0	4,0- 10,0	5,0- 14,0
B0/W24	Heat output	kW	2,5	3,0	3,6
	COP	COP	6,6	6,7	6,7
B0/W27	Heat output	kW	2,7	3,5	5,0
	COP	COP	6,5	6,5	6,5
B0/W30	Heat output	kW	4,1	5,5	7,5
	COP	COP	6,0	6,0	6,1
B0/W34	Heat output	kW	6,5	8,8	12,4
	COP	COP	5,2	5,2	6,0
B0/W35	Heat output	kW	7,6	10,1	14,2
	COP	COP	4,9	5,0	5,0
SCOP EN14825 climate zone medium			5,9	6,0	6,1
Energy efficiency class			A+++	A+++	A+++
Acoustic power acc. (EN12102)			36	36	36
Max. heat output temperature			63	63	63
Stainless steel hygiene hot water storage			185	185	185
Electric power – backup heater			6	6	6
Dimensions (H x W x D)			1.945 x 710 x 800	1.945 x 710 x 800	1.945 x 710 x 800
Total empty weight			283	290	297

*Heat output variable is adjustable. Guideline, reference point details are found in the technical documentation. Tolerances according to EN 12900



Sole Complete

Storage systems
Info p. 46-48



Highly efficient

SCOP
6,1

Adjustable
heat output variable



7 kW . 10 kW . 14 kW

Brine Heat Pump Cube

**Depict a brighter look into the future:
Comfort with a contemporary look &
flexibility for every need!**

The Heliotherm Cube Brine Heat Pump meets all expectations in **flexibility, longevity** and **technological efficiency**. Brine as a water-based anti-freeze ensures comfortable warmth, but also the use of free environmental energy – a win for the environment and your budget.

This **high-tech wonder** combines powerful heating technology and cooling performance with maximum energy efficiency and a minimum footprint. The decision is made easy when looking for a solution that meets all your heating needs with confidence. The heating circulation pump, brine circulation pump and 3-way valve are integrated directly into the heat pump, thus making installation easier and accessible.



Large plots of land
Small plots of land
New construction
Renovation



Passive cooling – integrated
standard feature



Very quiet operation due to
sound optimized design



Compact design – **Minimum
space 0,6 m² footprint**



Photovoltaic connectivity –
integrated

A+++



HELIO THERM

Premium Heat Pumps

Brine Heat Pump CUBE			S07S-M-CU	S10S-M-CU	S14S-M-CU
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C					
Heat output range					
B0/W24	Heat output	kW	2,5	3,0	3,6
	COP	COP	6,6	6,7	6,7
B0/W27	Heat output	kW	2,7	3,5	5,0
	COP	COP	6,5	6,5	6,5
B0/W30	Heat output	kW	4,1	5,5	7,5
	COP	COP	6,0	6,0	6,1
B0/W34	Heat output	kW	6,5	8,8	12,4
	COP	COP	5,2	5,2	6,0
B0/W35	Heat output	kW	7,6	10,1	14,2
	COP	COP	4,9	5,0	5,0
SCOP* (annual efficiency)			5,9	6,0	6,1
Acoustic power acc. (EN12102)			36	36	36
Max. heat output temperature			°C	63	63
Electric power – backup heater			kW	6	6
Dimensions (H x W x D)			mm	955 x 710 x 800	955 x 710 x 800
Total empty weight			kg	180	185



Sole Cube



Storage systems
Info p. 46-48



Highly efficient

SCOP
6,7

Natural Technology
DX



3-10 kW . 5-15 kW

Ground Heat Pump DX and Brine Natural Technology

Ultimate comfort and a minimal ecological footprint. The most natural heat pump.

DX / DIRECT EVAPORATION

Experience, is the pinnacle of cost-effectiveness with the Heliotherm Natural Technology Heat Pump – Direct Evaporation, the undisputed most efficient ground source heat pump on the market. The energy is extracted from the ground through a surface collector system, then flows directly to the heat pump in the direct evaporation process. The result? An unprecedented level of energy resulting in savings and a highly efficient system.

BRINE PROBE

This method is particularly suitable for smaller plots of land and limited spaces, since the space required for the drilled holes is minimal. The double-walled probes, in which the brine mixture efficiently circulates, extracts the free stored energy from the ground. The heat provided by the heat pump flows seamlessly into your heating system, ensuring a pleasant indoor climate.



Renovation
New construction



Heat outlet temperature –
of up to **72°** possible



**Most efficient heat pump
technology manufactured**



Outdoor installation



Eco-friendly refrigerant R290

A+++



Natural Technology



Storage systems
Info p. 46-68

HELIO THERM

Premium Heat Pumps

Natural Technology Heat Pump DX		SNTM 3-10	SNTM 5-15
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C			
Heat output range	kW	1,8 - 10,0	5,0 - 15,0
Heat output at E4/W35	kW	10,0	15,5
COP at E4/W35	kW	6,2	6,2
Heat output at E4/W55	kW	9,8	15,1
SCOP (EN14825) climate zone medium		6,7	6,7
Max. heat output temperature	°C	70	70
Acoustic power acc. (EN12102)	dB(A)	48	48
Dimensions (H x W x D)	mm	1.057 x 1.018 x 649	1.057 x 1.018 x 649
Weight	kg	125	126

Natural Technology Heat Pump Brine		SNTM-S-3-10	SNTM-S-5-15
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C			
Heat output range	kW	3,0 - 10,0	5,0 - 15,0
Heat output at B0/W35	kW	6,6	10,4
COP at B0/W35	kW	5,4	5,7
Heat output at B0/W55	kW	6,5	10,2
COP at B0/W55	kW	3,0	3,2
SCOP (EN14825) climate zone medium		6,1	6,3
Max. heat output temperature	°C	72	72
Acoustic power acc. (EN12102)	dB(A)	51	51
Dimensions (H x W x D)	mm	1.057 x 1.018 x 649	1.057 x 1.018 x 649
Weight	kg	125	135

ECO-friendly refrigerant
ULTRA-LOW
GLOBAL WARMING POTENTIAL

DESIGN
PLUS
CUSTOM MADE
PRINT DESIGN



Highly efficient

SCOP
7,2

Adjustable
heat output variable



10 kW . 16 kW . 25 kW

Groundwater Heat Pump Basic Comfort

**Natural power, refreshingly efficient:
Your ideal solution, even for renovations.**

Opting for the Heliotherm Groundwater Heat Pump gives you indisputable benefit from its impressive efficiency, and guaranteed performance promising unsurpassed efficiency. Inclusive, this innovative system sustainably reduces your home's heating operating costs.

Due to precise two well bores, the Heliotherm Groundwater Heat Pump takes up hardly any space in the garden and can be easily installed almost anywhere in the building. The groundwater heat pump's outstanding performance is based on its flexibility in terms of water quality. Whether your groundwater has difficult water conditions, e.g. changing water temperatures, our groundwater heat pump performs highly efficiently in combination with a titanium-welded stainless steel spiral or plate heat exchanger.



Renovation
New construction



Active cooling and/or
passive cooling – optional



Whisper quiet operation



Heat outlet temperatures –
of **up to 65 °C** possible



Integrated heat meter

A+++



HELIOTHERM

Premium Heat Pumps

Basic Comfort Groundwater Heat Pump		HP08S10W-M-BC	HP12S16W-M-BC	HP20S25W-M-BC
Performance data acc. EN 14825, climate zone medium, heat outlet temperature 35 °C				
Heat output range EN14825	kW	6,2 - 14,4	7,4 - 19,9	9,3 - 26,2
W10/W24 Heat output	kW	2,1	2,6	5,9
COP	COP	6,9	7,2	7,4
W10/W25 Heat output	kW	4,1	5,5	8,6
COP	COP	7,1	7,4	7,5
W10/W27 Heat output	kW	5,4	8,6	13,4
COP	COP	6,8	7,0	7,3
W10/W30 Heat output	kW	8,8	14,1	22,0
COP	COP	6,4	6,6	6,8
W10/W35 Heat output	kW	10,0	16,2	25,2
COP	COP	6,6	6,8	6,7
SCOP EN14825 climate zone medium		6,8	7,1	7,2
Acoustic power acc. (EN12102)	dB(A)	40	43	45
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
Operations weight	kg	226	231	236

Reversible cooling – optional

W10/W18 cooling capacity / COP	kW / EER	8,1 / 7,9	12,2 / 7,5	20,4 / 7,5
W10/W7 cooling capacity / COP		8,1 / 6,4	12,0 / 6,8	20,4 / 6,1

Basic Comfort Groundwater Heat Pump Spirec		HP08S10W-M-S-BC	HP12S16W-M-S-BC	HP20S25W-M-S-BC
W10/W35 Heat output	kW	10,8	13,7	24,8
COP	COP	6,1	6,1	6,0
SCOP EN14825 climate zone medium		6,4	6,7	6,9
Acoustic power acc. (EN12102)	dB(A)	40	43	45
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
Operations weight	kg	226	238	243

Reversible cooling – optional

W10/W18 cooling capacity / COP	kW / EER	7,7 / 7,5	11,6 / 7,1	19,2 / 7,1
W10/W7 cooling capacity / COP		7,7 / 6,0	11,4 / 6,4	19,2 / 5,8
SEER at W10/W18		6,8	6,4	6,5



Wasser Basic
Comfort



Storage systems
Info p. 46-48



- **Highly efficient** through **innovation modulations technology**
- **RCG-X-Series** for remote maintenance included
- **Durable** and **weatherproof high-quality materials** such as **anodized aluminum and safety glass**

Highly efficient

SCOP
5,2

Adjustable
heat output variable

SOLID



DESIGN
PLUS
CUSTOM MADE
PRINT DESIGN

A+++

30 kW . 40 kW . 55 kW

Air Heat Pump Split Large – Solid

The Solid Air Split Large Heat Pump is perhaps the quietest performing air heat pump of its kind. The output performance ranges are ideal for hotels, residential or commercial buildings. The Silent Source outdoor air evaporator extracts the energy from the ambient air, flowing through the high quality engineered design that stands out characterized by excellent sound insulation. Its small footprint and customizable design, fits perfectly in any suitable environment. The fully modulation technology sets new standards in relation to high-efficiency heating performance.

Air Heat Pump Split Large – Solid			S30L-M-Solid	S40L-M-Solid	S55L-M-Solid
Performance data acc. EN 14825, heat outlet temperature 35 °C					
A12/W24	Heat output	kW	12,4	14,1	17,3
	COP	COP	8,0	8,1	8,0
A7/W27	Heat output	kW	13,6	14,5	17,6
	COP	COP	6,5	6,7	6,5
A2/W30	Heat output	kW	14,6	20,9	27,4
	COP	COP	5,2	5,3	5,2
A-7/W34	Heat output	kW	24,6	34,6	43,2
	COP	COP	3,0	3,1	3,0
A-10/W35	Heat output	kW	27,3	39,7	48,9
	COP	COP	2,5	2,6	2,5
SCOP* EN14825 climate zone medium			5,1	5,2	5,1
Energy efficiency class (35 °C)			A+++	A+++	A+++
Acoustic power acc. (EN12102)		dB(A)	42	42	42
Max. heat output temperature		°C	62	62	62
Dimensions (H x W x D)		mm	1.602 x 687 x 715	1.602 x 687 x 715	1.700 x 913 x 1.703
Total weight		kg	210	250	380

Reversible cooling – optional				
A35/W18	cooling capacity / COP	kW / EER	20,2 / 4,2	30,3 / 4,2
A35/W7	cooling capacity / COP		20,1 / 4,0	40,2 / 4,2

OE Silent Source – upright unit		HPS240	HPS300
Acoustic power acc. (EN12102)		42	44
Dimensions (H x W x D)		1.506 x 1.137 x 1.998	1.506 x 1.137 x 2.953
Weight		281	455

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



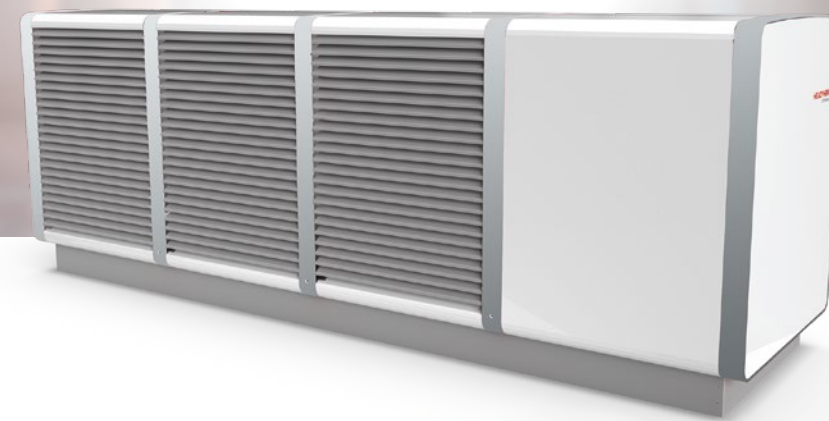
- **Highly efficient** through **innovation modulations technology**
- Heat pump for outdoor installation
- **Durable** and **weatherproof high-quality materials** such as **anodized aluminum and safety glass**
- Elegant design, **individual customizable print surface** (e.g. in corporate design)
- **RCG-X-Series** for remote maintenance included

Highly efficient

SCOP
5,2

Adjustable
heat output variable

SOLID



DESIGN
PLUS
CUSTOM MADE
PRINT DESIGN

A+++

30 kW . 40 kW . 55 kW

Air Heat Pump Compact Large – Solid

Efficient, innovative, renewable technology, impressive fully modulating Solid Compact Air Heat Pump presents highest quality with an intelligent design. Its high performance extends with an outlet temperature of up to – 62 °C and possible integration into existing systems. A first choice for renovation projects of hotels and commercial buildings. Reliable, economical, durable and eminently quieter low vibration operation due to its optimized engineered acoustic case design.

Air Heat Pump Compact Large – Solid			S30L-M-CC	S40L-M-CC	S55L-M-CC
Performance data acc. EN 14825, heat outlet temperature 35 °C					
A12/W24	Heat output	kW	12,4	14,1	17,3
	COP	COP	8,0	8,1	8,0
A7/W27	Heat output	kW	13,6	14,5	17,6
	COP	COP	6,5	6,7	6,5
A2/W30	Heat output	kW	14,6	20,9	27,4
	COP	COP	5,2	5,3	5,2
A-7/W34	Heat output	kW	24,6	34,6	43,2
	COP	COP	3,0	3,1	3,0
A-10/W35	Heat output	kW	27,3	39,7	48,9
	COP	COP	2,5	2,6	2,5
SCOP* EN14825 climate zone medium			5,1	5,2	5,1
Energy efficiency class (35 °C)			A+++	A+++	A+++
Acoustic power acc. (EN12102)		dB(A)	51	53	55
Max. heat output temperature		°C	62	62	62
Dimensions (H x W x D)		mm	1.516 x 1.136 x 2.948	1.516 x 1.136 x 2.948	1.516 x 1.136 x 3.900
Total weight		kg	660	675	1.025

Reversible cooling – optional				
A35/W18	cooling capacity / COP	kW / EER	20,2 / 4,2	30,3 / 4,2
A35/W7	cooling capacity / COP		20,1 / 4,0	40,1 / 4,0

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



Highly efficient

SCOP
6,0

Adjustable
heat output variable

SOLID



- The Large Solid Brine Heat Pump with a **SCOP* of 6.0**, delivers, on an annual average, 6 kW heat output with only 1 kW consumption
- **Integrated KNX-Connection** for integrated control
- **RCG-X-Series** for remote maintenance included
- **Highest SPF** even in partial load operation

A+++

30 kW . 40 kW . 60 kW . 100 kW

Brine Heat Pump Large – Solid

This fully modulating Solid Brine Heat Pump performs with undisputable dynamic efficiency. This large heat pump uses geothermal energy to heat and cool economically, with an impressive heat output of up to 100 kW. Hotels, commercial businesses and large residential buildings benefit equally from sustainable power. High quality materials, minimum maintenance and a whisper quiet operation, offers the optimum choice. A heat pump could hardly be more efficient, more powerful, more reliable and cooler.

Brine Heat Pump Large – Solid			30S40W-M-Solid	40S50W-M-Solid	60S80W-M-Solid	100S120W-M-Solid
Performance data acc. EN 14825, heat outlet temperature 35 °C						
B0/W24	Heat output	kW	7,4	9,9	16,2	24,2
	COP	COP	5,8	5,8	6,8	6,4
B0/W27	Heat output	kW	10,8	14,4	19,5	29,2
	COP	COP	5,7	5,7	6,3	6,6
B0/W30	Heat output	kW	16,0	21,3	32,8	48,6
	COP	COP	5,3	5,5	5,7	6,0
B0/W34	Heat output	kW	26,1	34,8	52,1	77,4
	COP	COP	5,0	5,0	5,0	5,2
B0/W35	Heat output	kW	30,1	40,1	58,5	91,9
	COP	COP	5,1	4,9	4,8	5,0
SCOP* EN14825 climate zone medium			5,7	5,4	5,8	6,0
Acoustic power acc. (EN12102)		dB(A)	50	55	58	61
Max. heat output temperature		°C	62	62	62	62
Dimensions (H x W x D)		mm	1.602 x 687 x 715	1.602 x 687 x 715	1.700 x 913 x 1.203	1.700 x 913 x 1.203
Total weight		kg	220	265	520	630
Reversible cooling – optional						
B10/W18	cooling capacity / COP	kW / EER	20,2 / 9,3	30,3 / 9,3	45,2 / 8,1	70,5 / 7,7
B10/W7			20,1 / 7,4	30,1 / 7,4	45,1 / 6,3	70,1 / 6,6

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



Highly efficient

SCOP
8,3

Adjustable
heat output variable

SOLID



- An impressive **SCOP* of 8,3** gives you 8,3 kW heating output of 1 kW electricity
- **Integrated KNX connection** for complete building control
- **RCG-X-Series** for remote maintenance included
- **High-quality, durable materials** for a long service life

A+++

40 kW . 50 kW . 80 kW . 120 kW

Water Heat Pump Large – Solid

The Solid Water Heat Pump Large Design is a technological masterpiece, and is an assertive right choice for new spacious residential buildings, hotels and commercial properties. The fully modulating large water heat pump is excellent for renovation projects with maximum efficiency, reliable and state-of the art technology. Further, as a responsible builder who makes an important contribution to climate protection, while relying on the Solid Water Large Heat Pump for innovative technology, and a sustainable Green Reputation!

Water Heat Pump Large – Solid			30S40W-M-Solid	40S50W-M-Solid	60S80W-M-Solid	100S120W-M-Solid
Performance data acc. EN 14825, heat outlet temperature 35 °C						
W10/W24	Heat output	kW	10,6	13,2	21,7	32,2
	COP	COP	7,1	7,1	8,4	8,5
W10/W27	Heat output	kW	14,5	18,1	26,7	44,9
	COP	COP	7,3	7,3	8,7	8,9
W10/W30	Heat output	kW	21,5	26,9	40,2	63,8
	COP	COP	7,0	6,8	7,7	7,8
W10/W34	Heat output	kW	35,5	44,4	70,9	108,0
	COP	COP	6,6	6,0	6,4	6,5
W10/W35	Heat output	kW	39,9	49,8	79,5	120,5
	COP	COP	7,0	5,8	6,1	6,2
SCOP* EN14825 climate zone medium			8,3	7,0	7,7	7,8
Acoustic power acc. (EN12102)		dB(A)	50	55	58	61
Max. heat output temperature		°C	62	62	62	62
Dimensions (H x W x D)		mm	1.602 x 687 x 715	1.602 x 687 x 715	1.700 x 913 x 1.203	1.700 x 913 x 1.203
Total weight		kg	220	265	520	630
Reversible cooling – optional						
W10/W18	cooling capacity / COP	kW / EER	29,8 / 9,3	39,8 / 9,3	59,2 / 8,1	105,5 / 7,7
W10/W7			30,3 / 7,4	40,4 / 7,4	61,0 / 6,3	100,5 / 6,6

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



STORAGE

ANTI-
LIMESCALE
TEMPERATURE
CONTROL

STORAGE

300 . 500 . 850 . 1.500 Liter

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 within minutes time.

The heating water in the system's buffer storage serves as the heat source, ensuring maximum efficiency and hygienic domestic hot water preparation. The maintenance free hot water preparation works without additional electrical heating, protects the heat pump and guarantees a long system service life.



Prevents germs or Legionella growth in drinking water



Lower energy demand –
no constant heating up the storage content



Ready fast heating to the recommended 48 °C,
prevents water lime flocculate



Maintenance free hot water preparation works without additional electrical heating



Heliotherm Fresh Hot Water System		ZH-FS3101	ZH-FS5101	ZH-FS9101	ZH-FS15101
Storage capacity	l	300	476	805	1.500
Capacity	l/min	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
Tilted 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-FWS01N	ZH-FWS01N	ZH-FWS02N	1-2x ZH-FWS02N



800 Liter

Combined Storage Dual Compartment

Combined buffer storage with integrated Fresh Hot Water System. The design is complete with separate compartments, proceeding with an ideal performance for heating, cooling and domestic hot water supply for the entire household. The fresh water module is equipped with a heat exchanger, a high efficiency pump, a flow switch, ball valves and a robust hard shell foam casing.



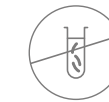
Dual compartment storage for **heating, cooling and domestic hot water**



Exceptional space-saving design



Suitable for **active cooling** up to 7 °C



Hygienic and efficient hot water preparation, prevents Legionella through counter flow principle with heat exchanger technology



Combined Storage Dual Compartment		
Capacity	l/min	22
Storage capacity hot water	l	502
Storage capacity heating	l	315
Dimensions with insulation (Ø x H)	mm	994 x 2.190
Tilted dimension	mm	2.190
Weight	kg	170



STORAGE

300 . 500 . 850 . 1.500 Liter

Heliotherm Buffer Storage

Efficiently stored heat of untapped thermal energy is retained for later use. The hot water buffer storage works primarily where the heat requirement is not constant, by reducing cycle operation and preventing uneven heat generation. The heat is provided as needed, ensuring uniform heat supply. Assuring that the heat produced will always work with optimum performance.



Consistent heating water flow



Increased efficiency through optimum heat pump utilization



Efficient hard foam **thermal insulation**



Buffer Storage		ZH-S3101N	ZH-S5101N	ZH-S9101N	ZH-S15101N
Storage capacity	l	300	476	805	1.500
Tilted dimension	mm	2.011	2.029	2.015 (without insulation)	2.335 (without insulation)
Dimension (Ø x H)	mm	660 x 1.900	750 x 1.920	790 x 1.990 (without insulation)	1.100 x 1.920 (without insulation)
Weight	kg	80	94	165	246

Check list

Your Inquiry Notes at Heliotherm

Contact data

Name	
Address	
Postal code / City	
Telephone	
E-Mail	

Notes:

Installation/Building Property

☐ Existing building	Year built :
☐ New construction	Construction start :
☐ Family residence	m ²
☐ Multi-family home with apartments	m ²
☐ Business / Commercial	m ²
☐ House with business	m ² m ²
☐ Property land area	m ²
☐ Other	

Notes on the building, if heating requirement or energy certificate is available:

Heat pump application:

Heating: ☐	Cooling: ☐	DHW: ☐
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Heat extraction system:

Heat source: Ground ☐	Brine/ Surface collector	☐
	Direct evaporation / Surface collector	☐
	Brine / Bore drilling	☐
	Ring-trench collector	☐
Heat source: Air ☐	Air Split	☐
	Air Compact	☐

Real-time Control webcontrolAT®

The “webcontrolAT” is a resourceful and innovative heat pump control solution that regulates your household room temperatures whether from home or on the go – while maximizing your heat pump system’s energy efficiency. Heat pump notifications are immediately sent via SMS or email, keeping you updated at all times.



- **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 data storage
- Live and long-term data can be **accessibility from any device** using any browser, and **regardless of location**





Premium Heat Pumps

Heliotherm Wärmepumpentechnik Ges.m.b.H.

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