

HP Complete & HP Cube

The compact heat pump system from Heliotherm



HELIO THERM
The Heat Pump

Compact
Efficient
Intelligent



Your Way to **Independence**

The future of modern heating

starts with Heliotherm heat pumps.

New Building or Renovation

Home living comfort, essential heating and security. Enjoy a well temperatured hot shower or bath bath. Comfortable and pleasant cooled rooms in the summer. Valuable living space is efficiently used, gain space for your hobbies. Have more monthly savings, save on energy costs and invest it on a new construction or renovation and invest in things that give you more pleasure in life. At the same time, protecting the environment and responsibly using resources towards sustainability. You set on trendsetting technologies that increase the value of your property. It's more than a heat pump system - It's actively making a higher Quality of Life!

It is your home.
It ist your heat pump.
It's your feeling for Life.



RCG Xseries®



web control®



Optimized
refrigerant cycle



dsi-technology®

Passive cooling - Natural cooling

Direct cooling with heat pumps

The process in passive cooling, is that the liquid energy source is directed to an external heat exchanger. The heat pump controls the hydraulics so that the heating water flows through the external heat exchanger. The heating water is cooled down by the groundwater or brine. The heat pump does not have to actively cooperate. Hence, lowest electricity costs are incurred keeping the building cool in summer.

Pleasant cooling effect
without extra effort.



Cooling

HP Complete

The smart solution for all needs.



The COMPLETE model

is an **all-in-one heat pump system** with an integrated 220 l hot water hygiene buffer storage with minimal external dimensions and **maximum efficiency technology**. It provides you with comfortable warmth and with sufficient hot water at any time. Through **innovative** hot-water stratification technology this unit provides 220 l of hot water within 2 hours and requiring **1.5 kW** of energy.

Complete heating system

A boiler room belongs to yesterday! The attractive SMS Complete case conceals everything you need to feel good in heating comfort. **Heating, cooling and domestic hot water system** stands on **0.45 m² of space**, even for smaller living spaces.

Heating cost savings through maximum efficiency

The SMS Complete is the result of decades of **research, development and experience**, and proves convincing with best performance values. **SCOP's of more than 5.2** are quite natural. The latest storage buffer technology also minimize standstill losses.

- ✓ **PV-Syncro** ▶ optional PV connection to SMS HP
- ✓ **SG-Ready** ▶ for intelligent networks
- ✓ **Integrated HD Display**
- ✓ **Less maintenance and easy installation**
- ✓ **Energy efficiency class A+++**
▶ very economical in operation
- ✓ **Optimum hot water supply 220 l / 2 h with only 1.5 kW input**
▶ legionella protection function
- ✓ **Passive cooling** for perfect indoor climate in the warm season
- ✓ **Exceptionally quiet** ▶ the acoustic level compares to the modern dishwasher
- ✓ **Worldwide control** via **webcontrolAT®**
- ✓ **High efficiency pumps** ▶ heating and energy source side

A+++
ENERGY



Modulation



Cooling



Water



Brine

HP Cube

The power unit as a built-in appliance.

The CUBE model

has the dimensions of a conventional kitchen appliance or dishwasher; at the same time a performance power package realization. It is truly a power package, which can be optionally ordered as a built-in appliance. The CUBE unit opens up completely new solutions for decentralized heating and hot water supply for apartment buildings or renovation projects. The ideal composition of components render the perfect interaction of power consumption and maximum efficiency. Heliotherm has developed in The Cube has especially developed working parts which optimize the operating temperature that reduce maintenance intervals of all components.

Heating cost savings through maximum efficiency

The SMS Complete is the result of decades of **research, development and experience**, and proves convincing with best performance values. **SCOP's of more than 5.2** are quite natural.

- ✓ **Minimum space requirement**
- ✓ **PV-Syncro** ▶ optional PV connection to SMS HP
- ✓ **SG-Ready** ▶ for intelligent networks
- ✓ Less maintenance and easy installation
- ✓ Energy efficiency class **A+++**
▶ corresponds to the modern dishwasher
- ✓ **Passive cooling** for perfect indoor climate in the warm season
- ✓ **Exceptionally quiet** ▶ low acoustic level compares to the modern dishwasher
- ✓ **Worldwide control** via **webcontrolAT**®
- ✓ High efficiency pumps ▶ heating and energy source side



A+++
ENERGY



Modulation



Cooling



Water



Brine

Your Way to **Independence**

Complete heating system control

Smart device intuitive control.



webcontrolAT®

Product description

The **webcontrolAT®** user interface opens up a new world of heating regulation control. The fully graphic responsive design surface is built on an **intuitive operating concept**. This HD touch display allows the user to conveniently control the Heliotherm heat pump system with ease from anywhere in the world with any browser-based device. No additional App download is required!

The **webcontrolAT®** user interface was created as a responsive design and can be therefore independently operated from device's screen size.

Whether you use the **big screen smart TV** or conveniently from your **smartphone**, you always have full control of your Heliotherm heat pump system.



webControlAT®

Cube / Complete		Cube 1-6	Cube 1-6	Complete 1-6	Complete 1-9
Technical data acc. to EN 14825 ΔT5K					
Heat output at B0/W35	kW	6,3	8,6	6,3	8,6
Power input at B0/W35	kW	1,7	2,1	1,7	2,1
Heat output at B0/W55	kW	5,7	7,8	5,7	7,8
Power input B0/W55	kW	2,4	2,8	2,4	2,8
Max. outlet heating temp. at B0	°C	62	62	62	62
Back Up heating bar	kW	2 / 4 / 6	2 / 4 / 6	2 / 4 / 6	2 / 4 / 6
Refrigerant gas		R410a	R410a	R410a	R410a
Refrigerant gas capacity	kg	1,8	2,2	1,8	2,2
SCOP (EN14825) at B0/W35		5,2	5,3	5,2	5,3
Hot water storage tank	l	-	-	220	220
Dimensions (H x W x D)	mm	900 x 680 x 680	900 x 680 x 680	1950 x 600 x 780	1950 x 600 x 780



Made in Austria Design

Choice materials combined with innovative technology has become synonymous with Heliotherm Quality. The new SMS Series design clearly follows the same quality standards of the entire product range. The product that has emerged is a composition of elegance of high-quality materials. The noticeable first-class workmanship front panel tempered glass elements compliment the unit and is safely suitable for every house and building.

