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KRONOTERM 1976
HEAT PUMPS



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VERSI
HEAT PUMP

Multifunctional both in design and use



ADVANTAGES

A broad spectrum of usage

Do you need a heating solution for your **low-energy building**, whether it's a small house, apartment, or weekend cottage? Maybe you have a **small office building**, or even a **cabin** in the mountains? Well, what about investing in an **unintrusive appliance** that is **quiet** and **efficient**, and can be installed easily in an unseen corner of your building? VERSI heat pumps were made precisely for buildings with **limited space**, with intelligent design elements facilitating the system's complete customization as per your needs. They are quite functional, providing **both heating and cooling**, as well as domestic hot water. Also, the VERSI line is compatible with both **radiators and in-floor or wall-panel heating**.

Small design lots of comfort

Do you want an **efficient, affordable, quiet, and environmentally friendly** way to heat your home? Is your home in a tightly packed community with very little outdoor space, or would you simply prefer to use your lawn for recreation and relaxing? The VERSI line was designed for users who have scant **little space** for installing a heat pump. To save even more space, both the indoor and outdoor unit can be installed right up against the wall. Such a compact design also makes for faster and easier installation, not to mention a much easier time **transporting the appliance up a flight of stairs**.

Installation options

Our solutions are perfect for owners with little free space available inside and outside their home. If so inclined, hide your heat pump entirely and install it **inside**, either in an **attic or a basement**, or even frame it in a small closet in one of your rooms. VERSI appliances also work great on a **balcony**, with the **flexible exhaust** allowing you to direct the flow of inlet and exhaust air wherever works best. The line's sleek contours fit with your building's architecture, even elevating the aesthetic. Installation is simple and modular, both in the indoor and outdoor setups.

VERSIONS

VERSI-O

A⁺⁺

A⁺⁺⁺

4,97 SCOP SEASON CAPACITY

2-6 kW HEATING CAPACITY

Designed to **work outdoors**. Install it in your yard or driveway, on your patio, or even on the walls of your building. It can be mounted up the wall, so it takes up as little space as possible around your home. VERSI-O is distinguished by extremely **silent operation and premium design**. The compact VERSI-O air/water outdoor heat pump is made to work in **combination with the HYDRO C2 or HYDRO S2 indoor units**.

Visually, the outdoor unit blends in with the surroundings and the building itself, becoming a part of it and going unnoticed by passersby. It is available in colors NERO, OLIO*, ANTHRACITE* NEBBIA*, as well as in the CORTEN* or INOX* material versions.



· W: 800; H: 1215; D: 600 mm



*Estimated delivery in 2023.

VERSI-I

A⁺⁺

A⁺⁺⁺

4,84 SCOP SEASON CAPACITY

2-6 kW HEATING CAPACITY

The compact VERSI-I air/water heat pump is meant for **indoor installation**. It comes stocked with every component necessary, **without any additional indoor hydraulic unit**. If you want to heat tap water with it, simply connect it to your DHW storage tank. The VERSI-I's small size makes it possible to be installed in an attic, **under the stairs, in a basement, or simply in a corner or small room**. It is designed to be placed next to other household appliances or furniture. The minimalistic and monolithic design, coupled with its near silence, helps it blend in unnoticed with the rest of the interior.

Air is drawn to the heat pump through specially insulated aeration ducts. Both **wall and roof solutions** are available for air suction and exhaust. You can choose between a slatted vent for the wall or perforated cover for the roof.

The VERSI-I is a wonderful solution for anyone who wants a heat pump installed inside their building, while reaping the benefits of its small size and efficient operation.



· W: 600; H: 1280; D: 710 mm



VERSI-X

A⁺⁺

A⁺⁺⁺

4,84 SCOP SEASON CAPACITY

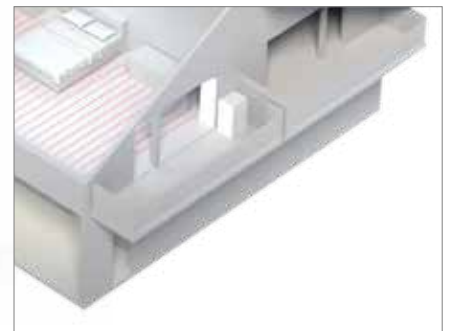
2-6 kW HEATING CAPACITY

The compact VERSI-X air/water heat pump is meant for either **indoor or outdoor installation**. It can be installed in a **small room, hall, or office, to a basement, balcony, or patio**. People who live in multi-family residential can use the VERSI-X to heat just one floor, giving them both complete independence as well as vastly cheaper costs compared to other heating systems. The minimalistic design in white, near silent operation, and a range of installation options rank the VERSI-X among the world's most flexible appliances. **The VERSI-X was made to work in combination with the HYDRO C2 or HYDRO S2 indoor units**.

Extremely quiet operation provides VERSI-X owners with unparalleled comfort and peace of mind. Special adapters, fitted to the top of the appliance, also let you direct air in different directions. You can sit right next to the appliance and you won't even know it's working.



· W: 600; H: 1280; D: 710 mm



INDOOR HYDRAULIC UNIT

A++ A+++

0,5 m² COMPLETE BOILER ROOM

300 l AVAILABLE DOMESTIC HOT WATER

The clever design of the indoor hydraulic unit takes up **less than 0.5 m²** of floor space. It thus becomes a silent and inconspicuous part of your furniture, as we even made sure to remove all lights and other bothersome elements. Not only does it provide heat for your home, it also **heats your tap water** and also features a thermal disinfection option. This ensures that your home will be warm in the winter, cool in the summer, and friendly to your health and the environment year-round.

There are two combinations available with the VERSI-X and VERSI-O units:

- A compact indoor unit HYDRO C2 with a built-in 200 l DHW storage tank, along with an optional **200 l buffer tank**, for producing large quantities of domestic hot water.
- An indoor wall unit HYDRO S2 with an optional **40 l buffer tank** that can be installed, e.g., above a washing machine.



- W: 602, H: 1812, D: 684 mm (compact HYDRO C2)
- W: 525, H: 620, D: 320 mm (wall HYDRO S2)
- The floor space it takes up is about the same as an average washing machine.

SIMPLE MANAGEMENT

The elegant wall-mounted KT-2A controller is the only trace of your heat pump within your living quarters. Use it to adjust your heat pump and heating system. The smart controller offers you, in addition to simple temperature display, a range of advanced functions for effective management of your entire heating system and sublime comfort.



- W: 122, H: 80, D: 8,6 mm (KT-2A)

CLOUD.KRONOTERM

The CLOUD.KRONOTERM connection makes your heat pump smart, so it learns what settings you find most comfortable, while still saving as much energy as possible. Control it with your phone anytime and anywhere, right from the palm of your hand. You can set various schedules for heating and cooling, as well as for your boiler, while reviewing usage statistics and optimizing consumption. In addition, connecting to the cloud also facilitates diagnostics for remote repairs. The online interface comes stock in all of our heat pumps.



Find the CLOUD.KRONOTERM online app at cloud.kronoterm.com



Type	air – water
Username	demo2
Password	demo2



— TECHNOLOGY

VERSI heat pumps are designed to be supremely unintrusive and nearly silent, traits made possible by the **NMS™ noise-monitoring system**. It features the special **LFN™ system, which prevents the dispersion of vibrations** to the appliance's housing and prevents noise from spreading throughout the building.

The ECL™ advanced oil recovery system ensures that the heat pump retains lubricant in its compressor, where it is most important. Such systems are typically found in industrial applications, but the result is much less wear and tear on your compressor, and much more efficient operation, both leading to a longer lifespan for your new heating solution.

The IAHT™ system – Intelligent Adaptive Heating – provides completely customizable heating capacity, depending on the building's characteristics. This unrivaled flexibility means that your heat pump works constantly, nearly silently, and – most importantly – comfortably. We developed this system to provide you with as much energy efficiency and savings as possible.

The line of appliances uses the advanced refrigerant **R452B**, which significantly reduces greenhouse gas emissions. This refrigerant has a whopping **67% less GWP than the traditional refrigerants** used in heat pumps.

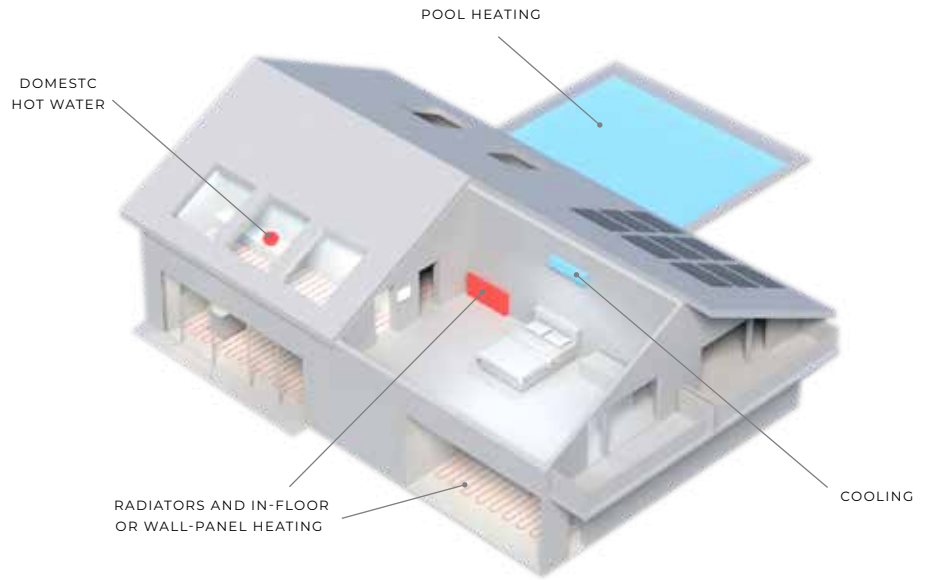
A lightweight appliance that can be transported easily, along with a wide range of additional equipment, ensure for quick and easy installation.

Carefully chosen components and a **variable power output** make for even greater savings, as well as a longer-lasting appliance.

Their minimalistic appearance of clean lines help VERSI heat pumps blend in seamlessly with their surroundings. **The holes for pipes** in the back allow for simple installation, as well as for a cleaner look in general. Furthermore, the monolithic, screwless design was drawn to match other indoor units.

HEAT SOURCE

Since air is all around us and infinitely accessible, the extremely efficient VERSI heat pumps are **excellent generators of heat**. Their meticulous design makes for very affordable installation and maintenance. Their modern construction ensures that VERSI heat pumps provide efficient warmth even at temperatures of -25 °C. You can heat with it independently, or in combination with other heat sources.

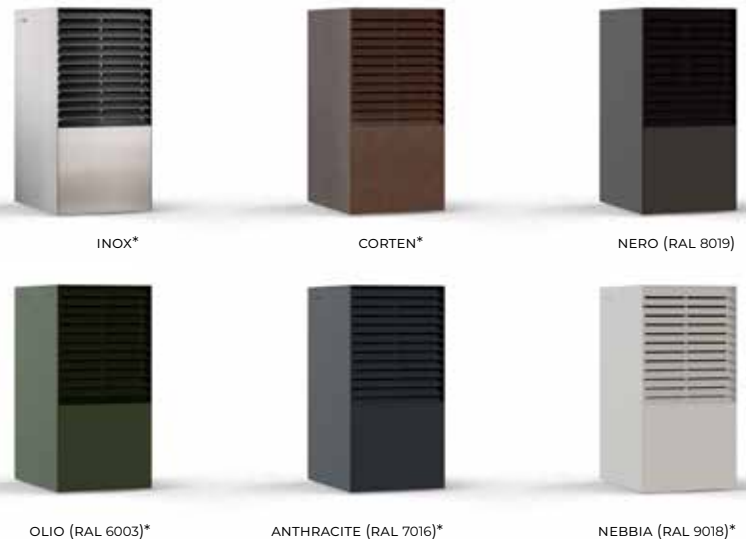


A SYSTEM OF UNIQUE DESIGN

MyDesign™

How long did you spend deciding what color your house was going to be? And the color of your bedroom? So why should your heat pump be just like everyone else's? **Tailor it** to your desires, architecture, and the surroundings where it will work and keep you comfortable for years. Find the material that matches your lawn furniture and your gardening, the perfect color to match your facade and windows, or simply pick the housing that you like best. **The new CWP™ system protects your heat pump no matter the conditions** (rain, snow, wind, sun) and no matter where you install it, even without a roof or any other enclosure around it.

*Estimated delivery in 2023.

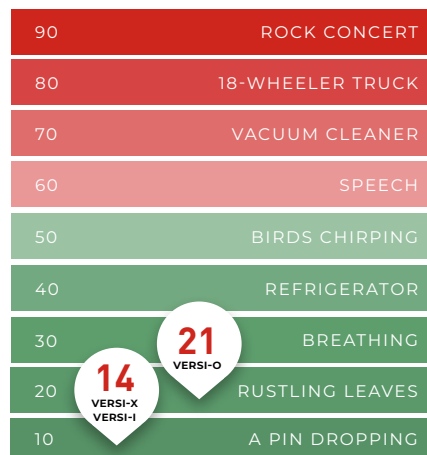


NOISE MONITORING SYSTEM

NMS™

Noise, rumbling, whirring, whining, interrupted sleep, and fights with your neighbors? More and more people are deciding on air/water heat pumps, making for increased amounts of bothersome noise. This not only lowers your quality of life, but your neighbors', too. We reduced the noise that **the outdoor unit produces to near silence**. We achieved this by using the well-established muffling technology from our geothermal heat pumps. The compressor, inverter, and all the other loud bits were shut into an external unit surrounded by a specially designed and insulated sound chamber. This is made from materials that dampen annoying frequencies. So that you sleep even more soundly, we used the ventilator, which will never be any louder than a laptop. If you ever wanted to install your heat pump right next to your bedroom, or right alongside your neighbor's hedges, well now's the time!

Noise levels



The sound pressure at the distance of 5 m [dB(A)]; the declared sound power on the Ecolabel energy label.

THE VERSI SYSTEM IN SPECIFICATIONS*	Unit	VERSI-O	VERSI-I	VERSI-X
		1F	1F	3F
				1F
MAXIMUM POWER AND CAPACITIES ACCORDING TO STANDARD EN 14511				
AIR/WATER A7W35				
Heating capacity	kW	6,20	6,13	6,13
Electrical power	kW	1,24	1,28	1,28
COP		5,01	4,80	4,80
AIR/WATER A-10W35				
Heating capacity	kW	6,11	6,20	6,20
Electrical power	kW	2,21	2,23	2,23
COP		2,76	2,78	2,78
SEASONAL HEATING CAPACITIES ACCORDING TO STANDARD EN 14825				
SCOP, 35 °C/55 °C		4,97/3,60	4,84/3,66	4,84/3,66
ns	%	191/138	186/141	186/141
Rate of seasonal energy efficiency		A+++/A++	A+++/A++	A+++/A++
SEASONAL ENERGY EFFICIENCY FOR HEATING DETERMINED IN AVERAGE CLIMATE ZONE ACCORDING TO DIRECTIVE (EU) 811/2013				
Rated heating capacity (Pdesign), 35 °C/55 °C	kW	6,4/6,0	6,5/6,1	6,5/6,1
CAPACITY ACCORDING TO STANDARD EN 14511				
AIR/WATER A35W7				
Cooling capacity	kW	5,02	5,08	5,08
Electrical power	kW	2,71	2,85	2,85
EER		1,85	1,78	1,78
RANGE OF OPERATION				
Heating (air) – min./max. air temperature	°C	-25/40	-25/40	-25/40
Cooling (water) – min./max. air temperature	°C	0/40	0/40	0/40
SOUND ACCORDING TO EN 12102 AT THE CONDITION OF A7W35				
HEAT PUMP - ECOLABEL				
Level of sound power	dB(A)	43	36	36
Sound pressure at 5 m away	dB(A)	21	14	14
HYDRAULIC UNIT (HYDRO C2/ HYDRO S2)				
Level of sound power	dB(A)	noiseles	-	noiseles
DIMENSIONS AND MASS – NET				
HEAT PUMP				
Dimensions (W×H×D)	mm	800×1215×600	600×1280×710	600×1280×710
Mass	kg	145	161	147
HYDRO C2 - NET				
Dimensions (W×H×D)	mm	602×1812×684	-	602×1812×684
Mass	kg	135	-	135
HYDRO S2 - NET				
Dimensions (W×H×D)	mm	525×620×320	-	525×620×320
Mass	kg	28	-	28
WR KSM - NET				
Dimensions (W×H×D)	mm	400×350×85	-	400×350×85
Mass	kg	4,7	-	4,7
ELECTRICAL DATA				
Rated voltage		~ 230 V	~ 230 V	~ 400 V
Max. operational current	A	15	26	15
Fuses	A	1 x C 16	1 x C 32	3 x C 16

CONTINUING A TRADITION SINCE 1976

This family-run company from Slovenia has spent the past 50 years developing a strong reputation among the world's few producers of state-of-the-art heat pumps. Today the KRONOTERM name means unrivalled excellence, dependability, and friendliness – both to customers and to the environment.



FAMILY, TRADITION, AND INSISTENCE ON QUALITY

The founder of this family company, Rudi Kronovšek, developed his first boiler heat pump in 1976. The 1990s saw this workshop transform into a proper company, which began developing and selling its first commercial heat pumps at the turn of the new millennium. Today it is making headway in the demanding markets of Austria, Italy, Denmark, Ireland and Switzerland.



DEVELOPER AND MANUFACTURER IN ONE

Kronoterm provides the very best in solutions, products, and technology for heating and cooling applications. In-house research, development, and production give the company complete oversight. This lets it respond to all questions immediately – planning and delivery all the way to installation and maintenance.



ALWAYS RESPONSIVE, OF COURSE

Kronoterm supports its users at every step – from helping them make informed decisions and advanced plans to safe installation and years of worry-free operation. Our extensive support system gives us real-time information about how our products are working so we can correct errors immediately.



Contractual retailer/installer:



Kronoterm d.o.o. | Trnava 5e, 3303 Gomilsko, SLO | info@kronoterm.com | www.kronoterm.com