



KRONOTERM¹⁹⁷⁶

HEAT PUMPS



ECO HOT WATER HEAT PUMPS

*The comfort of huge savings on
heating DHW*

— ADVANTAGES

Extremely efficient

A new generation of extra efficient heat pumps for domestic hot water. Perfect for houses with families of 4 to 7 people, where daily hot water usage does not exceed 800 L.

A wide range of functions

These heat pumps work great for outdoor air temperatures as low as -7°C , as they are designed for active thawing with warm gases. They allow for heating water up to 55°C in all conditions (and in specific instances even up to 65°C). Further uses include cooling a basement or storage room.

Low costs for heating water

Not only will you save a lot, you'll also be helping the environment, as these pumps boast both 70% lower heating costs and up to 60% less CO2 emissions. This high level of efficiency is achieved through the ratio of acquired and lost heat energy (COP is an unbelievable 4.0 EN 16147, EU 812/2013).

Low heat loss

The boiler is enameled with a cutting-edge process, then thickly insulated with a cell material that keeps in heat and ensures that the water stays warm. This special technology not only provides the highest-quality water, but also extends the heat pump's lifespan.

Optimum performance

These heat pumps use a low-consumption EC ventilator. You can set the speed of airflow, which increases the heat pump's heating capacity (COP). The heat pumps' shape makes for more efficient performance both when capturing air directly from a room as well as when capturing it from an air duct (directed air to other rooms).

Compatibility with other heating systems

You can connect your heat pump into a smart system with other heating sources such as oil, natural gas, or biomass.



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. Remotely set different time programs to heat your domestic hot water, check operation statistics to optimize usage, and take advantage of remote service diagnostics.

Using the CLOUD.KRONOTERM app is completely free of charge for end users. You need only the built-in web module and an internet connection.

Download the free Cloud.Kronoterm app and see how you can control your heat pump remotely.



Find the CLOUD.KRONOTERM online app at:
cloud.kronoterm.com/dhws/

Username	demo
Password	demo



CONTINUING A TRADITION FROM 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, Germany, and Switzerland.

Contract seller / installer:

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 gives the company complete oversight. This lets it respond to all questions immediately – from planning and delivery all the way to installation and maintenance.

ALWAYS RESPONSIVE

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.



☎ 03 703 16 20 Members: 



N° SL21427Q

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FUNCTIONS

- Operation schedule with a daily hour (weekly with the web module)
- Alternative regimes and built-in differential thermostat
- Two fan speeds – quieter performance and increased savings
- Automatic anti-Legionella heating
- Automatic quick heating
- Ventilation
- Additional source, bivalent operation, reserve source, vacation mode
- PV signal = photovoltaic program

SYSTEM

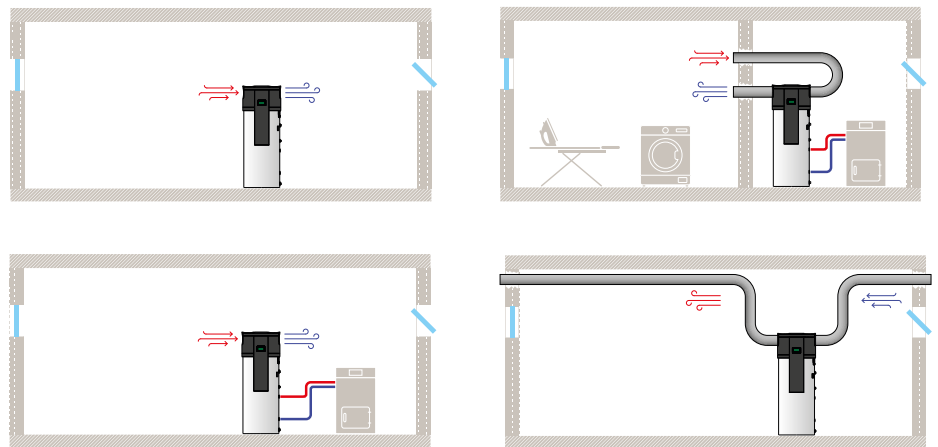
- The KRONO-FLEX captures or exhausts air with the possibility of directed air
- A premium, state-of-the-art rotational compressor
- A low-consumption innovative EC ventilator
- Simple, user-friendly usage on an LCD screen/app: schedules, quick heating, etc.
- Web module as additional equipment

KRONO-FLEX

- Innovative heat pump construction makes the system adaptable, with several possibilities for the location of air capture and exhaust.
- **Within a room** the heat pumps both capture and exhaust air back into the room in which it is positioned. The position allows that channels to be set for optimum circulation of cold and warm air. It is adapted for use with no additional pipes to prevent the mixing of air on the heat pump's vacuum (capture) side and the pressure (exhaust) side.
- **The channel method** of directing air makes it possible to exhaust air into a separate room – i.e. both capture and exhaust can be in a separate room, or capture in one and exhaust in another.

Technical specifications	Unit	WP2 LF-202E	WP2 LF-302E
Heating capacity A20°C EN16147	kW	1,91/3,41*	1,89/ 3,39
Electrical power	kW	0,48/1,98*	0,47 / 1,97*
Electric heater	kW	1,5	1,5
Incoming air temperature	°C	from -7 to +40	from -7 to +40
Height	mm	1700	2030
Diameter	mm	635	635
Weight	kg	128	145
Volume	l	200	270
Amount of warm water (40 °C)	l	271	376
Heat exchanger surface	m ²	0,91	1,2
Boiler connectors	"	1	1
Circulation connectors	"	3/4	3/4
COP**		4,0	4,0
Energy efficiency grade		A ⁺	A ⁺

* with an additional 1.5 kW electric heater
 ** A20/W10-55, EN 16147



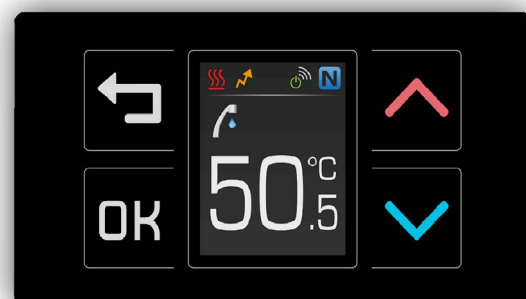
Possibilities of KRONO-FLEX system

EASY TO USE

These heat pumps also feature simple management, the result of in-house know-how and development, and also come with several handy solutions for end users.

Advantages:

- Option of automatic shuffling of sources
- Special heat pump programs
- Ready for connection to smart grids
- Calculates electrical consumption and costs



Controller