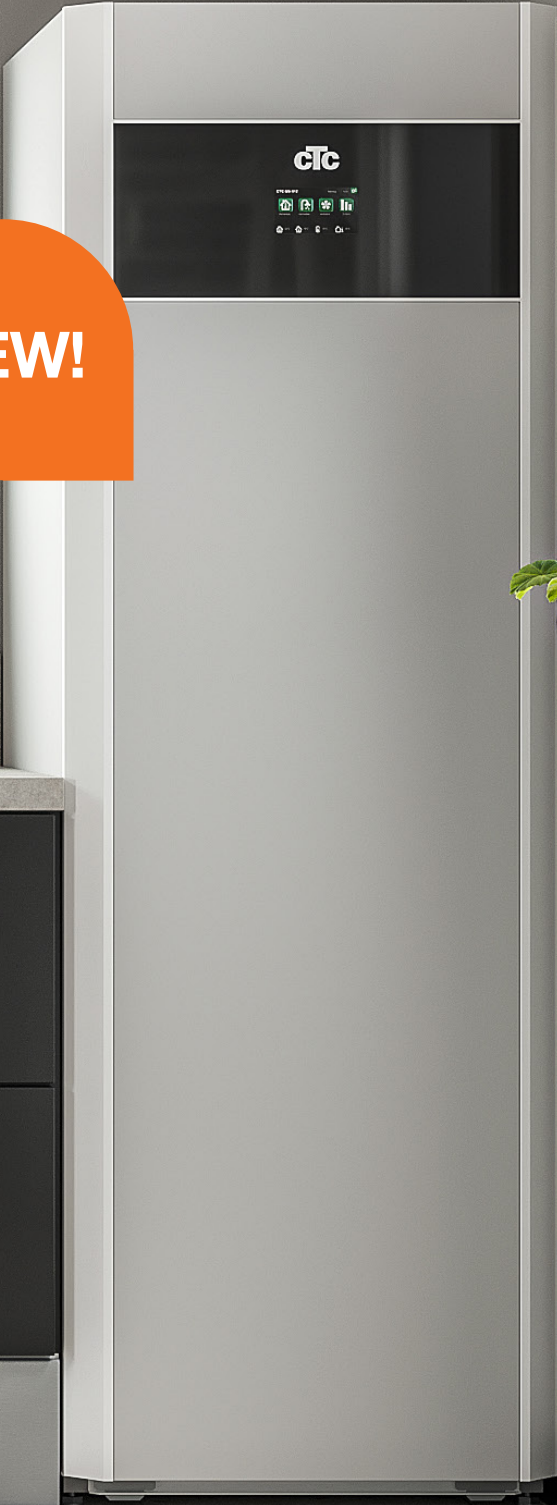


ctc

HEAT PUMPS

NEW!



**A Warm
Welcome!**

Made in Sweden!



When you invest in a heat pump from CTC, you can rest assured knowing that you are installing one of the most reliable and long-lasting heat pumps on the market. All development and manufacture take place in our factory in Småland, where consideration for quality and innovation go hand in hand.

CTC – Swedish quality since 1923.





A safe investment!

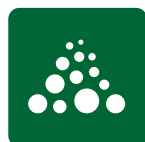
With CTC, you can rest assured knowing that you are installing one of the most reliable heat pumps on the market.

Our product categories:



Ground source heat pumps

With a ground source heat pump from CTC, you can save up to 85% on your heating costs. A ground source heat pump utilises solar energy stored in bedrock. The energy utilised is free, environmentally friendly and contributes to reduced CO₂ emissions.



Lake and geothermal heat pumps

To reach this energy resource, a liquid-filled collector hose measuring 300-500 metres is laid in the ground or in a lake. The circulating liquid in the hose is heated by the stored solar energy. The liquid passes through the heat pump where a compressor raises the temperature by means of a refrigerant and a heat exchanger in a closed system.



Air-to-water heat pumps

With an air-to-water heat pump from CTC, you save up to 75 % on your heating costs. An air-to-water heat pump converts energy in the air into heat and hot water. And because it does not require boreholes or coils in the ground, it is easy to install. The energy utilised is free, environmentally friendly and contributes to reduced CO₂ emissions.



Ventilation solutions

Fresh air indoors is important for our health. The ventilation in your home has the task of venting away impurities and moisture in the house and adding fresh air. It is also important to minimise annoying noise in your home. CTC offers a concept for homes with exhaust air heating.



Indoor modules

All indoor modules from CTC are equipped with a unique control system which is used to calculate the heating requirements of your home. The control system makes sure that the heat pump works efficiently and that the right amount of heat and hot water is produced. The control system is accessed via a user-friendly touchscreen.




Domestic hot water heaters

At CTC we have developed our own method for ensuring that our products have the longest possible life span. We only use high-quality stainless steel, which is a sustainable and durable material. By using superior materials in combination with a unique manufacturing process, the risk of corrosion is reduced.



We are an environmentally-minded company working towards a fossil-free future

Our heat pumps utilise solar energy stored in bedrock, lakes and the air. Solar energy is free, eco-friendly and contributes to lower greenhouse gas emissions. With nearly 100 years of experience, we provide innovative and smart solutions for a fossil-free and sustainable society for future generations.



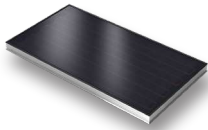
**Expand your
heating system
whenever you
want.**

Connect and supplement your heating system with virtually anything in the way of heating.

EnergyFlex gives you full freedom of choice for the future



EnergyFlex always gives you the freedom to easily connect other heat sources in the future, such as solar heating, additional tanks, stoves, as well as wood, electric, pellet and even gas boilers, in one system. EnergyFlex is a unique solution that comes as standard on all our heat pumps, at no additional charge. No complex or difficult system solutions, just connect the system and relax.



Solar Panel



Pool heating



Pellet boilers



Stoves



Wood Boilers



Indoor modules





Electrolux

6C

FRIG

FRIG



Heat pumps for ground source, lake or geothermal heating

CTC manufactures two types of heat pumps: Variable-speed heat pumps and heat pumps with a start-and-stop function. CTC GSi 8-16 and EcoPart 600M heat pumps have a speed-controlled compressor and automatically adapt to the building's output needs. When more heat or hot water is required, the output of the heat pump increases. When less output is required, the pump operates at a lower speed.

CTC EcoHeat 400, CTC GS 6-8 and CTC EcoPart 400 are conventional heat pumps which heat the building and hot water via a compressor with a stop-and-start function (on/off). A conventional on/off heat pump is slightly cheaper than a variable-speed heat pump but, as a consequence, results in lower savings.

CTC GSi 608-616

Variable-speed heat pumps for ground source, lake or geothermal heating

CTC GSi is one of Sweden's best heat pumps and now has a new design, new display, and very high finish! This means that in addition to your heat pump becoming even better, it offers big savings and becomes a stylish part of your interior decor.

Smart and user-friendly

The CTC GSi 600 has a brand new integrated touchscreen display with an updated interface, where you can easily access all functions and can both swipe and scroll, just like on your smartphone. In addition, you can easily mirror the display on your tablet, mobile, etc. The colour touchscreen display has clear symbols and the option to switch language, and makes it easy to adjust the heat and hot water or to retrieve a wealth of data about the operation. The integrated automatic mixing valve is climate-controlled and takes into account both the indoor and outdoor temperatures.

Speed-controlled and efficient

With the help of inverter control, the CTC GSi 600 automatically adapts to the property's power requirements throughout the year. When high output is required, the output increases. When less output is required, the compressor shifts to lower output. This means you will always achieve maximum savings (up to 85%).

Efficient and quiet

The seasonal coefficient of performance (SCOP) of CTC GSi 600 means that, over the course of year, it produces 5 times as much energy as it consumes. The compressor and cooling components are enclosed in a separate sound-insulated unit, which makes it very quiet, only 34 dB (A). Furthermore, the entire heat pump has very efficient insulation, which minimises energy losses. The CTC GSi 600 meets the requirements for an A+++ rating, which is the best possible energy rating a heat pump can have.

Automatic borehole adaptation

The CTC GSi 600 automatically adapts to the existing bedrock. This means that when you replace your old heat pump, your installation costs are significantly reduced. In addition, the product has been given a new flexible brine connection that makes it even easier to install.

Lots of hot water and easy to fit in

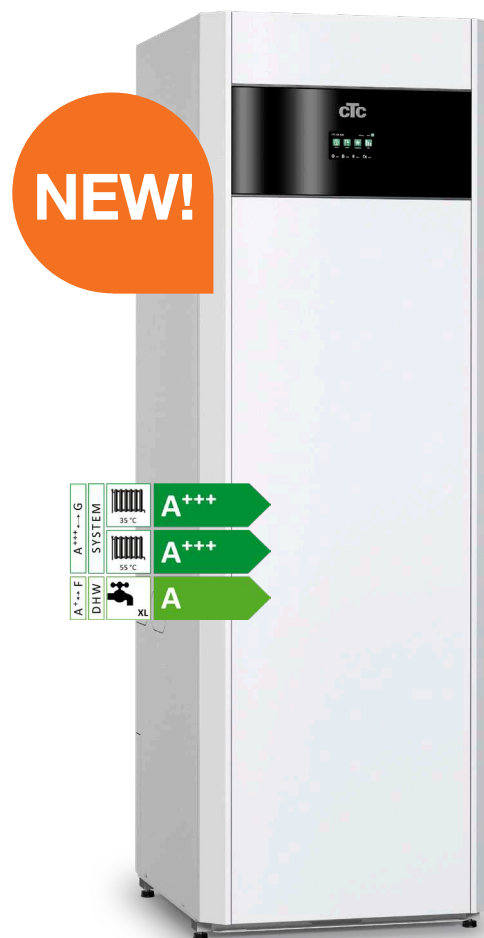
The CTC GSi 600 is equipped with a highly efficient DHW heater, which produces over 300 litres of hot water. CTC GSi 600 available in three sizes: The CTC GSi 608 is best suited for slightly smaller properties, the CTC GSi 612 for mid-sized properties, and the CTC GSi 616 for slightly larger properties.

EnergyFlex

With accessories you can easily add solar heating, set up your water-jacketed stove or boiler so that they too can contribute heat. Or why not connect a pool so you can also enjoy the warmth in the summer?

Ready for the future

CTC GSi 600 has internet connectivity as standard, so you can easily control your heat pump remotely. To ensure compatibility with smart homes, the product is equipped for connection to Alexa, Google Home, etc. It is also SmartGrid-ready, which means it is equipped for the electricity grid of the future.





CTC GS 606-608

Affordable heat pumps for ground source, lake or geothermal heating

A new stylish, smart and economical series of affordable heat pumps that heat both the property and hot water via a quiet scroll compressor with start and stop function (on/off type).

A premium pump at a low price

The CTC GS 600, like its big sister the CTC GSi 600, has a new design, a new display and is finished to a very high standard! The new design means that, wherever you choose to locate your new heat pump, it becomes a stylish part of your interior decor.

With the all-new integrated touchscreen display, the CTC GS 600 has a new, updated interface, where you can easily access all functions and can both swipe and scroll, just like on your smartphone. In addition, you can easily mirror the display on your tablet, mobile, etc.

The CTC GS 600 is one of Sweden's most affordable heat pumps, and will provide comfortable heating at the lowest possible cost for many years to come. CTC GS 600 is equipped with a quiet scroll compressor, which makes the product cheaper to purchase, but with somewhat lower savings.

The CTC GS 600 is available in two sizes (6 and 8 kW) and has a hot water capacity of 300 litres. In order to achieve the lowest energy consumption, they are equipped with A-rated low-energy circulation pumps and very effective insulation.

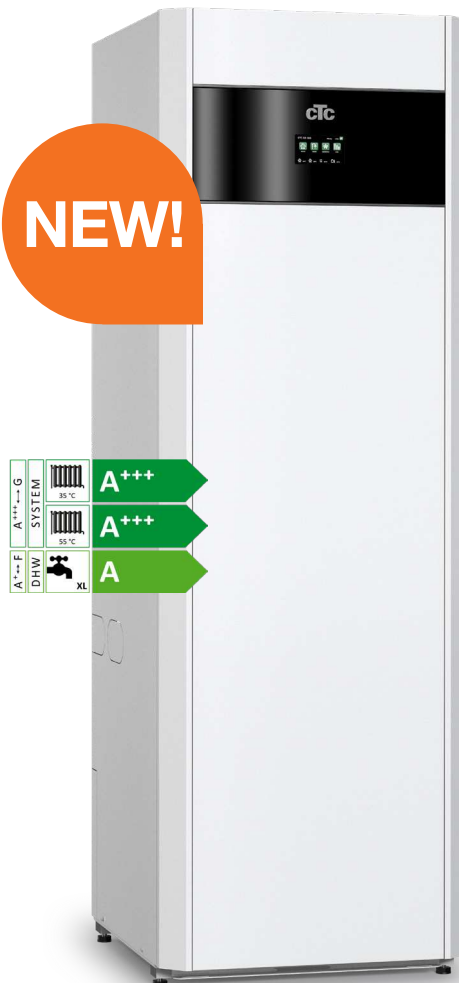
High efficiency and low noise level

The CTC GS 600 is ultra-efficient with a very low noise level, since both the compressor and all cooling components are enclosed in a separate, soundproofed unit.

Because the supply cable and primary flow sensor are factory-fitted, the CTC GS 600 is easy to install. The supplied magnetite filter also ensures that your radiator system is kept clean and fresh.

Ready for future challenges

CTC GS 600 has internet connectivity as standard, so you can easily control your heat pump remotely. To ensure compatibility with smart homes, the product is equipped for connection to Alexa, Google Home, etc. It is also SmartGrid-ready, which means it is equipped for the electricity grid of the future.



CTC EcoHeat 400 series

Conventional heat pumps for ground source, lake or geothermal heating

CTC EcoHeat is a series of conventional heat pumps which heat the building and hot water via a compressor with a stop-and-start function (on/off). CTC EcoHeat 400 is available in 4 models (6-12 kW) and is a reliable and quiet geothermal heat pump that can save you up to 80% on your current energy needs.

More even heating for greater comfort

For CTC EcoHeat 400, we have opted for proprietary technology that provides more even heating. CTC EcoHeat 400 is built with a water buffer that ensures good operating conditions for the compressor, irrespective of the heating system. This minimises the risk of clicks and other noises in your radiator system.

Control and set

CTC EcoHeat 400 has a brand new touchscreen display, and the updated interface allows you to easily access all the features, just like on your smartphone. In addition, you can easily mirror the display on your tablet, mobile, etc.

The colour touchscreen display has clear symbols and the option to switch language, and makes it easy to adjust the heat and hot water or to retrieve a wealth of data about the operation.

Freedom with EnergyFlex.

You can add other energy sources now or later. With two available connections for e.g. solar heating, a water-jacketed stove, or even a pool!

Control remotely

CTC EcoHeat 400 has internet connectivity as standard, so you can easily control your heat pump remotely. For compatibility with the smart home, the product is also equipped for connection to Alexa, Google Home, etc.

Wireless sensor

Wireless sensors are available as remarkably smart accessories.

Standard

According to Swedish building regulations, installation in a new building requires a control function to limit the electrical output. This is therefore standard in CTC EcoHeat 400.



CTC EcoPart 400 series

Compact on/off heat pumps for ground source, lake or geothermal heating

Compact heat pumps with a low height, which makes them perfect for tight spaces. Six ultra-efficient compact heat pumps that meet the heating needs of houses or small industrial premises. CTC EcoPart 400 is available in six sizes: 6-17 kW.

Ultra-efficient and smart

With CTC EcoPart 400, you save up to 80% on your current energy needs. If your energy needs are greater, you can connect up to ten CTC EcoPart 400 units together.

Quiet and simple

CTC EcoPart 400 is quieter than ever thanks to the soundproofed cooling modules. It is small and neat and therefore easy to install and simple to service.

All-in-one solution

You can supplement with other energy sources and connect solar heating, a water-jacketed stove or even a pool! Our solutions essentially provide you with unlimited possibilities for your and your property's needs.

Small and powerful

If the ceiling height is too low for a normal heat pump, CTC EcoPart 400 can be docked to the CTC EcoZenith i255 L indoor module. If you have greater hot water needs, opt for a CTC EcoZenith i360 L instead, since it is equipped with an ultra-efficient hot-water heat exchanger.

If you want to connect another heat source or pool, CTC EcoPart 400 can be connected to CTC EcoZenith i555 Pro. Keep in mind that the CTC EcoZenith i555 is a round system tank that requires a little more space. If you have greater needs or if you already have a system you wish to supplement, CTC EcoLogic L/M enables you to connect up to ten heat pumps to your hot water and heating system.

The controls for CTC EcoZenith and CTC EcoLogic can manage your entire heating system, and can control hot water production according to your preferences and needs.

Supplement with cooling, multiple heating circuits, solar panels and a pool – with our indoor modules everything is built in right from the start. It couldn't be simpler or more flexible.

With CTC Uplink you can easily control your heat pump via your smartphone.



CTC EcoPart 600M series

Compact variable-speed heat pumps for ground source, lake or geothermal heating

CTC EcoPart 600M is a series of compact speed-controlled heat pumps with the same performance as CTC GSi but without control and hot water heating. CTC EcoPart 600M adapts automatically to the building's output requirements during the year. When high output is required, the output increases. When less output is required, the compressor shifts to lower output. This means that you will always achieve maximum savings.

Small but strong

CTC EcoPart 600M has a low height of just 775 mm, and is therefore perfect for areas with low ceilings. CTC EcoPart 600M is available in two sizes (12 and 16 kW), which can be connected in series to meet greater heating needs.

Hot water and control

For a complete installation, CTC EcoPart 600M can be supplemented with the CTC EcoZenith i360 or i555 Pro indoor module. CTC EcoZenith i555 Pro gives you almost unlimited possibilities to create a flexible heating circuit. Plus, CTC EcoZenith i555 Pro provides plenty of hot water. At a flow of 22 litres per minute, it has a capacity of more than 600 litres of 40 °C hot water, which is enough for 15 showering teenagers.

If you have greater needs or if you already have a system you wish to supplement, CTC EcoLogic L/M enables you to connect up to ten heat pumps to your hot water and heating system. The control in CTC EcoZenith and CTC EcoLogic L/M can manage your entire heating circuit, and can control hot water production according to your preferences and needs.

Automatic borehole adaptation

It's no problem if you have an old heat pump that needs to be replaced, since the product automatically adapts to the existing borehole.







With an air-to-water heat pump from CTC, you can save up to 75% on your heating costs

An air-to-water heat pump converts energy in the air into heat and hot water. And because it does not require boreholes or coils in the ground, it is easy to install. The energy used is free, environmentally friendly and helps reduce greenhouse gas emissions. Thanks to EnergyFlex, supplementing with other heat sources, such as solar heating, is easy, and you can also heat your pool and save money at the same time! With an air-to-water heat pump from CTC, you can save up to 75% on your heating costs.

CTC has two types of air-to-water heat pumps. Variable-speed heat pumps and heat pumps with a start-and-stop function. CTC EcoAir 600M is a series of heat pumps with a variable-speed compressor, and the heat pumps automatically adapt to the building's output needs. When more heat or hot water is required, the output of the heat pump increases. When less output is required, the pump operates at a lower speed.

CTC EcoAir 400 is a series of conventional heat pumps which heat the building and hot water via a compressor with a stop-and-start function (on/off). A conventional on/off heat pump is slightly cheaper than a variable-speed heat pump but, as a consequence, results in lower savings.

CTC EcoAir 400 series

Conventional air-to-water heat pumps

CTC EcoAir 400 is a series of conventional heat pumps which heat the building and hot water via a compressor with a stop-and-start function (on/off). A conventional on/off heat pump is slightly cheaper than a variable-speed heat pump but, as a consequence, results in lower savings.

Air is free and full of energy

CTC EcoAir 400 extracts energy from air as cold as -22 °C, and supplies hot water up to 65 °C for use as both domestic hot water and heating. CTC EcoAir 400 is available in different sizes (from 6 to 17 kW), so regardless of the consumption of the building, there is always a suitable heat pump.

More power, less noise, and better savings

CTC EcoAir 400 is equipped with an efficient on/off scroll compressor, electronic expansion valve, and a fan with an extremely low noise level. The on-demand defrosting and the seasonal efficiency guarantee a long service life and significant savings.

More even heat all year round

CTC EcoAir 400 functions best with CTC EcoZenith indoor modules with built-in heat pump control. If you have a boiler and would like to supplement with CTC EcoAir 400, you can use one of our control units to do so. The control unit can manage your entire heating system and can control hot water production according to your preferences and needs.

Our mixing valve technology in the CTC EcoZenith i250 and CTC EcoZenith i550 Pro indoor modules provides more even heating. Since the temperature is constant, annoying expansion sounds that can produce irritating clicks in the floor and pipes are eliminated.

Fresh, legionella-free hot water

In our indoor modules, hot water is produced as it is being used. This solution means that you always get new, fresh and legionella-free hot water.

Also for homes with direct electricity systems

CTC EcoAir 400 also works for houses with direct electricity. Add one or more fan convectors that use silent fans to spread heat through the house.



The CTC EcoAir 600M series

Variable-speed air-to-water heat pumps

CTC EcoAir 600M is a new series of variable-speed air-to-water heat pumps that adapt to the building's power requirements during the year. When high output is required, the output increases. When less output is required, the compressor shifts to lower output. Thanks to this you will always achieve maximum savings (up to 75 %).

Stylish design with world-class performance

The design of the CTC EcoAir 600M series builds further on the proven EcoAir series, which is one of Sweden's bestselling air-to-water heat pumps. The result is a product with very high efficiency and very low noise levels. CTC EcoAir 600M is so efficient that it provides five times as much energy as it consumes.

The series has a stylish design and blends into most environments. It also has on-demand automatic defrosting, which reduces the amount of defrosting needed. This provides more heat, more power and a longer service life.

CTC EcoAir 600M is available in three sizes:

CTC EcoAir 610M	2-5-10 kW
CTC EcoAir 614M	2.5-14 kW
CTC EcoAir 622M	4.5-22 kW

Speed-controlled compressor

CTC EcoAir 600M is equipped with a variable-speed compressor that adapts to your needs. This also means it fits in easily and, regardless of the size of the property, there is always a suitable model.

Eco-friendly and renewable

The CTC EcoAir 600M is optimised to make the best possible use of eco-friendly energy in the air. And because it does not require boreholes or coils in the ground, it is easy to install.

Plenty of hot water and maximum comfort

CTC EcoAir 600M matches perfectly with the CTC EcoZenith i350 indoor module. It is equipped with a highly efficient water heater, which produces over 300 litres of hot water. With a unique colour touchscreen and an advanced and reliable control system, the indoor climate is automatically adjusted for maximum comfort.

EnergyFlex

This accessory enables you to easily add alternative heating methods, such as solar heating, a stove or an existing boiler. EnergyFlex comes as standard and gives you many options for the future in terms of smart and eco-friendly heating. Why not connect a pool so you can also enjoy the warmth in the summer?





Indoor modules that control and manage the heating needs of your home

All indoor modules from CTC are equipped with a unique control system which is used to calculate the heating requirements of your home. The control system makes sure that the heat pump works efficiently and that the right amount of heat and hot water is produced. Access to the control system is by means of a user-friendly touchscreen with clear symbols.



CTC EcoZenith i360

Ultra-efficient indoor module for plenty of hot water

The CTC EcoZenith i360 is equipped with the same ultra-efficient water heating technology as our CTC GSi/GS ground source heat pumps. When combined with CTC EcoAir or CTC EcoPart, it can produce over 300 litres of hot water.

A complete heat pump with a new design

CTC EcoZenith i360 has a new design, a new display and a very high finish! The new design means that, wherever you choose to locate your new indoor module, it will be a stylish part of your interior decor.

With the all-new integrated touchscreen display, the CTC EcoZenith i360 has a new updated interface where you can easily access all functions and can both swipe and scroll, just like on your smartphone. In addition, you can easily mirror the display on your tablet, mobile, etc.

The colour touchscreen display has clear symbols and the option to switch language, and makes it easy to adjust the heat and hot water or to retrieve a wealth of data about the operation. In addition, you can easily mirror the display on your tablet, mobile, etc.

The CTC EcoZenith i360 is an ultra-efficient indoor module with built-in heat pump control. Instal it together with the CTC EcoAir 600M air-to-water heat pumps for the perfect combination. For those who prefer ground source, lake or geothermal heating, choose the CTC EcoPart 406 - 412.

All-inclusive with minimal energy losses

The expansion tank, supply cable and primary flow sensor are all factory-fitted. In addition, the manometer and automatic bleeders come as standard.

The CTC EcoZenith i360 is well-insulated and therefore has minimal energy losses.

Low ceiling height? No problem!

Choose the indoor module that best fits your property – it is available in two heights: 1,666 or 1,924 mm.

The low model has pipe connections at the top, while the taller model connects at the bottom.

Climate-controlled and expandable

The built-in automatic shunt valve is climate-controlled and takes into account both internal and external temperatures. The CTC EcoZenith i360 is able to control two individual heating systems as standard.

With accessories you can easily add solar heating, set up your water-jacketed stove or boiler so that they too can contribute heat. Or why not connect a pool so you can also enjoy the warmth in the summer?

Ready for future challenges

CTC EcoZenith i360 has internet connectivity as standard, so you can easily control your heat pump remotely. To ensure compatibility with smart homes, the product is equipped for connection to Alexa, Google Home, etc. It is also SmartGrid-ready, which means it is equipped for the electricity grid of the future.



CTC EcoZenith i255

Efficient indoor module in two heights

The indoor module must never be the weak link – then it won't matter how efficient your heat pump is. CTC EcoZenith i255 now with new updated display.

Flexible indoor module

For the CTC EcoZenith i255 we have chosen the same technology as in the ground source heat pump CTC EcoHeat. The CTC EcoZenith i255 is built with a water buffer that ensures good operating conditions for the compressor, irrespective of the heating system. This minimises the risk of clicks and noise in your radiator system.

The CTC EcoZenith i255 has many advantages: How about intelligent heat pump control? A colour touchscreen? Solar connection? Just to mention a few examples.

CTC Ecozenith i255 has a brand new touchscreen display, and the updated interface allows you to easily access all the features, just like on your smartphone. In addition, you can easily mirror the display on your tablet, mobile, etc.

But most important of all is that it has clear symbols and multi-language settings – you can easily adjust the heat, hot water, and other functions or retrieve a range of information about the operation.

The Inside is the Strong Side

The most important function of the indoor module is to produce a lot of hot water as frugally and quickly as possible. CTC EcoZenith i255 will not let you and your family down. CTC EcoZenith i255 is always installed with either the CTC EcoAir or CTC EcoPart heat pump, and supplies hot water at a temperature of up to 65 °C. The tank accommodates a full 223 litres.

Freedom Included

You can add other energy sources now or later. With two available connections for e.g. solar heating, a water-jacketed stove, or even a pool!

And Everything Else

- Supplement ground source heating with CTC EcoComfort, and get passive cooling in the summer.
- Select the height a suitable height: 1.65 or 1.90 m.
- A control function that limits electrical output comes as standard.
- The housing cover (pictured) is standard, but is available in several heights for a neater installation.

Ready for future challenges

CTC EcoZenith i360 has internet connectivity as standard, so you can easily control your heat pump remotely. To ensure compatibility with smart homes, the product is equipped for connection to Alexa, Google Home, etc. It is also SmartGrid-ready, which means it is equipped for the electricity grid of the future.



CTC EcoVent i360F

Quieter indoor environment and better heating economy

A smart concept for buildings with exhaust air heating. The CTC EcoVent i360F is an indoor module with heat pump control and integrated ventilation, which, when used in combination with an air-to-water heat pump, makes the system significantly more energy-efficient, smarter and quieter.

Quieter and better heating economy

With the compressor located outside the building, you get a considerably quieter indoor climate. Since we use outdoor air to heat both the building and DHW you achieve better heating economy. Smart, right?

For maximum energy savings, install the CTC EcoVent i360F with one of Sweden's best-selling air-to-water heat pumps: the CTC EcoAir 406. With this combination, you save up to 30% more than you would with a traditional exhaust air heat pump. The CTC EcoVent i360F ventilates the property, produces heat and hot water, and ensures that you always have the perfect indoor climate. Ventilation air in all wet zones is extracted by means of the built-in fan, and produces a weak vacuum, which helps to vent air in other rooms via the different wet zones in the building.

High seasonal efficiency and smart technology

CTC EcoVent i360F is equipped with the latest technology and the same ultra-efficient DHW heating as the CTC GSi 600 ground source heat pump, and produces over 300 litres of hot water. The product's automatic control unit has a new updated interface where you can easily access all functions and can both swipe and scroll, just like on your smartphone. In addition, you can easily mirror the display on your tablet, mobile, etc.

The colour touchscreen has clear symbols with an English interface, which makes it easy to adjust the heat and hot water or to retrieve a range of information about the operation. In addition, you can easily mirror the display on your tablet, mobile, etc.

The ventilation ducts are optimised to suit most ventilation connections when replacing an exhaust air pump.

New design and ready for future challenges

CTC EcoVent i360F has a new design and a very high finish! The new design means that, wherever you choose to locate your new indoor module, it will be a stylish part of your interior decor.

CTC EcoVent i360F has internet connectivity as standard, so you can easily control your heat pump remotely. To ensure compatibility with smart homes, the product is equipped for connection to Alexa, Google Home, etc. It is also SmartGrid-ready, which means it is equipped for the electricity grid of the future.





CTC EcoLogic L and M

Advanced heat pump control

The CTC EcoLogic L and M control units are smart control systems that automatically monitor and control CTC's heat pumps, additional heat, buffer tanks, solar, pool and passive cooling, etc.

New integrated display and modern design

The design of the CTC EcoLogic L and M control units is a further refinement of the proven CTC EcoLogic. The new CTC EcoLogic L and M control units have a new modern design with a fully integrated display.

The display has a new updated interface where you can easily access all functions and can both swipe and scroll, just like on your smartphone. In addition, you can easily mirror the display on your tablet, mobile, etc. The control logic has simple and clear symbols and the option to switch language.

With CTC EcoLogic L, you can connect and control up to ten heat pumps and four heating circuits (four primary flow temperatures/heat curves).

The CTC EcoLogic M is a slightly simpler variant able to control up to two heat pumps in up to two heating circuits, which is enough for most properties.

CTC EcoLogic L/M have a built-in power monitor, optional external additional heat (0-10 V, 0-3 steps or 0-7 steps), hot water prioritisation and a built-in buzzer alarm. You can log operating data and update programs via USB.

Control remotely

CTC EcoLogic L/M control units also have internet connectivity as standard, so you can easily control your heat pump remotely. In order for it to be compatible with a smart home, the CTC EcoLogic L/M control units are also prepared for connection to Alexa and Google Home, etc. You can also connect the control unit to a remote computer (DUC).

Future-proofed

CTC EcoLogic L/M are also SmartGrid-ready, which means they are equipped for the electricity grid of the future.





Heat pumps for larger properties

Regardless of whether you have a large house, rental property, church or industrial premises, we have the right heat pump solution. Our system solutions provide virtually unlimited possibilities to adapt the heating system to your property. To meet greater energy needs, it is easy to connect several of our heat pumps in series, which can then provide up to 170 kW. If this is not enough, you can combine your CTC heat pump with other energy sources.

All our system solutions ensure that you get a cost-effective and perfect indoor climate.



CTC EcoPart Pro/Basic

3-stage building heat pump with built-in control

The CTC EcoPart is geared towards the heating of larger buildings, such as apartment buildings, industrial premises and churches.

Smart and simple control

CTC EcoPart Pro comes with the unique EcoLogic Pro control system built-in. The control unit handles your entire heating system. It monitors and controls your heat pumps, DHW, solar panels, additional heating, buffer tanks, pool, free cooling and more. You can also remotely monitor the facility via Modbus or SMS.

If you don't need such advanced control, select CTC EcoPart Basic instead. CTC EcoPart Basic can be controlled with a digital signal (thermostat control).

Furthermore, it can be controlled by regulating the return temperature, a simple control that is ideal for hot water storage tank charging, for example. It couldn't be simpler or more flexible.

Very low noise level

Using separate cooling modules, the CTC EcoPart Pro/Basic is able to increase output in three stages. This gives smoother operation and better adaptation to the building's various output requirements. The result is fewer starts/stops and higher heating comfort compared with single-stage products. The separate cooling modules also have a very low noise level.

CTC EcoPart Pro/Basic is available in three sizes: 25, 30 and 35 kW, and can be connected in series up to 170 kW (one CTC EcoPart i435 Pro that controls four CTC EcoPart 435 Basics). In order to achieve the lowest possible energy consumption and largest savings, the CTC EcoPart Pro/Basic is equipped with class A, low-energy circulation pumps on both the brine and heating sides.

More hot water and hotter radiators

Thanks to an advanced refrigerant circuit and highly efficient compressors, CTC EcoPart Pro/Basic can produce 65 °C water. This means you can have more bathwater and warmer radiators. Ideal for properties with high primary flow temperatures.

CTC EcoPart Pro is designed to be connected either to new or existing systems. Ground, lakes and bedrock are used as heat sources. The brine system can easily be connected to the right, left, top or rear.

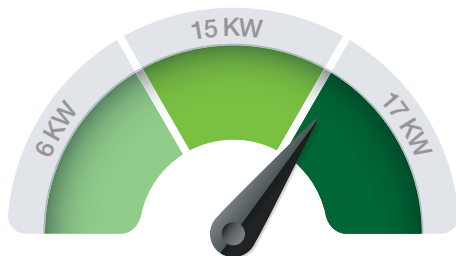
CTC EcoPart Pro – a safe and obvious choice.



CTC EcoAir 400 series

Efficient air-to-water heat pumps

The three larger heat pumps in CTC's EcoAir 400 series are ideal for large houses, rental and industrial properties. In addition, you can connect several heat pumps to provide up to 170 kW.



Power when it is needed most

The CTC EcoAir 400 provides a little more power when you really need it – when it is cold outside. CTC EcoAir 400 is available for small houses as well as large properties.

The greatest challenge faced by heat pumps in apartment buildings is the capacity to quickly heat up a lot of hot water. It seems that we all want to shower at the same time. Even when it's really cold outside.

For example, CTC EcoLogic L produces up to 65 °C hot water in outdoor temperatures from –10 to +40 °C. And even if the temperature drops to as low as -22 °C, it can still supply 54 °C hot water.

Efficient compressor

The CTC EcoAir 400 series has been designed to operate with a low noise level and high seasonal efficiency. The heat pumps have an efficient and reliable compressor. This – together with fan design – makes CTC EcoAir 400 a reliable and quiet series of heat pumps.

System solutions for properties

Our system solutions mean that the possibilities to adapt the heating system to your needs and the needs of your property are virtually unlimited.

For the best comfort and economy, supplement CTC EcoAir 400 with CTC EcoZenith i555 Pro, the intelligent, all-in-one tank for heating and hot water.

The CTC EcoLogic L control unit is available if you have greater needs or a system you wish to supplement. It connects your existing DHW and heating system with up to 10 heat pumps.

The control unit in CTC EcoZenith i555 Pro or CTC EcoLogic L can manage your entire heating system, and can control hot-water production according to your preferences and needs. You can monitor your system remotely via BMS/Internet, Connect+ and SMS. Supplement with cooling, several heating circuits, solar panels and a pool – everything comes built-in right from the start.

It couldn't be simpler or more flexible.

An installer's dream

We have listened to our installation technicians and paid serious attention to their points of view and requests. The CTC EcoAir 400 series is therefore exceptionally easy to install. It takes up little ground space and has simple plumbing and wiring at a comfortable installation height with ample space.

CTC EcoZenith i555 Pro

Pool? Solar energy? Or just teenagers?

CTC EcoZenith i555 Pro is an all-in-one tank with built-in, intelligent control.

New smart display

CTC EcoZenith i555 Pro has a brand new touchscreen display, and the updated interface allows you to easily access all the features, just like on your smartphone. In addition, you can easily mirror the display on your tablet, mobile, etc. But most important of all is that it has clear symbols and multi-language settings – you can easily adjust the heat, hot water, and other functions or retrieve a range of information about the operation.

Built-in intelligent control

CTC EcoZenith i555 Pro can control all components in one or more heating circuits: solar heating, pool heating, extra DHW and buffer tanks, as well as electric, wood, oil, gas and pellet boilers. It is also able to control many different types of heat pumps and select which is to be used for optimal savings.

Flexible heating system

The CTC EcoZenith i555 Pro has several connection points on the sides. This provides discreet and simple pipe installations along with possibilities to easily extend the system in the future. Add CTC heat pumps or boilers for unlimited possibilities to create a flexible heating system. If you want to utilise solar heating, the CTC EcoZenith i555 Pro is equipped with solar control and a 10 metre-long solar coil.

Plenty of hot water

CTC EcoZenith i555 Pro provides plenty of hot water. At a flow rate of 22 litres per minute, the capacity is more than 600 litres of 40°C hot water.

Superior insulation

The CTC EcoZenith i555 Pro is very well insulated with 90 mm-thick injection-moulded polyurethane. The insulation is supplied separately, which allows the CTC EcoZenith i555 Pro to fit through a standard door.

Low ceiling height? No problem

CTC EcoZenith i555 Pro is only 1.70 m tall, and can therefore be placed in rooms with low ceilings.

Output up to 27 kW

CTC EcoZenith i555 Pro 3x400V is equipped with two electric heaters with a combined output of 18 kW. An additional electric heater is available as an accessory to achieve a total output of 27 kW.

Ready for future challenges

CTC EcoZenith i555 Pro has internet connectivity as standard, so you can easily control your heat pump remotely. To ensure compatibility with smart homes, the product is equipped for connection to Alexa, Google Home, etc. It is also SmartGrid-ready, which means it is equipped for the electricity grid of the future.







CTC Brilliant

A series of ultra-efficient stainless steel water heaters for houses and holiday homes.

Regardless of your hot water requirements, we have what you need! We have everything from small wall-mounted hot water heaters for holiday homes to complete heater systems for when there is a hefty demand for hot water. When you supplement a heat pump with a hot water heater, you get the maximum amount of hot water with minimal energy consumption.

Wall-mounted hot water heaters

CTC Brilliant 60 and 110 are small, convenient, wall-mounted hot water heaters designed for holiday homes or small houses, where high output is required in a small area. Both models are equipped with a cord and plug, and can be easily mounted to a wall.

Great hot water needs

CTC Brilliant 200 and 300 have the same modern design as our heat pumps. If you have a big family or greater hot

water needs, it may be a good idea to combine your heat pump with the CTC Brilliant 300 to maximise the amount of hot water and minimise energy consumption.

Vertical installation

All models are designed for upright installation with connection points underneath the heaters for connection directly from the floor or ceiling.



CTC Brilliant meets high energy standards, and all models are well-insulated. Heating takes place via a stainless steel immersion heater controlled by an adjustable thermostat.



CTC Hot Water Storage Tanks

Coil tanks and volume tanks of 300-750 litres

CTC's hot water storage tanks are designed for almost all types of energy sources. They are available in several models and sizes, and can also be combined to fit most heating systems and properties. All the tanks are well-insulated with polyurethane/mineral wool for the lowest possible energy loss.

CTC Accumulator Tank 1

Coil tanks for efficient DHW heating.

Available in three sizes (300, 500 and 750 litres) and five different models. CTC's tanks store radiator water instead of hot tap water in order to ensure optimal operation of the heat pump and that you always have fresh hot water. DHW heating is accomplished via finned copper coils, which are effectively heated by the radiator water in the tank.

CTC 300/20 has a volume of 300 litres and contains a finned copper coil measuring 20 metres. CTC 500/25-50 has a volume of 500 litres and contains 1-2 finned copper coils measuring 25 metres. CTC 750/50-75 has a volume of 750 litres and contains 2-3 finned copper coils measuring 25 metres each.

CTC 300/20 is able to cover the DHW needs of an average-sized house. CTC 500 is able to cover the DHW needs of up to 10 apartments and CTC 750 up to 15 apartments. They can also be cascade-connected in situations where the DHW need is greater.

CTC Accumulator Tank 2

Volume tanks for hot water storage.

The hot water storage tanks are available in three sizes (300, 500 and 750 litres) and can be interconnected to achieve the desired storage volume.

A hot water storage tank is necessary for wood boilers in order to store energy, since wood boilers often produce more energy than can be consumed at any given time. The size of the tank depends on the size and type of wood boiler installed. In most cases, a modern wood boiler requires a storage volume of at least 1500 litres.



Smart accessories

– supplement and simplify

myUplink CTC

With the myUplink app, you can monitor and control your system directly via your smartphone. For instance, you can adjust the temperature or be alerted if the system shuts down for any reason. The myUplink app can be downloaded for free from the App Store or Google Play.



CTC EcoVent 25 exhaust air unit

Allows for neat installation in buildings with mechanical exhaust air. Suitable for CTC GSi 600, CTC GS 600 and CTC EcoZenith i360.



Cooling CTC EcoComfort

Free cooling in the summer for a cool home. Consists of a passive cooling unit that utilises the cool temperature of the borehole.



CTC CFA exhaust air unit

Replaces previous ventilation in houses with exhaust air ventilation. Suitable for CTC EcoHeat/EcoPart Pro and CTC EcoZenith i250/i255.



CTC EcoVåf exhaust air unit with recovery

Used in combination with ground source heat. Recovers heat from the exhaust air and raises the temperature of the brine, which produces a higher COP.



Housing cover and height extender

Hide pipe connections, etc. with a stylish housing cover, or set the product on a base in the same design. Housing covers are available in three heights and can be combined to fit most products and ceiling heights.



CTC EcoVent 20 exhaust air unit

Replaces previous ventilation in houses with exhaust air ventilation. Suitable for CTC GSi/GS and EcoZenith i350.



View more smart accessories at ctc-heating.com

CTC SmartControl

– smart homes with CTC

Investing in a heat pump is one of the wisest decisions you will make. If you have an annual energy consumption of 30,000 kWh, there's a good chance that a heat pump will have paid for itself in just a couple of years.



CTC SmartControl ensures that heating, hot water and ventilation are optimised.

The system is based on CTC SmartControl Gateway, a base unit able to control up to seven optional wireless accessories. The series consists of several smart accessories: a wireless room sensor powered by solar cells, and a multi-button able to control a number of different functions, such as additional hot water.

If your home has thick floors and walls, you may need to amplify the signal. A repeater is available which amplifies signals between the various accessories.

Humidity and CO₂ sensors are also available which can control ventilation as needed. The humidity sensor automatically increases ventilation in shower or laundry rooms when the air humidity increases. The CO₂ sensor ensures that ventilation is decreased when no one is home, and is able to increase ventilation when family or friends come to visit.

CTC SmartControl ensures that ventilation is always optimised to provide consistently good air quality and that both ventilation and energy consumption are maintained at optimal levels.



CTC SmartControl – a series of smart wireless sensors which detect temperature, humidity and carbon dioxide.



CTC SmartControl Gateway

Base unit able to control up to seven optional smart accessories.



CTC SmartControl Repeater

Signal amplifier that amplifies signals between the various accessories whenever necessary.



CTC SmartControl Room Sensor

Solar-powered wireless room sensor with rechargeable battery.



CTC SmartControl Room/Humidity Sensor

Solar-powered wireless room sensor with rechargeable battery, which can control ventilation as needed.



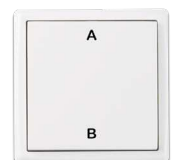
CTC SmartControl Room/Humidity/CO₂ sensor

Sensor that controls ventilation whenever necessary, ensures optimal ventilation for consistently good air quality, and ensures that both ventilation and energy consumption are maintained at optimal levels.



CTC SmartControl Multi-button

Wireless 2-mode button that can control several different functions, such as additional hot water.



With over 100 years of experience, we are actively working to achieve a sustainable and fossil-free society. All of our heat pumps are developed and manufactured in the Småland region of Sweden. We trace our roots back to 1923, when we began to heat Swedish homes. We are best known for our green boilers, which have supplied heating to millions of households all over Europe. We were the first company to offer heating boilers with built-in hot water heating and we were the first to introduce air-to-water heat pumps. It is therefore no exaggeration to say that we have developed the industry.

In short – CTC is one of Europe's leading manufacturers of heating products. We are located in Småland and we are – along with Bentone, Turboflame and Osby Parca – a part of Enertech AB, which sells products across the globe.

With us you are assured peace of mind, quality and warmth!



HEAT PUMPS

www.ctc-heating.com