



 Made in
Småland

TOTAL FREEDOM OF CHOICE WITH ENERGYFLEX



**ENERGY
FLEX** 

Expand your heating system whenever you want

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



EnergyFlex – only at CTC flexible and expandable.

EnergyFlex gives you total freedom to easily connect various heat sources in one system – now or in the future.

The system is based on an eco-friendly, economical and flexible heating circuit consisting of a CTC heat pump. With CTC control, you are prepared for anything – no matter if it's ground source, geothermal, air, or lake heating.

At CTC we have always believed in flexible systems. That is why you always receive EnergyFlex when you invest in one of our heat pumps.



Start now – add on later

CTC's technology enables you to supplement the heat pump with different types of boilers, solar panels, pool heating, cooling, extra hot water storage tanks and more. It all forms a heating circuit that can be controlled by you from a single place.

You control the entire system via a 4.3 inch colour touchscreen. It has simple symbols and you can choose the language.

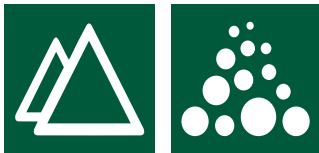
The most important functions:

- Monitors all heat pump functions.

- Allows for customised settings.
- Displays desired values, e.g. temperatures, operation times, energy consumption, and error alerts in a simple and structured way. This makes adjusting settings and troubleshooting easier.



CTC EcoAir 700M is an air-to-water heat pump that can produce both heating and cooling. Complement with the controller CTC EcoLogic or the indoor module CTC EcoZenith with integrated control and DHW heating.

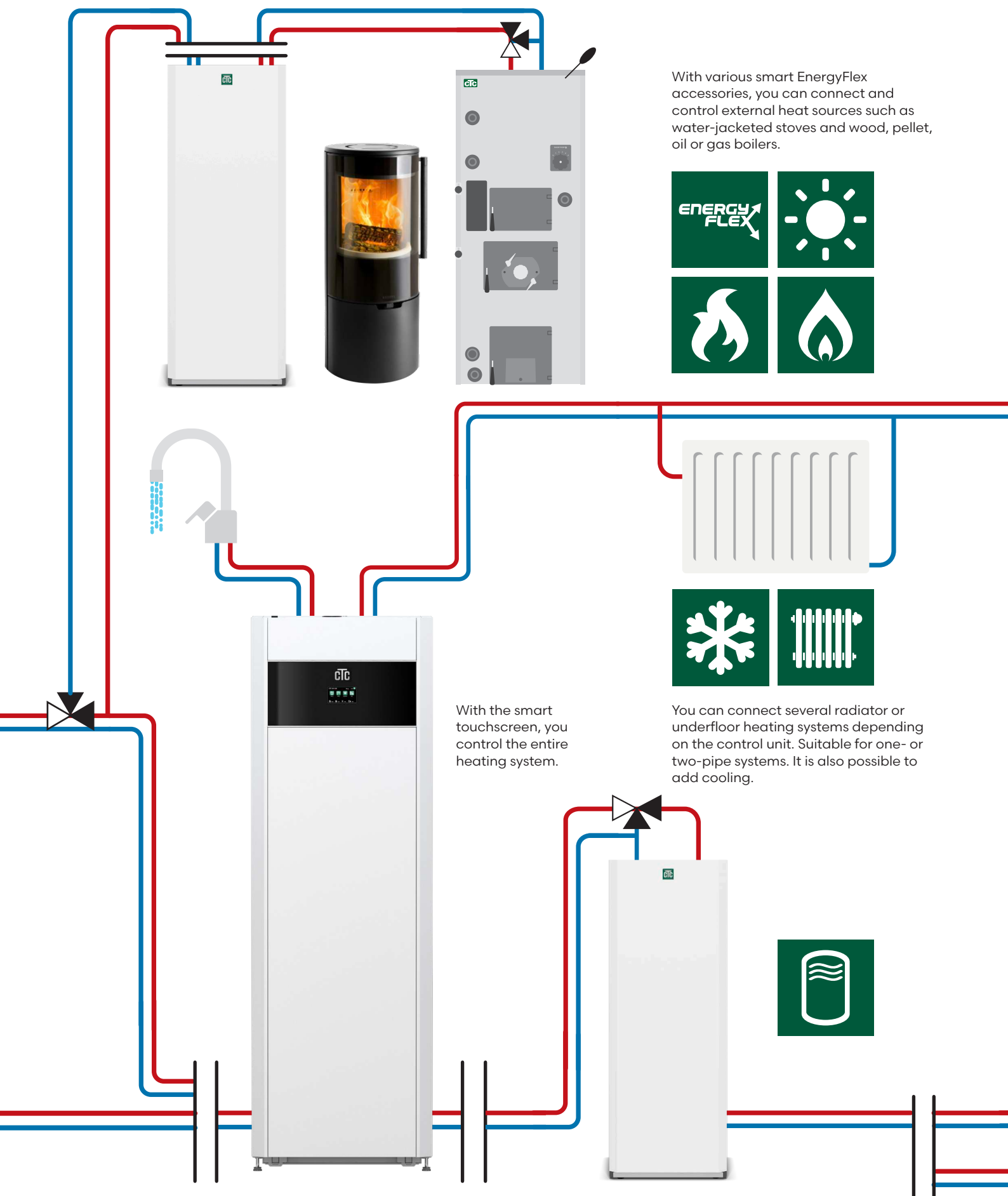


Choose whether to connect to ground source, geothermal or lake heating. Then choose between CTC GSi/GS or CTC EcoPart (with or without integrated control and DHW heating). Complement with the CTC EcoLogic controller or the CTC EcoZenith indoor module with integrated control and DHW heating.

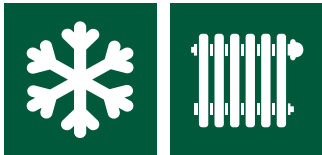
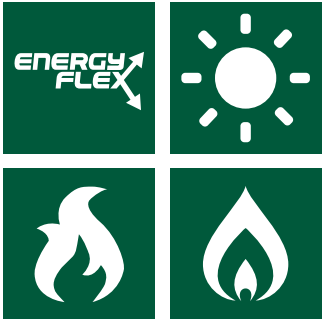


With the CTC EcoComfort accessory, you get pleasant cooling in the summer as it utilises the cool temperature of the bedrock/collector. Applies to all ground source heat pumps from CTC.





With various smart EnergyFlex accessories, you can connect and control external heat sources such as water-jacketed stoves and wood, pellet, oil or gas boilers.



With the smart touchscreen, you control the entire heating system.

You can connect several radiator or underfloor heating systems depending on the control unit. Suitable for one- or two-pipe systems. It is also possible to add cooling.



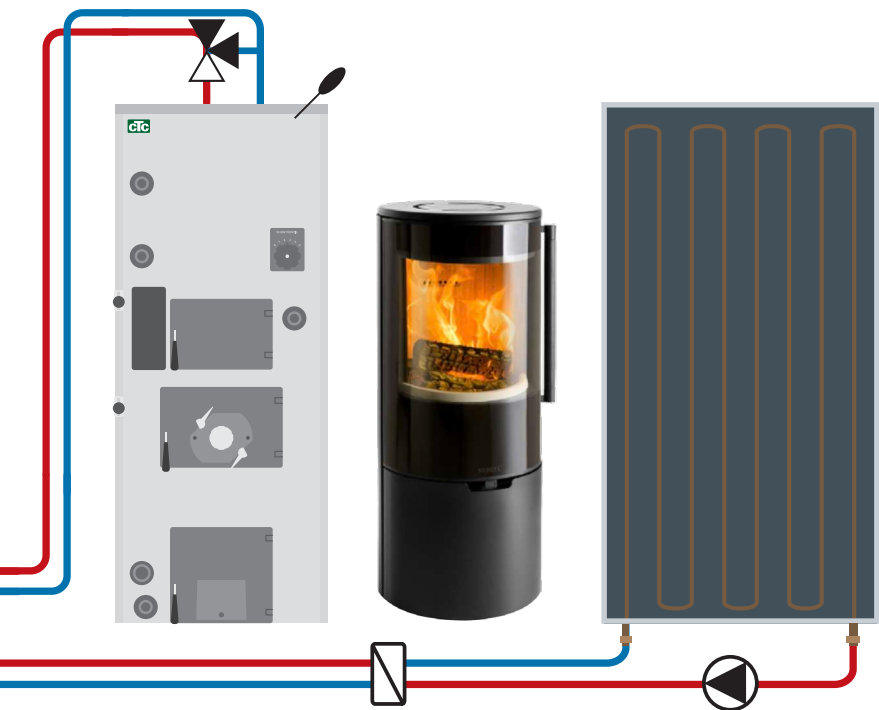
* This is a schematic diagram to show wiring options - always refer to manuals for installations.



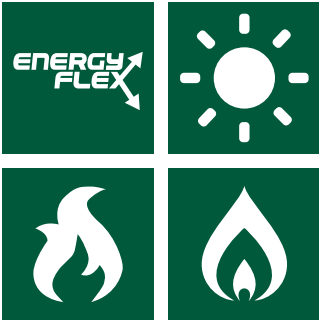
myUplink is our mobile app that allows you to easily monitor and adjust the settings of your heat pump and heating circuit. You can change the desired indoor temperature and the hot water settings and activate holiday mode remotely to save energy and be kinder to the environment.



With CTC's heat pumps, owning a pool becomes simpler and cheaper. The pool is easily connected to CTC's heat pumps via a pool exchanger and smart accessories from CTC.



With various smart EnergyFlex accessories, you can connect and control external heat sources such as water-jacketed stoves, solar collectors and wood, pellet, oil or gas boilers.



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 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.



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.

EnergyFlex with CTC GSi or CTC EcoZenith i360

You control the entire system via a 4.3 inch colour touchscreen. It has simple symbols and you can choose the language.

The most important functions:

- Monitors all heat pump functions.
- Allows for customised settings.
- Displays desired values, e.g. temperatures, operation times, energy consumption, and error alerts in a simple and structured way. This makes adjusting settings and troubleshooting easier.



Warm water is produced as it is consumed. The technology provides a continuous supply of fresh, legionella-free hot water.



CTC EcoAir 700M is an air-to-water heat pump that can produce both heating and cooling. Complement with the controller CTC EcoLogic or the indoor module CTC EcoZenith with integrated control and DHW heating.



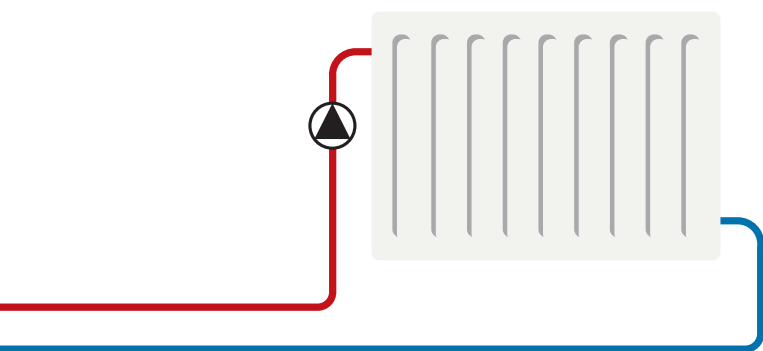
The CTC EcoPart is a compact ground source heat pump available in several models that connects to an accumulator tank or an indoor module for water-borne heating circuits.



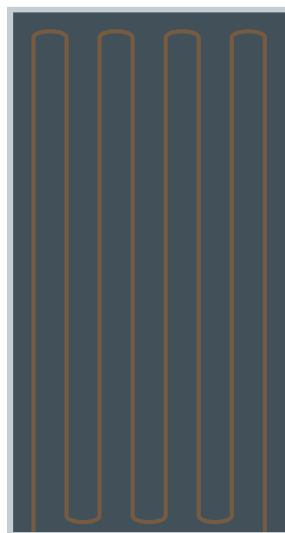
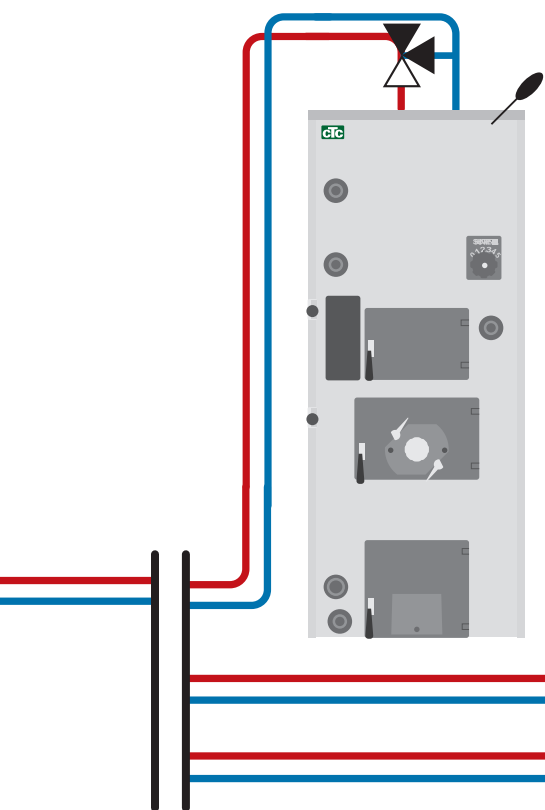
With the smart touchscreen, you easily control the entire heating system, including external heat sources, cooling, pool and anything else included in EnergyFlex.



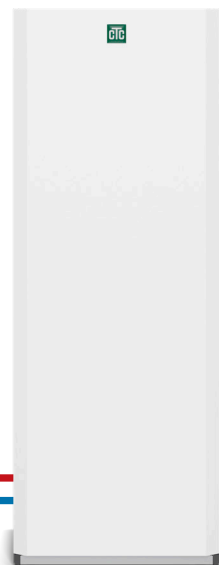
* This is a schematic diagram to show wiring options - always refer to manuals for installations.



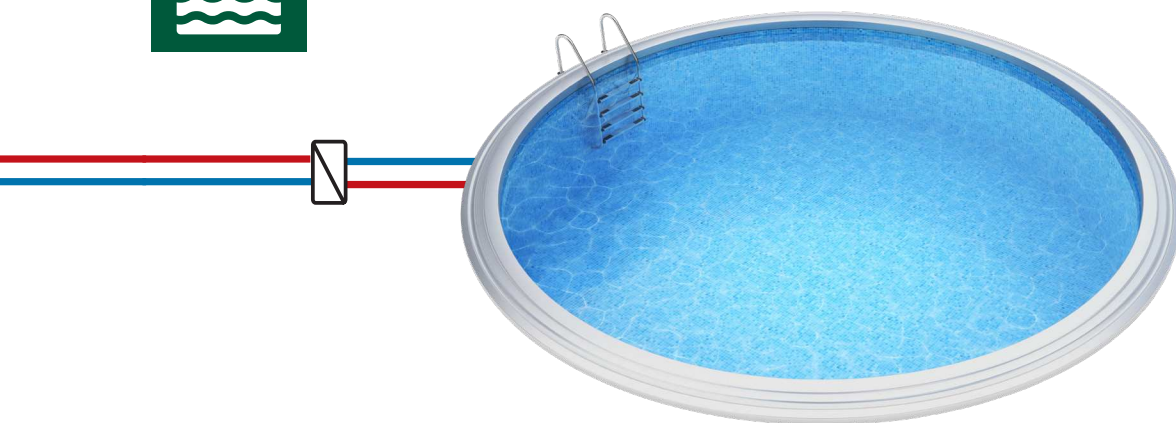
CTC's heat pumps are suitable for both radiator and underfloor heating systems. You can connect up to two radiator systems or underfloor heating systems. You can also connect our heat pumps to one- or two-pipe systems including older low-temperature systems.



With various smart EnergyFlex accessories, you can connect and control external heat sources such as water-jacketed stoves, solar collectors and wood, pellet, oil or gas boilers.



With CTC's heat pumps, owning a pool becomes simpler and cheaper. The pool is easily connected to CTC's heat pumps via a pool exchanger and smart accessories from CTC.



EnergyFlex with CTC EcoHeat or CTC EcoZenith i255

You control the entire system via a 4.3 inch colour touchscreen. It has simple symbols and you can choose the language.

The most important functions:

- Monitors all heat pump functions.
- Allows for customised settings.
- Displays desired values, e.g. temperatures, operation times, energy consumption, and error alerts in a simple and structured way. This makes adjusting settings and troubleshooting easier.



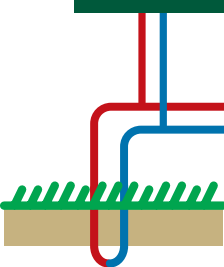
CTC EcoAir is an air-to-water heat pump available in several models and connects to an accumulator tank or indoor module for waterborne heating systems.



CTC EcoPart is a compact ground source heat pump available in several models and connects to an accumulator tank or indoor module for waterborne heating systems.



With the CTC EcoComfort accessory you get pleasant cooling in the summer as it utilises the cool temperature of the bedrock/collector. Applies to all ground source heat pumps from CTC.

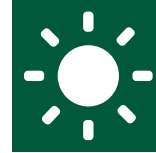
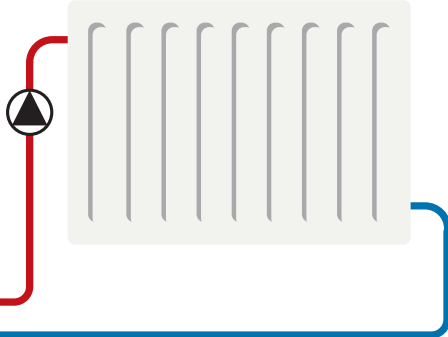


You control the entire heating system via the smart touchscreen.

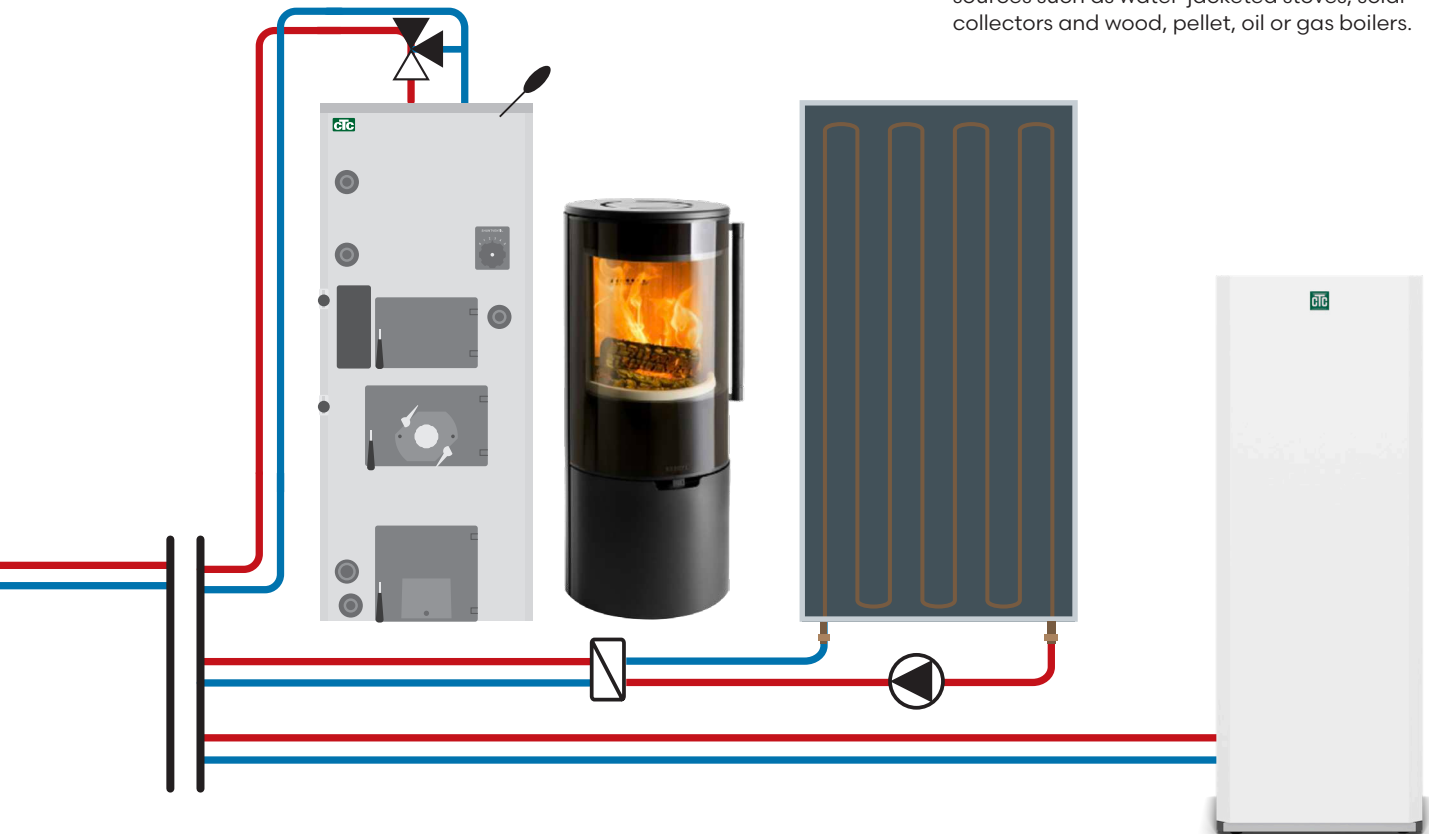
* This is a schematic diagram to show wiring options - always refer to manuals for installations.



You can connect up to two radiator systems or underfloor heating systems. Suitable for one- or two-pipe systems. It is also possible to supplement a radiator or underfloor heating system with cooling.



With various smart EnergyFlex accessories, you can connect and control external heat sources such as water-jacketed stoves, solar collectors and wood, pellet, oil or gas boilers.



With CTC's heat pumps, owning a pool becomes simpler and cheaper. The pool is easily connected to CTC's heat pumps via a pool exchanger and smart accessories from CTC.

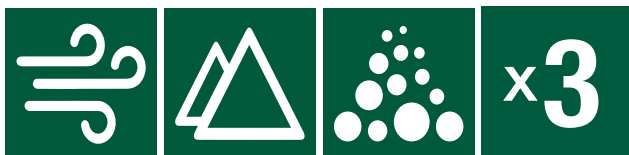


CTC EcoZenith i555 Pro – everything you want and more

CTC EcoZenith i555 Pro is an extraordinary and innovative technical solution – an all-in-one tank with built-in intelligence. EnergyFlex at its best.



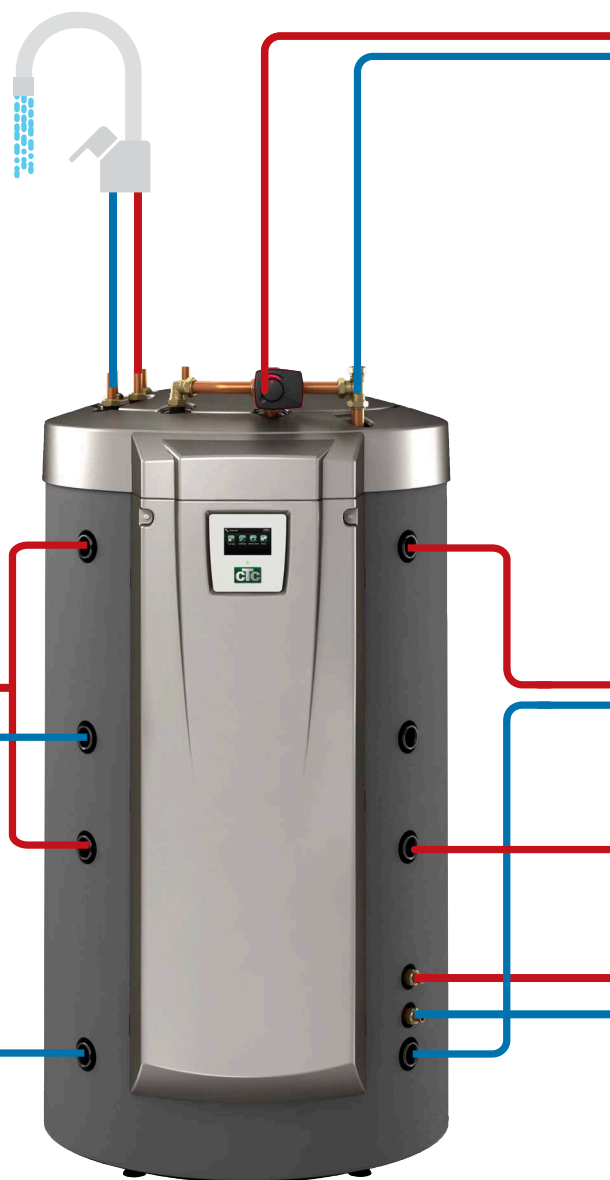
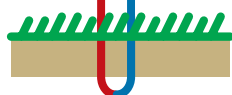
Unbeatable DHW capacity of more than 500 litres as standard. Fresh, legionella-free DHW at all times. An external DHW heater can also be connected. Provides more DHW and increased DHW capacity.



Would you prefer a heat pump for air/water or a heat pump for ground source, geothermal, or lake heating? Choose and combine up to three heat pumps. The smart control equalises the operation time between the heat pumps so as to maximise heat output and minimise the load.



With the CTC EcoComfort accessory you get pleasant cooling in the summer as it utilises the cool temperature of the bedrock/collector. Applies to all ground source heat pumps from CTC.

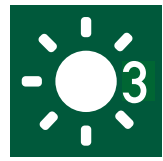
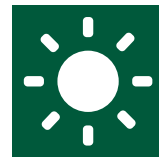
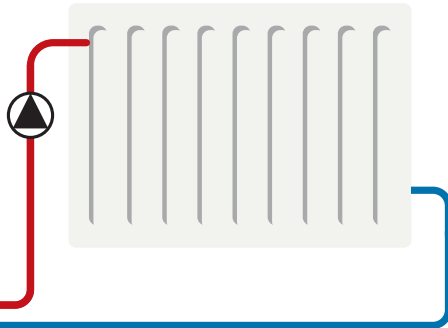


A tank in excess of 500 litres with DHW heating, integrated solar coils, built-in control for additional heat sources and much, much more.

* This is a schematic diagram to show wiring options – always refer to manuals for installations.



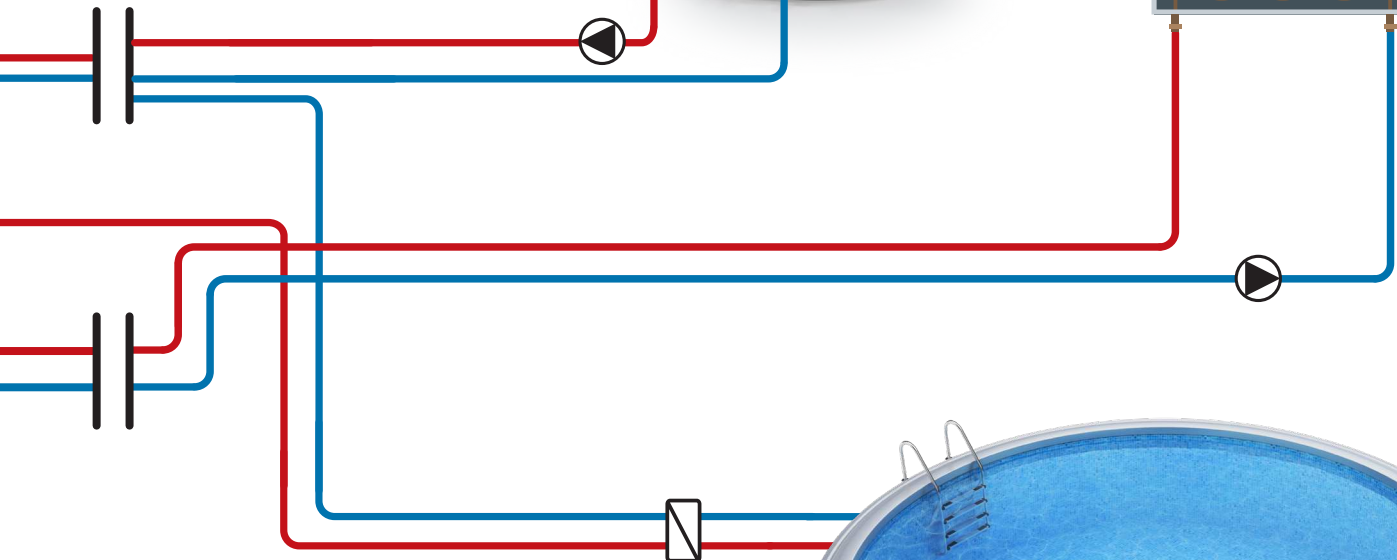
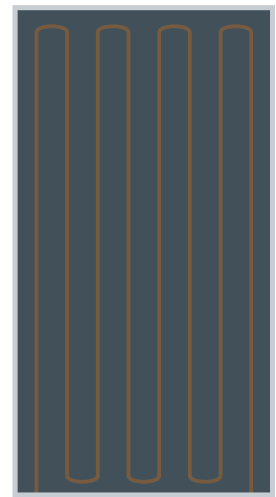
You can connect up to three radiator systems or underfloor heating systems. Suitable for one- or two-pipe systems. It is also possible to supplement one or two heating systems with cooling.



Use solar energy to recharge the bedrock (the collector). Connect up to three solar panels without an additional buffer tank. With an additional buffer tank, it is possible to connect two more solar panels.



Connect and control external heat sources such as water-jacketed stoves and wood, pellet, oil or gas. boilers.



With CTC's heat pumps, owning a pool becomes simpler and cheaper. The pool is easily connected to CTC's heat pumps via a pool exchanger.



100 YEARS AS A HEATING PIONEER

No other manufacturer can offer EnergyFlex, which gives you the freedom to connect to other heat sources, pools and tanks simply and cost-effectively within a single system.

CTC has a vast, wide range of efficient heat pumps, intelligent tanks, accessories and control systems. These products enable you to achieve even, comfortable heating in smaller houses as well as larger properties. In our 100-year history, we have been heat pioneers in many different areas, with EnergyFlex as one of our best examples.

