Made in Småland

CTC EcoLogic

Smart control for all heating systems.

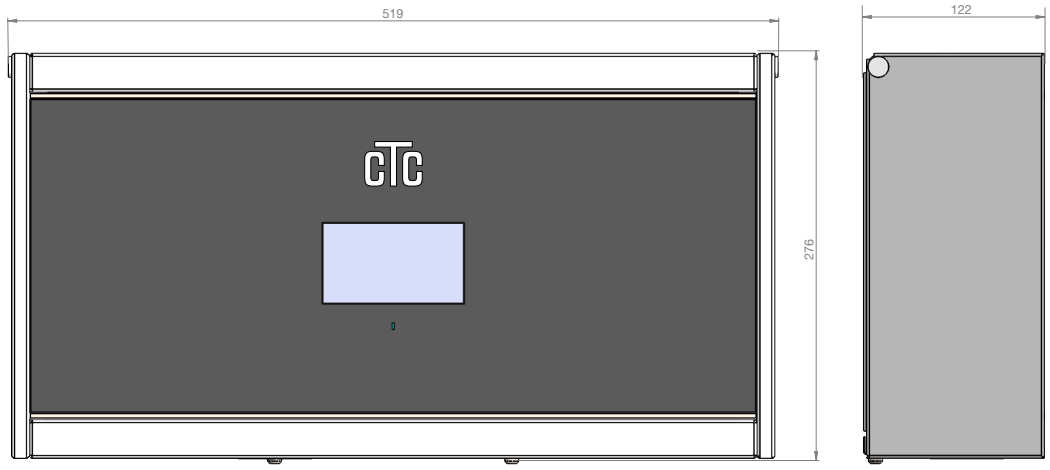
Flexible, future-proof and easy to use.
Models: M, L and XL



- Advanced yet user-friendly control
- Support for hybrid solutions and EnergyFlex
- Three models for all types of properties
- Connected and app-controlled as standard
- Future-proof and upgradeable

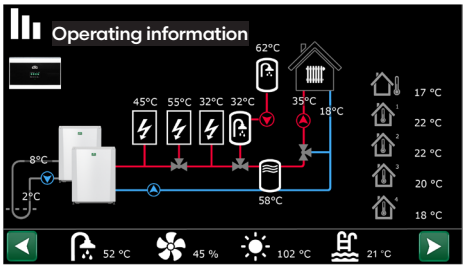
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Dimensional drawing



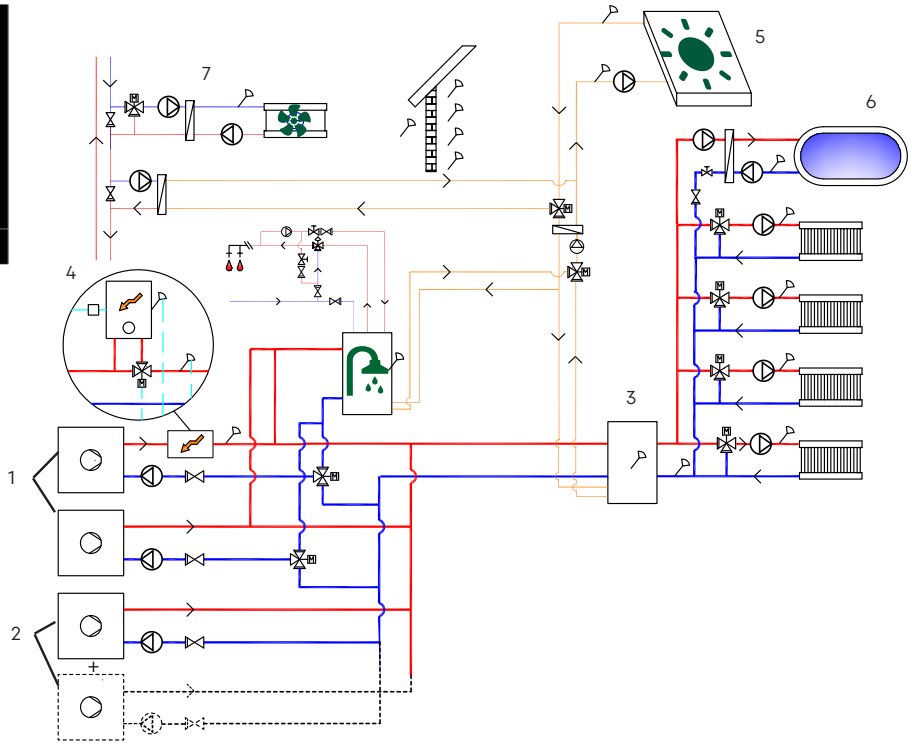
Delivery includes:
CTC EcoLogic, communication cable, wall bracket, room sensor, outdoor sensor, primary flow sensor (3x 22k) and manual.

Example of a systems overview



CTC EcoLogic L, System 4.
(One of six different systems)

1. Heat pumps 1 and 2 can be connected using 3-way valves that direct the heat flow either to the DHW system or heating circuit.
2. The other heat pumps are connected to the heating circuit.
3. All heating from the heat pumps and additional heat goes to the heating system through the buffer tank.
4. Additional heat is placed before the DHW system.
5. Solar heating can be connected either to the hot water tank or to a buffer tank using 3-way valves, or to a ground heating coil.
6. Pool heating is connected after the buffer tank.
7. Cooling can be connected to the geothermal heating system.



NB: This is a schematic diagram! The system in question must be set up in accordance with current standards.

Intelligent and flexible control of the entire heating system. A future-proof solution with genuine EnergyFlex – smart, user-friendly and expandable.

Intelligent and flexible control
CTC EcoLogic is the heart of your heating system. This advanced control module gives you full control and maximum flexibility – whether you are building new, upgrading or combining multiple energy sources. With three powerful models, designed for everything from single-family homes to large properties, it is a solution that meets both current and future demands.

Three variants for different requirements:
CTC EcoLogic is available in three models: M, L and XL. The M model is ideal for smaller systems and supports up to two heat pumps. The L model is designed for larger installations and supports up to ten heat pumps, with features such as pool control and cooling. The XL model offers maximum capacity, with dual tank sensors and support for both active and passive cooling from ground source and air-to-water systems. The M and L models can also be upgraded if the system needs to expand over time.

Flexible hybrid solutions
With CTC EcoLogic, you can combine different energy sources – for example, ground source heating and air-to-water – within a single system. The control system manages both heating and cooling, both active and passive, and automatically optimises energy usage. The result is a flexible, energy-efficient and comfortable system that operates all year round.

Easy connectivity and control
With built-in Modbus TCP/IP connectivity, CTC EcoLogic can easily be integrated into higher-level systems without the need for additional accessories. Through the myUplink app, both property owners and installers have full control of the installation at all times.

CTC – Experience you can rely on
CTC is a Swedish brand with over a century of experience in heating technology. When you choose a product from CTC, you're not just investing in reliability — you're getting solid warranties, expert service, and support from people who know the system inside and out.

Features that simplify everyday life
CTC EcoLogic is designed to make everyday operation simple and efficient. With smart functions and built-in connectivity, you get full control, flexibility and optimised energy use.

Hybrid solutions: Combine different heat sources in one system.

Cooling options: Active and passive cooling from both ground source and air-to-water systems.

EnergyFlex: Optimises energy use with alternative energy sources.

Modbus communication: Easy integration without additional hardware.

App control: Monitoring and control via myUplink.

Technical data		**M**	**L**	**XL**
CTC-no.		591300001	591301001	591302001
Weight (packaged weight)	kg	7,5 (8)		
Dimensions (depth x width x height)	mm	122x519x276		
Electrical data, connection		230V 1N~ 50 Hz		
Rated current/group fuse	A	10/10		
Ingress Protection class (IP)		IP X1		
Compatible with control of:		**M**	**L**	**XL**
Heat pumps 1-2		X	X	X
Heat pumps 3-10			X	X
Heating systems 1-2		X	X	X
Heating systems 3-4			X	X
Supplementary heating 0-10V			X	X
Supplementary heating 230V		X	X	X
Solar Energy			X	X
Pool			X	X
DHW circulation			X	X
Ventilation		X	X	X
Passive cooling (ground source)			X	X
Active cooling (air-to-water)			X	X
Active cooling (ground source)				X
Dual tank sensors				X

Compatible heat pumps

– refer to individual product sheets for more detailed information.



CTC EcoAir 700M

CTC EcoAir C100



CTC EcoPart 400-600M

CTC EcoPart Basic

CTC EcoPart 7000

Smart accessories

– supplement and simplify.

		CTC no.:
Conversion kit CTC L-XL	Conversion kit for upgrading CTC EcoLogic L to CTC EcoLogic XL	591571001
Conversion kit CTC M-L	Conversion kit for upgrading CTC EcoLogic M to CTC EcoLogic L	591570001
Power converter 24V/5A	Converter box for power supply 24V/5A	591510001
Power converter 12V/8A + 24V/2.5A	Converter box for power supply 12V/8A + 24V/2.5A	591510002
CTC Wireless room sensor II	Wireless room sensor with communication module	591873301
CTC Extra Shunt group	Complete package for neat and easy installation of additional heating circuits	587396301
CTC Mixing Valve Group 2	For installing an additional heating circuit	586857001
CTC Mixing Valve Package Pro	Shunt valve and motor valve for installation in shunt systems, 22 mm connection	585903301
CTC Diverting Valve, 3-way	For interconnections in the system, 22 mm connection	583621401
CTC DHW button	Activates the extra hot water function, wire-bound	582515301
CTC EcoMiniel 3x400V	Compact additional heating for heat pump systems, 3-9 kW	581759001
CTC EcoMiniel 1x230V	Compact additional heating for heat pump systems, 2-6 kW	581759002
CTC SmartControl Gateway	Base unit able to control up to seven optional units	588300301
CTC SmartControl Repeater	Amplifies the signal between the base unit and the different accessories	588300302
CTC SmartControl Room/Humidity/CO_2 sensor	Wired sensor that can control ventilation on demand (Base unit required)	588300303
CTC SmartControl Room/Humidity Sensor	Solar powered and wireless with rechargeable battery (base unit required)	588305301
CTC SmartControl Room Sensor	Solar powered and wireless with rechargeable battery (base unit required)	588306301
CTC SmartControl Multi-button	Wireless 2 mode button (Base unit required)	588307301

Find more accessories at ctc-heating.com

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The Company reserves the right to change, amend or modify the information contained herein

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