

CTC EcoLogic L/M

Advanced heat pump control

The logical choice for your heating circuit!



Benefits

- Stylish design
- Smart touch display with user-friendly interface
- Fully automated connection and disconnection of the existing boiler
- Internet connection as standard
- Controls up to ten CTC heat pumps
- Six system versions
- Internet connection as standard
- Can be controlled from a smartphone with myUplink



ENERGY FLEX

Find a CTC distributor in your home country

www.ctc-heating.com

Advanced heat pump control that automatically monitors and controls your entire heating circuit

Smart 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.

User-friendly display

CTC EcoLogic L and M have a modern design with a fully integrated touch display. The display has a very user-friendly 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.

EnergyFlex

CTC EcoLogic L can control and

monitor up to ten heat pumps. To ensure compatibility with most water-borne radiator systems, there are six different basic systems to choose from. The control system handles the connection and disconnection of the existing boiler fully automatically, prioritises hot water production or heating, and can handle up to four heating circuits.

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.

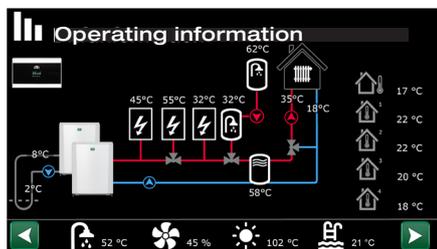
The CTC EcoLogic has a built-in power monitor, optional external additional heat (0-10 V, 0-3 steps or 0-7 steps), hot water prioritisation and a built-in buzzer alarm. You can log operating data and update programs via USB.

Built-in internet connectivity

The CTC EcoLogic L and M control units have internet connectivity as standard, so you can easily control your heating circuit remotely. You can also connect the control to a remote computer (DUC). To ensure compatibility with smart homes, the control units 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.

Made in Sweden

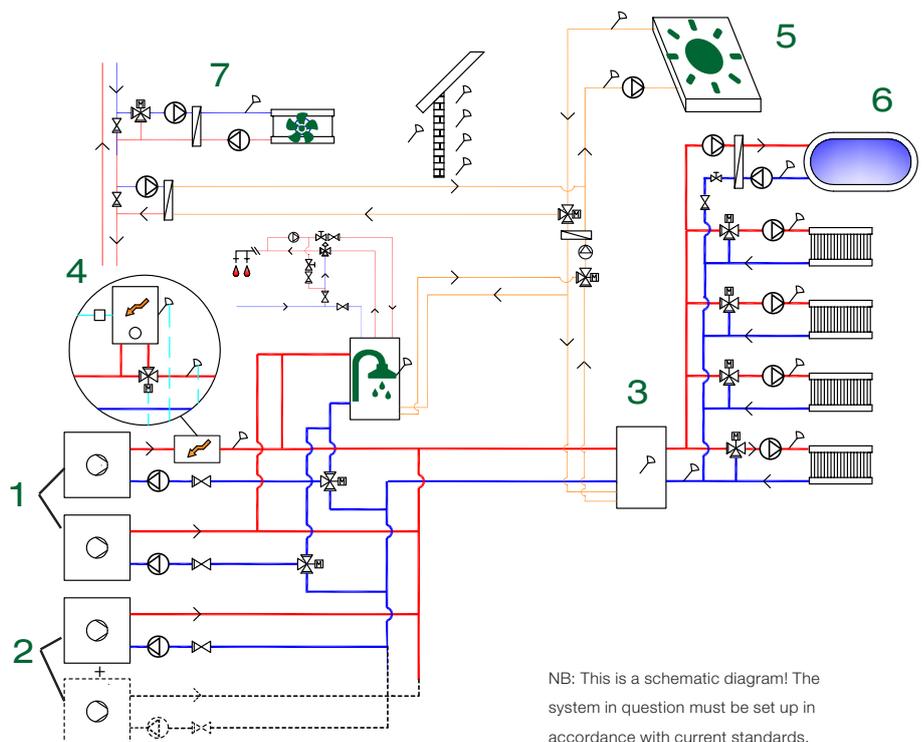
All CTC heat pumps and control units are designed, developed and manufactured in our factory in Ljungby. This gives us total control of all stages of the manufacturing process.



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.

Connection example



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

Whenever you purchase a product from CTC, it usually comes fully equipped, but there are also a few smart accessories to make life even easier.

myUplink CTC

With the myUplink app, you can monitor and control your system directly via your mobile phone. 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 EcoMiniEI

The electric boiler is primarily used for additional heating in heat pump systems. CTC EcoMiniEI has three output stages and must always be installed vertically, i.e. upright with the display facing upwards.

3x400V

CTC no.: 581759001

1x230V

CTC no.: 581759002

CTC Extra Mixing Valve Group

Complete package for neat and easy installation of additional heating circuits. Complete and ready-to-use with connected controls, which means that getting started is quick and simple. Equipped with an energy-efficient circulation pump, in accordance with the ErP Directive. Well-insulated unit with easy external access to all adjustment controls and electronic components.

CTC no.: 587396301



CTC SmartControl

A series of smart wireless sensors which detect temperature, humidity and carbon dioxide. The system is based on CTC SmartControl Gateway, a base unit able to control up to seven optional wireless accessories.

The series includes a wireless room sensor powered by solar cells, a humidity and CO₂ sensor that can control ventilation as needed, a repeater that amplifies signals between different accessories and a multi-button able to control several different functions, such as additional hot water.

Other accessories

		CTC no.:
CTC Installation Kit EVK	For installation of an additional heat source (wood, water-jacketed stove, etc.)	587368301
CTC Expansion EnergyFlex II	External control of solar/pool/DHW circulation, etc.	589262301
CTC Volume Tank VT80	Detached volume tank with 4 connections (3/4")	587190301
CTC EcoComfort	A passive cooling unit that uses the borehole's cool temperature	585920001
CTC Diverting Valve, 3-way	For interconnections in system, e.g. pool (22 mm connection)	583621401
CTC SMS Control	Full control of your heating system via SMS	585518301
CTC Mixing Valve Pack Pro	Mixing valve and motor valve for installation in mixed systems, connection 22 mm.	585903301

Dimensions diagram



Delivery includes:

CTC EcoLogic L/M, communication cable, wall bracket, room sensor, outdoor sensor, primary flow sensor (3x 22k) and manual



Control:	L	M
Heat pumps 1-2	X	X
Heat pumps 3-10	X	
Heating systems 1-2	X	X
Heating systems 3-4	X	
Solar Energy	X	
Pool	X	
Passive cooling	X	
DHW circulation	X	
Ventilation	X	X
Active cooling	X	X *

Active cooling from: 8220-2108-0182

* not for separate cooling tank

* not for valve Y62

* only for common heating / cooling tank

CTC EcoLogic Technical Data		L	M
RSK no.		6212574	6212575
CTC no.		589430301	589430302
Weight	kg	7.5	7.5
Dimensions (depth x width x height)	mm	122x519x276	
Electrical Data, connection		230V 1N~ 50 Hz	
Enclosure class (IP)		IP X1	
Recommended fuse	A	10	

Energy labels and data sheets can be downloaded from www.ctc-heating.com/Ecodesign