CTC EcoLogic

The logical choice for your heating system

CTC EcoLogic Pro/Family is a unique control system that automatically monitors and controls CTC's heat pumps, additional heating, buffer tanks, pools, free cooling, etc.

CTC EcoLogic Pro can control and monitor up to ten heat pumps. To ensure compatibility with most boilers and 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.

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

CTC EcoLogic has a built-in power monitor, buzzer alarm, and hot water prioritisation. You can log operating data and update programs via USB. CTC EcoLogic can also be controlled via the internet or text message (optional extra) or connected to a remote computer (DUC).

CTC EcoLogic has a large and clear 4.3-inch colour touchscreen. It displays operating data, long-term values, and personal settings in an easy-to-read and logical manner. You can also log operating data and update programmes via USB.

CTC EcoLogic has remarkably logical accessories, it can be controlled via text message or connected to a master system with CTC BMS/Internet. CTC SmartControl is a series of smart, wireless sensors that control temperature, humidity and carbon dioxide, ensuring that heating, hot water and ventilation are optimised.

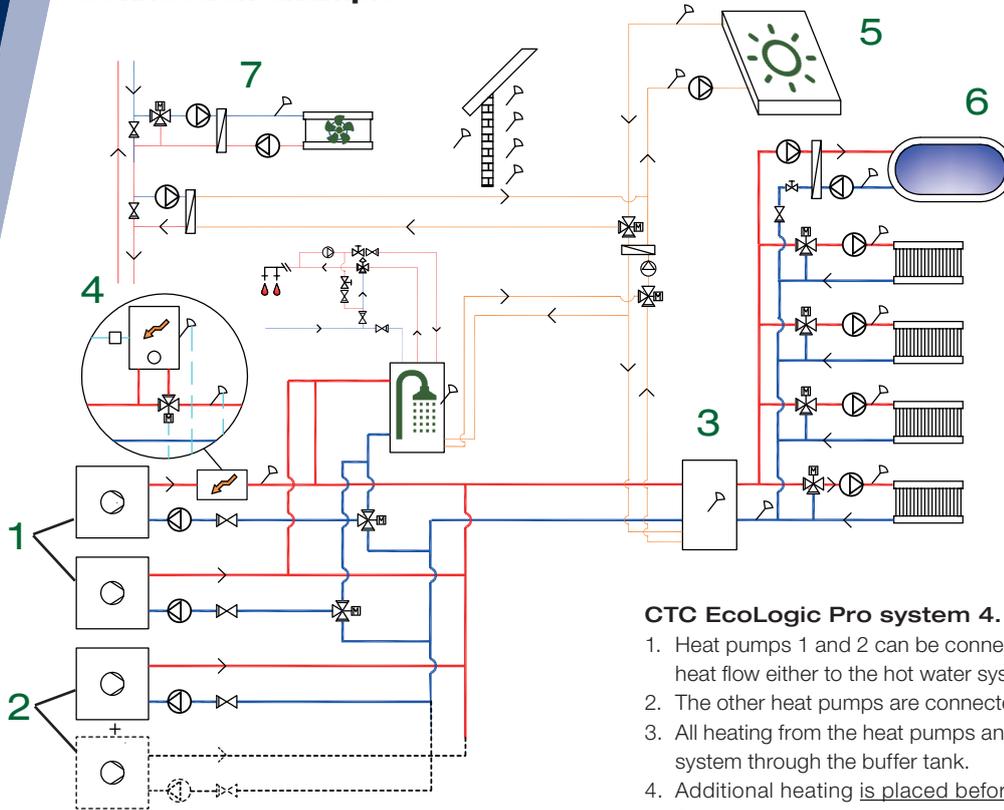CTC EcoLogic – the logical and obvious choice!

Benefits

- Two variants
- Six system versions
- Controls up to ten CTC heat pumps
- 4.3-inch colour touchscreen
- Fully automated connection and disconnection of the existing boiler
- Can be controlled by a master system using the CTC BMS/Internet accessory
- Can be controlled from a smartphone with CTC Connect+

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www.ctc-heating.com

Connection example

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

CTC EcoLogic Pro 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 hot water system or heating system.
2. The other heat pumps are connected to the heating system.
3. All heating from the heat pumps and additional heat goes to the heating system through the buffer tank.
4. Additional heating is placed before the hot water 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.

Delivery includes:

Connection box, 5 m communication cable, display unit, wall bracket for display unit, room sensor, outdoor sensor, primary flow sensor (3 x 22k), and user manual

Accessories	CTC no.:	RSK no.:
CTC mixing valve assembly	585903301	6246774
CTC EcoMiniEl 3-9 kW	581759001	6240767
Communication cable 10 m	586041401	6246820
CTC Internet	587581301	6247769
CTC SMS Control	585518301	6246511
CTC BMS/Internet	585513301	6246515

Technical data		Pro	Family
RSK no.		6246513	6247711
CTC no.		585888301	585888302
Weight (packaged weight)	kg	5.3 / 6.5	5.3 / 6.5
Dimensions Display (depth x width x height)	mm	28 x 159 x 160	
Dimensions Connection box (depth x width x height)	mm	121 x 479 x 283	
Electrical Data, connection		230V 1N~	
Enclosure class (IP)		IP X1	
Recommended fuse	A	10	

Control:	Pro	Family
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	
Cooling	X	
DHW circulation	X	

CE

CTC