EcoLogic Family & Pro

Intelligent Heat Pump Controller

The logical Control System for CTC Heat Pumps

CTC EcoLogic is a unique control system designed to monitor and regulate CTC's range of heat pumps. The CTC EcoLogic Family can control up to 2 heat pumps and 2 weather compensated heating circuits, buffer tank and DHW cylinder as well as additional heat sources. The CTC Ecologic Pro provides control of up to 10 heat pumps, 4 weather compensated heating circuits, buffer tank and DHW cylinder. It can also provide control for DHW Circulation, solar panels, borehole recharging, cooling, swimming pool heating and numerous external additional heat sources including oil and gas boilers.

With 6 different system layouts using either degree minute or tank temperature control the flexibility of the CTC EcoLogic will suit the majority of system layouts. Monitoring of the system demands allows the CTC EcoLogic to automatically prioritise hot water and heating as required.

The 4.3 inch colour touch screen provides easy access to the system settings with an intuitive user interface. The CTC EcoLogic Software can be updated via a USB port and data can be recorded to a USB memory stick enabling analysis of the system running data.

The CTC EcoLogic is supplied with a display wall mounting bracket, 5 m display cable, room sensor, outside sensor and primary/return flow sensors. The display can be mounted remotely from the main wiring centre using a CAT 5 Ethernet cable.

System monitoring can be remotely accessed with the CTC Connect app and either a CTC Internet or CTC SMS kit.

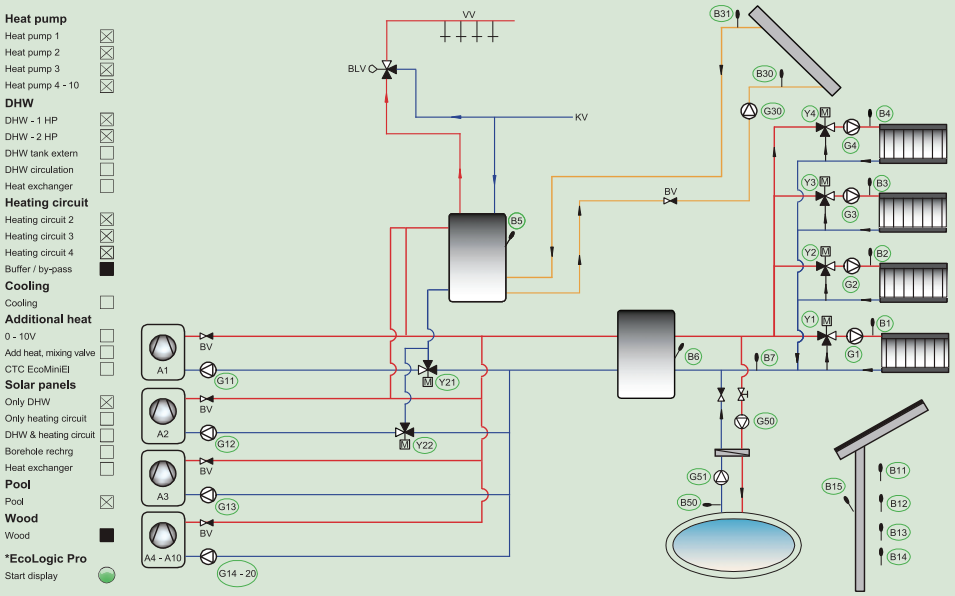
Key features

- Control of up to 10 CTC heat pumps and 4 weather compensated heating circuits
- Six system type to choose from satisfying the majority of hydraulic layouts
- Dynamic PDF to provide system schematics
- DHW cylinder control with options for DHW circulation
- In-built control of Solar panels, swimming pool heating, passive cooling and borehole recharging
- 4.3 inch colour touch screen intuitive interface
- Supplied with 5 metre cable for remote location of the display screen
- Automatic product recognition
- Can be upgraded to support internet or SMS monitoring
- System software can be updated via the USB port and operating data can be downloaded via the USB port

ENERGY FLEX

EcoLogic Family & Pro

TECHNICAL DATA			
Electrical Data		EcoLogic Family	EcoLogic Pro
Part number		585888302	585888301
Electrical connection		1 x 230V	
Fuse rating	A	10	
Other Data			
Display		4.3 inch colour touch screen	
Dimensions (H x W x D)	mm		
Display		160 x 159 x 28.1	
Connection box		283 x 479 x 12.1	
Control			
Heat pumps 1 to 2		Yes	Yes
Heat pumps 3 to 10		-	Yes
Heating circuits 1 to 2		Yes	Yes
Heating circuits 3 to 4		-	Yes
DHW circulation		-	Yes
Solar		-	Yes
Swimming pool		-	Yes
Passive cooling		-	Yes
Borehole recharging		-	Yes



Typical EcoLogic Pro installation with control of up to ten heat pumps, four weather compensated heating circuits, solar panels, swimming pool and DHW. A truly flexible approach to system control.

Delivery includes:

Outdoor sensor
Room sensor
Primary flow and tank sensors
Communication cable
Wall mounting bracket

Accessories/Part Number:

CTC Wireless room sensor
585520301

CTC Connect
587581301

CTC SMS Control
585518301

Enertech Group

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ENERGY FLEX

APPROVED PRODUCT