











# Accessory Catalogue



When you invest in a heat pump from CTC, you can rest assured knowing that you are installing one of the most reliable and long-lasting heat pumps on the market. Development and manufacture take place in our factory in Småland, where quality mindedness and innovation go hand in hand.

**The system is based on an eco-friendly, economical and flexible heating system consisting of a CTC heat pump.**

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# Geothermal 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 rocks, the ground, and in lakes. The energy utilised is free and eco-friendly, and contributes to a reduction of CO<sub>2</sub> emissions.

To reach this energy resource, a liquid-filled collector hose is laid in the bedrock, the ground or in lakes. A hole measuring 100-200 metres is drilled into the bedrock, while a 300-500 metre-long hose is laid in the ground or 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. The heat pump then distributes the heat to the building's heating system. A heat pump from CTC largely takes care of itself, and other heat sources can easily be added.

## **CTC GSi**

These ultra-efficient, variable-speed heat pumps, with built-in hot water heating, are very quiet and adapt to the heating needs of the home, models 608-616.

## **CTC GS**

Efficient heat pumps with built-in hot water heating and quiet scroll compressors at an excellent price, models 606-608.

## **CTC EcoHeat**

The quiet, efficient heat pump with built-in hot water heating and a quiet scroll compressor, models 406-412.

## **CTC EcoPart**

A series of compact heat pumps that meet the heating needs of houses or small industrial premises, models 406-417

## **CTC EcoPart Pro/Basic**

3-stage building heat pumps with quiet scroll compressors and built-in control, models 415-435.



# CTC Accessory

Heat pump for ground source, lake or geothermal heating

## CTC Expansion Tank GSi/GS

Expansion tank with flexi-hose and connectors.

Suitable for: CTC GSi and CTC GS

CTC no.: 587886301

RSK: 6212343



## CTC Installation Kit EcoHeat 400

Everything you need to install your CTC EcoHeat.

Contents: Expansion tank, circulation pump and connectors.

CTC no.: 586772411

RSK: 6251107

## CTC Mixing Valve Pack Pro

Mixing valve and motor valve for installation in mixed systems, connection 22 mm. Suitable for: CTC EcoPart Pro.

CTC no.: 585903301

RSK: 6246774



## CTC Volume Tank VT80

Free-standing, 80-litre volume tank for greater water volume. Four connections 3/4" external thread. Drainage 1/2" internal thread. The accessory is designed for CTC GSi and CTC GS but can be used for all heating systems.

CTC no.: 587190301

RSK: 6240971

## CTC Safety Pressure Switch

Safety pressure switch that alerts to low brine pressure.

Suitable for: CTC's Ground source heat pumps

CTC no.: 585991301R

RSK: 6212353



## CTC EnergyFlex Kit 400

CTC EnergyFlex Kit 400 for flexible top connection of external systems.

Suitable for: CTC EcoHeat.

CTC no.: 587236301

RSK: 6247770

## CTC Installation Kit, Additional Heat Source GSi/GS

For installing an additional heat source.

Suitable for: CTC GSi and CTC GS

CTC no.: 587368301

RSK: 6240965

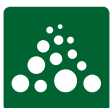


## Connection Brine - Top Mounting

Installation kit for heat pump replacement with top connection to heat pump with side connection. Suitable for: CTC EcoHeat

CTC-no: 588909301

RSK: 5656781



# CTC Accessory

Heat pump for ground source, lake or geothermal heating



### CTC Charge Pump 25/70-130 6-8 kW

7.0 m A-class PWM for 6-8 kW heat pumps. With signal and connection cables and a terminal block for connection in CTC EcoPart 406-412 and CTC EcoPart Pro/Basic.

CTC no.: 587477303  
RSK: 6212428

### CTC Charge Pump 25/75-130 10-12kW

7.5 m A-class PWM for 10-12 kW heat pumps. With signal and connection cables and a terminal block for connection in CTC EcoPart 406-412 and CTC EcoPart Pro/Basic.

CTC no.: 587477302  
RSK: 6212427



### CTC Charge Pump 25/85-130 14-22 kW

8.5 m A-class PWM for 14-22 kW heat pumps. With signal and connection cables and terminal block for connection in CTC EcoPart 414-417 and CTC EcoPart Pro/Basic.

CTC no.: 587477301  
RSK: 6212426

### CTC Brine Pump 25/125-180 10-17 kW

A-class circulation pump with Molex connector  
Suitable for: CTC EcoHeat and CTC EcoPart 406-412.

CTC no.: 585591301R  
RSK: 6250976



### Adapt your product to your ceiling height

Hide pipe connections, etc. with a stylish housing cover, or set the product on a base in the same design.

Housing covers are available in three heights and all are combinable to fit most ceiling heights. Raised Base 168 mm.  
Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart.

### CTC Housing Cover 588 mm

CTC no.: 586463303R

### CTC Housing Cover 488 mm

CTC no.: 586463302R

### CTC Housing Cover 146 mm (Included in CTC EcoHeat)

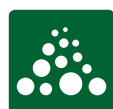
CTC no.: 586463301R



### CTC Raised Base II

CTC-nr: 589590301

GSi/GS600, EH400 from 731020391468, EcoPart from 730120390473



# CTC Accessory

Heat pump for ground source, lake or geothermal heating



## Filling Kit G25

Valve manifold with dirt filter for brine filling and shut-off DN25. Suitable for: CTC GS.

CTC no.: 586720301T

RSK: 6251102

## Filling Kit G32

Filler manifold for 14-18 kW heat pumps with replaceable, stainless steel basket strainer DN32. Suitable for: CTC EcoHeat, CTC GSi 12, CTC GS and CTC EcoPart 406-412.

CTC no.: 586720302T

RSK: 6251103

## Flap Check Valve 184GO-25 IN

Soft-sealing flap check valve with nitrile rubber seal. For Filling Kit G25 6251102. Suitable for: CTC EcoPart Pro/Basic.

CTC no.: 586710303

RSK: 6251092



## Flap Check Valve 184GO-32 IN

Soft-sealing flap check valve with nitrile rubber seal. For Filling Kit G32 6251103. Suitable for: CTC EcoPart Pro/Basic.

CTC no.: 586710304

RSK: 6251093



## CTC Mixing Valve Group 2

Used for installing an additional heating circuit. Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 586857001

RSK: 6247712

## CTC Extra Mixing Valve Group

Package for neat and easy installation of additional heating circuits. Complete and ready-to-use with connected controls – so 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. Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 587396301

RSK: 6240967



## CTC EcoComfort

A passive cooling unit that uses the borehole's cool temperature. Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 585920001

RSK: 6240922



# CTC Accessory

Heat pump for ground source, lake or geothermal heating



### CTC EcoVáf III - Exhaust Air Unit with recovery

Designed to dock with CTC's geothermal/ground source heat pumps in buildings with mechanical exhaust air ventilation. Recovers heat from the exhaust air and raises the temperature of the brine, which produces a higher COP. Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 586713001

RSK: 6240933



### CTC CFA - Exhaust Air Unit

Allows for tidy and easy installation in buildings with mechanical exhaust air ventilation. The used air is vented out and new, fresh air is supplied to the building by the building's own air supply diffuser. Suitable for: CTC EcoHeat and CTC EcoPart Pro.

CTC no.: 586715001

RSK: 6240934



### CTC EcoVent 20 - Exhaust Air Unit

Allows for neat and easy installation in buildings with mechanical exhaust air ventilation. The used air is vented out and new, fresh air is supplied to the building by the building's own air supply diffuser. Designed for placement above. Can also be placed free-standing if required. Suitable for: CTC GSi and CTC GS

CTC no.: 588000001

RSK: 6212368

### CTC Expansion EnergyFlex

External control of pool, tank charging, etc.

Suitable for: CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 587202301

RSK: 6240970



### CTC EcoMiniEI

CTC EcoMiniEI, an external electric boiler of max. 9 kW for additional heating in heat pump installations. The boiler has three output stages: 3, 6 and 9 kW. CTC EcoMiniEI is activated and only operates when the control has the status "Additional Heating". Suitable for: CTC EcoPart Pro.

CTC no.: 581759001

RSK: 6240767

### CTC Flow Heater

INCOLOY – for problem areas with excessive chlorine content.

Suitable for: CTC GSi and CTC GS

CTC no.: 588360302

RSK: 6212381



### Decalcifier Aqua

For installation in piping systems for areas with calcareous water. Max. 2" pipe (uncut) required.

CTC no.: 578685401

RSK: 6246325



# CTC Accessory

Heat pump for ground source, lake or geothermal heating



## CTC Basic Control

Digital thermostatic control for CTC EcoPart 400 series.

Used for tanks or when replacing an older heat pump in an existing system.

CTC no.: 587893301

RSK: 6212361

## CTC Internet

With CTC Internet and the CTC Connect+ 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. CTC Connect+ can be downloaded for free from the App Store or Google Play.

Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 587581301

RSK: 6247769



## CTC SMS 300

GSM modem that easily connects to the heat pump control and gives you full control of your heating system via SMS.

Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 585518301

RSK: 6246511

## CTC BMS/internet

Used for controlling CTC's heat pumps via external web-based building control with Modbus. BMS (Building Management System).

Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 585513301

RSK: 6246515



## CTC Wireless Room Sensor

Place it anywhere in your house – no need to run cables. Set the temperature that you want the heat pump to work towards. You can connect two room sensors to each product.

Suitable for: CTC EcoHeat and CTC EcoPart Pro.

CTC no.: 585520301

RSK: 5386266

## Extra wireless room unit:

CTC no.: 585521401

RSK: 5386280





# CTC Accessory

Heat pump for ground source, lake or geothermal heating

## CTC Basic Display 1 m

CTC Basic Display is a servicing tool for CTC EcoAir 400 series. Used for e.g. naming a heat pump. Includes 1 meter cable.

CTC no.: 586043401

RSK: 6246514



## CTC Basic Display 2.5 m

CTC Basic Display is a servicing tool for CTC EcoAir 400 series. Used for e.g. naming a heat pump. Includes 2.5 meter cable.

CTC no.: 586043402

RSK: 6212356



## CTC Comfort Button DHW

Activates the additional hot water function. Can be fitted where preferred. Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 582515301

RSK: 5386254

## CTC Current Sensors, 3-pack

For monitoring the building's main fuses.

Suitable for: CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 572271001

RSK: 6240899



## CTC Converter 2.0

CTC Converter 2.0 allows CTC EcoPart in series 400 to be operated with a series V3 control unit.

CTC no.: 585821303

RSK: 6212366

## Communication Cable, Modbus 10 m

10 metre shielded LIYCY cable for communication via Modbus. For when the control unit and heat pump are far apart (5 m cable included with the product).

Suitable for: CTC EcoPart 406-417 and CTC EcoPart Basic.

CTC no.: 586041401

RSK: 6246820



# CTC Accessory

Heat pump for ground source, lake or geothermal heating

## CTC SmartControl

A series of smart wireless sensors which detect temperature, humidity and carbon dioxide. The foundation of the system is CTC SmartControl Gateway. The series includes a wireless room sensor powered by solar cells, a humidity and CO<sub>2</sub> 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.



### CTC SmartControl Gateway

Base unit able to control up to seven optional smart accessories. Suitable for: CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 588300301  
RSK: 6212374

## CTC SmartControl Repeater

Signal amplifier that amplifies signals between the various accessories whenever necessary. Suitable for: CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 588300302  
RSK: 6212375



### CTC SmartControl Room/Humidity/CO<sub>2</sub> sensor

Sensor that controls ventilation whenever necessary, ensures optimal ventilation for consistently good air quality, and ensures that both ventilation and energy consumption are maintained at optimal levels. Suitable for: CTC GSi and CTC GS

CTC no.: 588300303  
RSK: 6212376

## CTC SmartControl Room/Humidity Sensor

Solar-powered wireless room/humidity sensor with rechargeable battery.

CTC SmartControl Room/Humidity Sensor suitable for CTC GSi and CTC GS.

CTC no.: 588305301  
RSK: 6212377



### CTC SmartControl Room Sensor

Solar-powered wireless room sensor with rechargeable battery. CTC SmartControl Room Sensor suitable for CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 588306301  
RSK: 6212378

## CTC SmartControl Multi-button

Wireless 2-mode button that can control several different functions, such as additional hot water. Suitable for: CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 588307301  
RSK: 6212379



# CTC Accessory

Heat pump for ground source, lake or geothermal heating

## CTC Solar Pump Station

A compact solar pump station for connecting solar heating.  
Suitable for: CTC EcoPart Pro.

CTC no.: 587700001  
RSK: 6212345



## CTC EcoSol Starter Kit

Starter kit for the interconnection of CTC Solar Control with an existing solar-powered system.  
Suitable for: CTC EcoHeat, CTC GSi, CTC GS and CTC EcoPart Pro.

CTC no.: 587458301  
RSK: 6212433

## CTC EcoSol GS - with borehole recharging

Solar control for installation in systems with ground source heating and borehole recharging. Suitable for: CTC GS and CTC GSi

CTC no.: 587457301  
RSK: 6212432

(Without borehole recharging CTC no.: 587455301 - RSK: 6212430)



## CTC EcoSol EH400 - with borehole recharging

Solar control for installation in systems with ground source heating and borehole recharging. Suitable for: CTC EcoHeat

CTC no.: 587271301  
RSK: 6240969

(Without borehole recharging CTC no.: 587270301 - RSK: 6240968)

## Brine 10 l

Premixed brine for solar heating installations.

CTC no.: 582545001  
RSK: 6201868



# Air-to-water heat pumps

With an air-to-water heat pump from CTC, you save up to 80% on your heating costs. The energy utilised is free and eco-friendly, and contributes to a reduction of CO<sub>2</sub> emissions.

CTC has two types of air-to-water heat pump. Variable-speed heat pumps and those with a start-and-stop function.

All CTC heat pumps and boilers are designed, developed and manufactured in our factory in Ljungby. This gives us total control of all stages of the production process – from manufacture up to delivery of the finished product.

## **CTC EcoAir 600M**

CTC EcoAir 600M is a series of variable-speed heat pumps with an output of 2.5-22 kW which automatically adapt to the building's output requirements during the year. Models: 610M, 614M, 622M.

## **CTC EcoAir 400**

CTC EcoAir 400, a series of air-to-water heat pumps with outputs of 6-17 kW. The CTC EcoHeat 400 series consists of conventional heat pumps which heat the building and hot water by means of a compressor with stop-and-start function. A conventional on/off heat pump is slightly cheaper than a variable-speed heat pump but, as a consequence, results in lower savings. Models: 406-420.



# CTC Accessory

Heat pump for air-to-water heating



## CTC Installation Kit EcoAir

Used for frost-protected outdoor installations.

The CTC Installation Kit EcoAir includes flexible hoses with insulation and connectors.

CTC no.: 586534402

RSK: 6212362

## CTC Heating Cable Kit

Frost protection kit for condensation pipe incl. 5 m cable.

The CTC Heating Cable kit can be used with CTC's air-to-water heat pumps.

CTC no.: 586685401

RSK: 6247706



## CTC Charge Pump 25/70-130 6-8 kW

7.0 m A-class PWM for 6-8 kW heat pumps. With signal and connection cables and a terminal block for connection in CTC EcoAir 406-408.

CTC no.: 587477303

RSK: 6212428



## CTC Charge Pump 25/75-130 10-12kW

7.5 m A-class PWM for 10-12 kW heat pumps. With signal and connection cables and a terminal block for connection in CTC EcoAir 410-420, 510M and 610M.

CTC no.: 587477302

RSK: 6212427



## CTC Charge Pump 25/85-130 14-22 kW

8.5 m A-class PWM for 14-20 kW heat pumps. With signal and connection cables and terminal block for connection in CTC EcoAir 410-420, 520M, 614M and 622M.

CTC no.: 587477301

RSK: 6212426



# CTC Accessory

Heat pump for air-to-water heating



## CTC Rain Cover EcoAir, Ø500

Dark-grey rain cover for CTC EcoAir 610M-614M and dark-grey CTC EcoAir 406-408 (fan Ø 500 mm) for preventing icing in exposed areas.

CTC no.: 586997311

RSK: 6212451

## CTC Rain Cover EcoAir, Ø630

Dark-grey rain cover for CTC EcoAir 622M and dark-grey CTC EcoAir 410-420 (fan Ø 630 mm) for preventing icing in exposed areas.

CTC no.: 586997312

RSK: 6212452



## CTC Flow Meter G25

CTC Flow Meter G25 for adjusting the heating system. An suitable for measuring and adjusting the water flow. Suitable for: CTC air-to-water heat pumps

CTC no.: 586683401

RSK: 6247709

## Insulated clamp for flow meter

Moulded insulation designed for CTC Flow Meter

CTC no.: 586683411

RSK: 6247710



## CTC Converter 2.0

CTC Converter 2.0 allows CTC EcoAir in series 400 to be operated with a series V3 control unit.

CTC no.: 585821303

RSK: 6212366



## CTC Basic Display 1 m

CTC Basic Display is a servicing tool for CTC EcoAir 400 series. Used for e.g. naming a heat pump. Includes 1 meter cable.

CTC no.: 586043401

RSK: 6246514

## CTC Basic Display 2.5 m

CTC Basic Display is a servicing tool for CTC EcoAir 400 series. Used for e.g. naming a heat pump. Includes 2.5 meter cable.

CTC no.: 586043402

RSK: 6212356



# CTC Accessory

Heat pump for air-to-water heating

## CTC Rain Cover EcoAir, Ø500

Light-grey rain cover for CTC EcoAir 406-408 and 510M (fan Ø 500 mm) for preventing icing in exposed areas.

CTC no.: 586997301

RSK: 6153139

## CTC Rain Cover EcoAir, Ø630

Light-grey rain cover for CTC EcoAir 410-420 and 520M (fan Ø 630 mm) for preventing icing in exposed areas.

CTC no.: 586997302

RSK: 6153140



## CTC Basic Control

Digital thermostatic control for CTC EcoAir 400 series. Used for tanks or when replacing an older heat pump in an existing system.

CTC no.: 587893301

RSK: 6212361

## CTC Cabinet EAØ500 dark gray

Accessories for color change from light gray to dark gray. Complete kit with side plates, roof, front and fan cover.

Suitable for: CTC EcoAir 406/408/510M

CTC no.: 588822301

RSK: 6212767



## CTC Cabinet EAØ630 dark gray

Accessories for color change from light gray to dark gray. Complete kit with side plates, roof, front and fan cover.

Suitable for: CTC EcoAir 410/415/420/520M.

CTC no.: 588823301

RSK: 6212768





# Heat Pump Control/Indoor Module

## Heat Pump Control

### **CTC EcoLogic Pro/Family**

Automatic, reliable and low-maintenance control systems for CTC's heat pumps together with an existing boiler, hot water storage tank or directly with the heating system.

### **CTC Connect+**

A mobile app that allows you to easily monitor and adjust the settings of your heat pump and heating circuit.

### **CTC Basic Control**

Digital thermostatic control for CTC EcoAir/CTC EcoPart 400 series. Used for tanks or when replacing an older heat pump in an existing system.



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. Access to the control system is by means of a user-friendly touchscreen, just like the one on your smartphone. The touchscreen is in colour and has clear symbols.

### **CTC EcoZenith i550 Pro**

All-in-one tank with built-in, intelligent control.

### **CTC EcoZenith i250**

Flexible indoor module available in two heights with numerous options and built-in heat pump control.

### **CTC EcoZenith i350**

Ultra-efficient indoor module available in two heights with numerous options and built-in heat pump control.

### **CTC EcoVent i350F**

Ultra-efficient indoor module with integrated exhaust air ventilation.





# CTC Accessory

Heat pump control/Indoor module

## CTC Internet

With CTC Internet and the CTC Connect+ 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. CTC Connect+ can be downloaded for free from the App Store or Google Play. Suitable for: CTC EcoLogic Pro/Family, CTC EcoVent i350F and CTC EcoZenith.

CTC no.: 587581301  
RSK: 6247769



## CTC SMS 300

GSM modem that easily plugs into the heat pump control. Full control of your heating system via SMS.

Suitable for: CTC EcoLogic Pro/Family, CTC EcoVent i350F and CTC EcoZenith.

CTC no.: 585518301  
RSK: 6246511

## CTC Wireless Room Sensor

Place it anywhere in your house – no need to run cables. Set the temperature that you want the heat pump to work towards. You can connect two room sensors to each product. Suitable for: CTC EcoLogic Pro/Family, CTC EcoZenith i250, and CTC EcoZenith i550 Pro.

CTC no.: 585520301  
RSK: 5386266

### Extra wireless room unit:

CTC no.: 585521401  
RSK: 5386280



## CTC BMS/internet

Used for controlling CTC's heat pumps via external web-based building control with Modbus. BMS (Building Management System).

Suitable for: CTC EcoLogic Pro/Family, CTC EcoVent i350F and CTC EcoZenith.

CTC no.: 585513301  
RSK: 6246515

## CTC Comfort Button DHW

Activates the additional hot water function. Can be fitted where preferred. Suitable for: CTC EcoLogic Pro/Family, CTC EcoVent i350F and CTC EcoZenith.

CTC no.: 582515301  
RSK: 5386254



# CTC Accessory

Heat pump control/Indoor module



## CTC Installation Kit EcoZenith i250

Everything you need to install your CTC EcoZenith i250

CTC no.: 586772412

RSK: 6251108

## CTC EnergyFlex Kit 400

CTC EnergyFlex Kit 400 for flexible top connection of external systems.  
Suitable for: CTC EcoZenith i250.

CTC no.: 587236301

RSK: 6247770



## CTC Mixing Valve Group EnergyFlex

For installing additional heat sources (28 mm connection)  
Suitable for: CTC EcoVent i350 and CTC EcoZenith i350.

CTC no.: 587813301

RSK: 6212326

## CTC Charge Pump 15/75-130 10-20kW

7.5 m A-class PWM for 10-20 kW heat pumps. With instructions, signal and connection cables and a terminal block for connection in CTC EcoAir.  
Replaces, if necessary, an existing charge pump in CTC EcoZenith i250 when interconnecting with a larger heat pump model.

CTC no.: 587477304

RSK: 6212429



## CTC Mixing Valve Group 2

Used for installing an additional heating circuit Suitable for:  
CTC EcoLogic Pro/Family, CTC EcoVent i350 and CTC EcoZenith.

CTC no.: 586857001

RSK: 6247712

## CTC Extra Mixing Valve Group

Package for neat and easy installation of additional heating circuits.  
Complete and ready-to-use with connected controls – so 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. Suitable for:  
CTC EcoLogic Pro/Family, CTC EcoVent i350 and CTC EcoZenith.

CTC no.: 587396301

RSK: 6240967



# CTC Accessory

Heat pump control/Indoor module



## 3-Way Valve Pack

For connecting one or more heat pumps to CTC EcoZenith i550 Pro.

CTC no.: 584071301

RSK: 6250662

## External Tank Charging Assembly

When installing one or more tanks to CTC EcoZenith i550 Pro, a charging assembly is needed to achieve optimal functionality.

CTC no.: 584078301

RSK: 6250664



## CTC Bivalent Mixing Valve

Bivalent mixing valve for CTC EcoZenith i550 Pro.

CTC no.: 584072301

RSK: 6250663

## CTC Expansion EnergyFlex

External control of solar/pool/tank charging, etc.  
Suitable for: CTC EcoVent i350F, CTC EcoZenith i250 and CTC EcoZenith i350.

CTC no.: 587202301

RSK: 6240970



## CTC EcoMiniEI

CTC EcoMiniEI, an external electric boiler for additional heating in heat pump installations controlled by the CTC EcoLogic control module at max. 9 kW. The boiler has three output stages: 3, 6 and 9 kW. CTC EcoMiniEI is activated and only operates during the status "Additional Heating". Suitable for: CTC EcoLogic Pro/Family

CTC no.: 581759001

RSK: 6240767

## CTC Mixing Valve Pack Pro

Mixing valve and motor valve for installation in mixed systems, connection 22 mm. Suitable for: CTC EcoLogic Pro/Family control module.

CTC no.: 585903301

RSK: 6246774



# CTC Accessory

Heat pump control/Indoor module



## Adapt your product to your ceiling height

Hide pipe connections, etc. with a stylish housing cover, or set the product on a base in the same design. Top cabinets are available in three heights, and all are combinable to fit most ceiling heights. Suitable for: CTC EcoZenith i250 and EcoZenith i350.

### CTC Housing Cover 488 mm

CTC no.: 586463302R

RSK: 6153136

### CTC Housing Cover 588 mm

CTC no.: 586463303R

RSK: 6153137

## CTC Volume Tank VT80

Free-standing, 80-litre volume tank for greater water volume. Four connections 3/4" external thread. Drainage 1/2" internal thread.

CTC no.: 587190301

RSK: 6240971



## CTC CFA – Exhaust Air Unit

Allows for tidy and easy installation in buildings with mechanical exhaust air ventilation. The used air is vented out and new, fresh air is supplied to the building by the building's own air supply diffuser. Suitable for: CTC EcoZenith i250 and CTC EcoZenith i550 Pro.

CTC no.: 586715001

RSK: 6240934

## CTC EcoVáf III – Exhaust Air Unit with recovery

Designed to dock with CTC's geothermal/ground source heat pumps in buildings with mechanical exhaust air ventilation. Recovers heat from the exhaust air and raises the temperature of the brine, which produces a higher COP. Suitable for: CTC EcoZenith.

CTC no.: 586713001

RSK: 6240933

## CTC EcoVent 20

Exhaust air unit – Allows for neat and easy installation in buildings with mechanical exhaust air ventilation. The used air is vented out and new, fresh air is supplied to the building by the building's own air supply diffuser. Suitable for: CTC EcoZenith i350.

CTC no.: 588000001

RSK: 6212368

## CTC EcoComfort

A passive cooling unit that uses the borehole's cool temperature. Suitable for: CTC EcoLogic Pro/Family, CTC EcoVent i350F and CTC EcoZenith in combination with ground source heating.

CTC no.: 585920001

RSK: 6240922



# CTC Accessory

Heat pump control/Indoor module



## CTC EcoSol Starter Kit

Starter kit for the interconnection of CTC Solar Control with an existing solar-powered system.

Suitable for: CTC EcoLogic Pro, CTC EcoVent i350F and EcoZenith.

CTC no.: 587458301

RSK: 6212433

## CTC Solar Pump Station

A compact solar pump station for connecting solar heating.

Suitable for: CTC EcoLogic Pro and CTC EcoZenith i550 Pro.

CTC no.: 587700001

RSK: 6212345



## CTC EcoSol EZ250/EA – without borehole recharging

Solar control for installation in systems with air-to-water or ground source heating without borehole recharging. Suitable for: CTC EcoZenith i250.

CTC no.: 587270301

RSK: 6240968

## CTC EcoSol EZ350/EA – without borehole recharging

Solar control for installation in solar-powered systems with air-to-water or ground source heating without borehole recharging.

Suitable for: CTC EcoZenith i350 and CTC EcoVent i350F.

CTC no.: 587455301

RSK: 6212430

## CTC EcoSol EZ250/EP – without borehole recharging.

Solar control for installation in systems with ground source heating and borehole recharging. Suitable for CTC EcoZenith i250.

CTC no.: 587271301

RSK: 6240969

## CTC EcoSol EZ350/EP – ground source heating without borehole recharging.

Solar control for installation in systems with ground source heating and borehole recharging. Suitable for: CTC EcoZenith i350 and CTC EcoVent i350.

CTC no.: 587456301

RSK: 6212431



## Brine 10 l

Premixed brine for solar heating installations.

CTC no.: 582545001

RSK: 6201868

## Decalcifier Aqua

For installation in piping systems for areas with calcareous water. Max. 2" pipe (uncut) required.

CTC no.: 578685401

RSK: 6246325



# CTC Accessory

Heat pump control/Indoor module

## CTC SmartControl

A series of smart wireless sensors which detect temperature, humidity and carbon dioxide.

The foundation of the system is CTC SmartControl Gateway. The series includes a wireless room sensor powered by solar cells, a humidity and CO<sub>2</sub> 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.



# CTC Accessory

Heat pump control/Indoor module



## CTC SmartControl Gateway

Base unit able to control up to seven optional smart accessories. Suitable for CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 588300301  
RSK: 6212374

## CTC SmartControl Repeater

Signal amplifier that amplifies signals between the various accessories whenever necessary. Suitable for CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 588300302  
RSK: 6212375



## CTC SmartControl Room/Humidity/CO<sub>2</sub> sensor

Sensor that controls ventilation whenever necessary, ensures optimal ventilation for consistently good air quality, and ensures that both ventilation and energy consumption are maintained at optimal levels. Suitable for: CTC GSi and CTC GS

CTC no.: 588300303  
RSK: 6212376



## CTC SmartControl Room/Humidity Sensor

Solar-powered wireless room/humidity sensor with rechargeable battery. Sensor suitable for CTC GSi and CTC GS.

CTC no.: 588305301  
RSK: 6212377



## CTC SmartControl Room Sensor

Solar-powered wireless room sensor with rechargeable battery. Sensor suitable for CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 588306301  
RSK: 6212378

## CTC SmartControl Multi-button

Wireless 2-mode button that can control several different functions, such as additional hot water. Multi-Button suitable for CTC EcoHeat, CTC GSi and CTC GS.

CTC no.: 588307301  
RSK: 6212379





# CTC Accessory

System solutions

## EnergyFlex – Gives you full freedom of choice

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. This means you have the freedom to connect easily to other heat sources, pools and tanks at any time, cost-effectively and within a single system.



Connect to and supplement your heating system with virtually anything in terms of heating



Solar Panels



Heating from CTC makes owning a pool simpler and cheaper.



Pellet boilers, e.g. CTC EcoFlex



Water-jacketed stove



Plenty of wood? Then CTC's modern CTC V40 wood boiler is the perfect choice.



Indoor module, e.g. CTC EcoZenith i550 Pro





## Filter Ball Valve

Ball valve with handle and dirt filter (0.6 mm) for heating/cooling systems. Internal thread. Replaceable stainless steel basket strainer.

## Filter Ball Valve 380-20

Rp20, 3/4", PN16, Kvs 7.6

CTC no.: 586703301

RSK: 6251094



## Filter Ball Valve 380-25

Rp25, 1", PN16, Kvs 14.6

CTC no.: 586703302

RSK: 6251095

## Filter Ball Valve 380-32

Rp32, 1 1/4", PN16, Kvs 20

CTC no.: 586703303

RSK: 6251096

## Filter Ball Valve 380-40

Rp40, 1 1/2", PN16, Kvs 32

CTC no.: 586703304

RSK: 6251097

## Filter Ball Valve 380-50

Rp40, 2", PN16, Kvs 62

CTC no.: 586703305

RSK: 6251098

## CTC Diverting Valve, 3-way

Spare part used as an accessory.

For interconnections in the system, e.g. pool (KLK 22 mm/3 m cable)

CTC no.: 583621401

RSK: 6246608



## CTC Radiator Pump 25/6-130

Spare part used as an accessory.

Additional circulation pump for the system/additional heating circuit.

CTC no.: 586361401

RSK: 6251238

# CTC Accessory

System solutions

## Mixing Valve Motor ARA671

Actuator ARA 671, 3-point. 6 Nm, 230V, 4 min operating time, without limit switch. Cable length 1.6m. For valve DN 15-50.

CTC no.: 583434401

RSK: 6250632



## Mixing Valve 3-way VRG 131

3-way valves with internal thread. PN10. Temperature range -10 to +130 °C. Suitable actuator ARA671

**DN15** - for 7-11 kW heat pumps

CTC no.: 583433402

RSK: 6251076

**DN20** - for 17-28 kW heat pumps

CTC no.: 583433401

RSK: 6250634

**DN25** - for 27-45 kW heat pumps

CTC no.: 583433403

RSK: 6251077

**DN32** - for 42-72 kW heat pumps

CTC no.: 583433404

RSK: 6251078

**DN40** - for 66-112 kW heat pumps

CTC no.: 583433405

RSK: 6251079

**DN50** - for 105-180 kW heat pumps

CTC no.: 583433406

RSK: 6251080

## Mixing Valve Motor ARA635

Actuator ARA 635, 2-point. 3 Nm, 230V, 15s operating time, for valve DN15-32, with relay. For valve DN 25-40.

CTC no.: 583525404

RSK: 6251075



## 3-way Valve VRG230 3-way

3-way valve with internal thread. Temperature range -10 to +130 °C. Suitable actuator ARA635

**Rp25 (DN25), PN10, Kvs 10** - for heat pumps up to 20 kW

CTC no.: 583525401

RSK: 6251072

**Rp32 (DN32), PN10, Kvs 16** - for heat pumps up to 40 kW

CTC no.: 583525402

RSK: 6251073

**Rp40 (DN40), PN10, Kvs25** - for heat pumps up to 60 kW

CTC no.: 583525403

RSK: 6251074



### Mixing Valve Motor ARA672

Actuator ARA 672, 3-point. 6 Nm, 230V, 4 min operating time, with micro switch. Cable length 1.6m. For valve DN 15-50.

CTC no.: 583434402

RSK: 6250633

### With Molex connector

CTC no.: 585034301

RSK: 6246891

### Bivalent 4-way Mixing Valve

4-way bivalent mixing valve with 22 mm compression ring coupling. DN20  
Suitable actuator ARA672

### VRB243 - for 17-18 kW heat pumps

CTC no.: 583435401

RSK: 6250631

### VRB143 - for 17-18 kW heat pumps

CTC no.: 583656401

RSK: 6251081



### Bivalent 4-way Mixing Valve VRB141

4-way bivalent mixing valve with internal thread. PN10.  
Suitable actuator ARA672

### DN25 - for 27-45 kW heat pumps

CTC no.: 584036401

RSK: 6251082

### DN40 - for 66-112 kW heat pumps

CTC no.: 584036402

RSK: 6251083

### DN50 - for 105-180 kW heat pumps

CTC no.: 584036403

RSK: 6251084

# Hot Water Storage Tanks & Hot Water Heaters

CTC's hot water storage tanks are designed for almost all types of energy sources. They are available in several models and sizes, and can also be combined to fit most heating systems and properties. All tanks are well-insulated with polyurethane/mineral wool for the lowest possible energy loss.

## CTC Hot Water Storage Tanks

Coil tanks and volume tanks of 300-750 litres.

## CTC Volume Tank VT80

Free-standing, 80-litre volume tank for greater water volume.



CTC offers efficient hot water heaters for various hot water needs. The most important factor of all when choosing a hot water heater is the material in the water tank. At CTC we've followed our own path to achieve the longest service life. We only use stainless, acid-resistant, titanium alloy molybdenum steel – probably the best material around.

## CTC FerroModul

Hot water heater for hefty hot water needs.

## CTC Economic

A series of ultra-efficient hot water heaters with Heat Injection technology.

## CTC EcoWater

A hot water heat pump that produces hot water from indoor air – up to 800 litres in 24 hours. Models: 301, 302, 303.



# CTC Accessory

## Hot water storage tank – water heater



### CTC Immersion Heater with K7E control box

Immersion heater with K7E control box and separate overheating protection. DN50/G2" 400/230V. Inactive part: 145 mm. Immersion length: 330 mm. Suitable for: CTC's 300 litre hot water storage tanks

### CTC Immersion Heater 3 kW K7E

CTC no.: 588810301  
RSK: 6455101

### CTC Immersion Heater 6 kW K7E

CTC no.: 588809301  
RSK: 6455102

### CTC Immersion Heater 9 kW K7E

CTC no.: 588808301  
RSK: 6455103

### CTC Immersion Heater 9 kW with control box

DN50/G2" 400/230V. Extension 50 mm. Inactive length: 150 mm. Immersion length: 510 mm. Suitable for: CTC's 750 litre hot water storage tanks

CTC no: 586897301  
RSK: 6950509

### CTC Immersion Heater 6 kW with control box

DN50/G2" 400/230V. Immersion length: 370 mm. Suitable for: CTC's 500 litre hot water storage tanks

CTC no: 569871001  
RSK: 6950504

### CTC Immersion Heater 3 kW with control box

DN50/G2" 400/230V. Immersion length: 370 mm. Suitable for: CTC's 500 litre hot water storage tanks

CTC no: 569872001  
RSK: 6950503



### CTC Thermowell 160 with bushing 3/4"

Thermowell for connecting transducers in CTC's 500-750 litre hot water storage tanks.

CTC no.: 588330301  
RSK: 6455094

### CTC Drainage Valve, 3/4"

Drainage valve 1/2" with bushing 3/4" Suitable for: CTC's 500-750 litre hot water storage tanks.

CTC no.: 588343301  
RSK: 6455087



### CTC Thermometer 0-120 °C

Thermometer 0-120 °C with thermowell and bushing 3/4". Suitable for: CTC's 500-750 litre hot water storage tanks.

CTC no.: 588328301  
RSK: 6455086



# CTC Accessory

Hot water storage tank – water heater



## CTC Installation Kit EN120

Accessory kit for concealed top connection on CTC Economic 120.

CTC no.: 587139301

RSK: 6922789



## CTC Installation Kit EN200

Accessory kit for concealed top connection on CTC Economic 200.

CTC no.: 587138301

RSK: 6922790



## CTC Installation Kit EN300

Accessory kit for concealed top connection on CTC Economic 300.

CTC no.: 587137301

RSK: 6922791



# CTC Accessory

## Hot water storage tank – water heater



### Mounting accessory 8021509

Used to control tank system charging. For mounting in/on the tank as per installation instructions. The charging thermostat turns the charge pump on and off. System D.

Suitable for: CTC FerroModul.

CTC no.: 585900010

RSK: 6250977

### Mounting accessory 8021417

Installation kit for corner mounting of multiple tanks.  
Suitable for: CTC FerroModul.

CTC no.: 585900012

RSK: 6250979



### Mounting accessory 8021419

Installation kit used when interconnecting two separate rows of tanks.  
Suitable for: CTC FerroModul.

CTC no.: 585900013

RSK: 6250980



### Mounting Accessories 8021506

Used when the interconnected tank system is to be connected to the hot/cold water system.

Suitable for: CTC FerroModul.

CTC no.: 585900011

RSK: 6250978



### Decalcifier Aqua

For installation in piping systems for areas with calcareous water. Max. 2" pipe (uncut) required. Suitable for: CTC Hot Water Storage Tanks, CTC Economic, CTC EcoWater and CTC FerroModul.

CTC no.: 578685401

RSK: 6246325



# Wood Boilers

Wood burning does not contribute to the greenhouse effect, since growing trees trap the same amount of carbon dioxide as that released when the wood is burned. Wood boilers are perfect for those living outside cities who have access to wood. It's true what they say, wood warms you twice.

## **CTC Parca 300**

A proven wood boiler designed for permanent installation, fitted with fixed water-cooled grates and vibrating grates.

## **CTC V35**

CTC V35 is our truly classic wood boiler with ceramic hearth. Compact, low-maintenance wood boiler for half-metre logs.

## **CTC V22-V40 Lambda**

Probably the world's best wood boilers with efficiency of up to 92%.



## **CTC Charge System 21-60**

Charging equipment to get more energy out of your wood boiler. It increases the efficiency level, increases storage capacity, reduces smoke and tar build-up, increases comfort, increases the boiler's service life, and minimises the amount of effort required.

CTC no.: 586095001  
RSK: 6861897



## **Decalcifier Aqua**

For installation in piping systems for areas with calcareous water. Max. 2" pipe (uncut) required.

CTC no.: 578685401  
RSK: 6246325







### Upward flue pipe with sweeping hatch

Extension straight/up with sweeping hatch Height 190 mm, internal diameter 165 mm/150 mm.

Suitable for: CTC V35-V40

CTC no.: 573490001

RSK: 6240825



### Flue pipe extension 990 mm

Round flue pipe extension Ø 140 mm

CTC no.: 573372001

RSK: 6152081



### Flue pipe extension 1 m

Rectangular flue pipe extension 170 x 110 mm, length 1 m.

CTC no.: 553624012

RSK: 6240679



### Flue pipe extension 150 mm

Flue pipe extension 150 mm for CTC Parca 300.

CTC no.: 701380201

RSK: 6153167

### Raised Base P312

A 50 mm raised base for CTC Parca 312.

CTC no.: 701396702

RSK: 6153134

### Raised Base Parca 314

A 50 mm raised base for CTC Parca 314.

CTC no.: 701396703

RSK: 6153142

### Raised Base Parca 318

A 50 mm raised base for CTC Parca 318.

CTC no.: 701396701

RSK: 6153159



### Insulated Side Panel P312

White-painted side panel for CTC Parca 312.

CTC no.: 701383422

RSK: 6153100

### Insulated Side Panel P314

White-painted side panel for CTC Parca 314

CTC no.: 701383432

RSK: 6153118

### Insulated Side Panel P318

White-painted side panel for CTC Parca 318.

CTC no.: 701383452

RSK: 6153126



# Pellet Boilers

The dimensions of CTC's Pellet Boiler make it very easy to install. The modest dimensions allow it to fit into boiler rooms that would normally be considered cramped. Most pipe connections are located on the top of the boiler. Electrical installation is via a terminal block located behind the control panel. Servicing of the boiler is easy to carry out since all connections and components are easily accessible from the front.

Boiler sweeping is via the hearth door and the cleaning hatch on the top. The ash is emptied from the spacious ash pan attached to the ash door. The ash pan holds 42 litres of ash and is emptied as needed.

## **CTC EcoFlex**

Complete pellet boiler with integrated burner and hot water heating. In CTC EcoFlex, the burner works in multiple output stages, depending on what is needed at the time. The flue temperature can be easily adjusted with the adjustment screw. This reliable boiler is ultra-efficient with a eco-friendly combustion. It is equipped with mixing valve, immersion heater, and hot water exchanger.

## **CTC EasyFlex**

Flexible pellet boiler for those who want to choose their own burner and control equipment. CTC EasyFlex is a pellet boiler designed to work with most modern burners.





### Pellet Drum 400 litres

400 litre pellet drum excl. pellet screw. Pellet Drum Suitable for: CTC EasyFlex and CTC EcoFlex.

CTC no.: 11969701

RSK: 6115327

### CTC Flex Screw 1.5 m incl. motor

1.5 m feeder tube with dosing screw for automatically transferring pellets from the drum to the burner.

CTC no.: 913151001

RSK: 6115332



### CTC Hose 1 m incl. clamps

Hose for flexible interconnection between the pellet screw and burner.

CTC no.: 913169001

RSK: 6115334

### Upward flue pipe with sweeping hatch

Extension straight/up with sweeping hatch Height 190 mm, internal diameter 165 mm/150 mm.

CTC no.: 573490001

RSK: 6240825



### Flue pipe extension 990 mm

Round flue pipe extension Ø 140 mm

CTC no.: 573372001

RSK: 6152081



### Flue pipe extension 1 m

Rectangular flue pipe extension 170 x 110 mm, length 1 m.

CTC no.: 553624012

RSK: 6240679



### Decalcifier Aqua

For installation in piping systems for areas with calcareous water. Max. 2" pipe (uncut) required.

CTC no.: 578685401

RSK: 6246325



With nearly 100 years of experience, we are actively working to achieve a sustainable and fossil-free society. All of our heat pumps are developed and manufactured in the Småland region of Sweden. We have roots going back to 1923, when we began to heat Swedish homes. We are best known for our green boilers, which have supplied heating to millions of households all over Europe. We were the first company to offer heating boilers with built-in DHW heating and we were the first to introduce air-to-water heat pumps.

It is therefore no exaggeration to say that we have developed the industry. In short - CTC is one of Europe's leading manufacturers of heating products. We are located in the Småland region of Sweden and, together with Bentone, Turboflame and Osby Parca, are a part of Enertech AB, which sells products throughout the entire world.

With us you can be assured of peace of mind, quality and warmth!

