CTC EcoZenith i360

Efficient indoor module with built-in heat pump control – available in two heights, 9-12 kW

A stylish, smart and economical series of indoor modules with many possibilities and built-in heat pump control.

CTC EcoZenith i360 has a fully integrated touch display with a very user-friendly interface through which you can easily access all functions – just like your smartphone. You can also mirror the display on your tablet, phone or computer. But most importantly, it has a multi-language interface and clear symbols that make it easy to adjust heating, hot water, etc. and retrieve a wealth of information about the operation.

The CTC EcoZenith i360 is an ultra-efficient indoor module with built-in heat pump control. Install it together with CTC EcoAir air/water heat pumps for the perfect combination. For those who would prefer ground source, lake or geothermal heating, CTC EcoPart is the ideal choice. The CTC EcoZenith i360 is equipped with the same ultra-efficient water heating technology as our ground source heat pumps. When combined with the CTC EcoAir or CTC EcoPart, it can produce over 300 litres of hot water.

The expansion tank, supply cable and primary flow sensor are all factory-fitted. In addition, the manometer and automatic bleeders come as standard. The CTC EcoZenith i360 is well-insulated and therefore has minimal energy losses.

Low ceiling height? No problem! Choose the indoor module that best fits your property – it is available in two heights: 1.67 and 1.91 m. The low model has pipe connections at the top, while the taller model connects at the bottom.

The integrated automatic mixing valve is climate-controlled and takes into account both the indoor and outdoor temperatures. The product is able to control two individual heating circuits as standard. With accessories you can easily add solar heating, set up your water-jacketed stove or boiler so that they too can contribute heat, or connect a pool. You can also cool down in summer if you supplement ground source heating with passive cooling, which uses the cool temperature of the bedrock for pleasant cool air.

CTC EcoZenith i360 has internet connectivity as standard, so you can easily control your heat pump remotely. To ensure compatibility with smart homes, the product is 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.

Benefits

- Stylish design

- Smart touch display with user-friendly interface

- Economical: save up to 85% with a ground source heat pump

- Internet connection as standard

- SmartGrid as standard, i.e. ready for future electricity grids

- Produces over 300 litres of hot water

- Available in 2 heights and 4 versions

- Built-in heat pump control

Find a CTC distributor in your home country
www.ctc-heating.com

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 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 CO_2 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.

CTC EcoVent 25 - 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.

CTC no.: 589701001

CTC EcoVåf 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.

CTC no.: 589701001

Adapt your product to your ceiling height
Conceal pipe connections, etc. with a stylish housing cover. Housing covers are available in three heights and all are combinable to fit most ceiling heights.

Housing Cover, low	146 mm CTC no.: 589440301
Housing Cover, medium	380 mm CTC no.: 589441301
Housing Cover, high	480 mm CTC no.: 589442301

CTC Extra Mixing Valve Group
Complete 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.
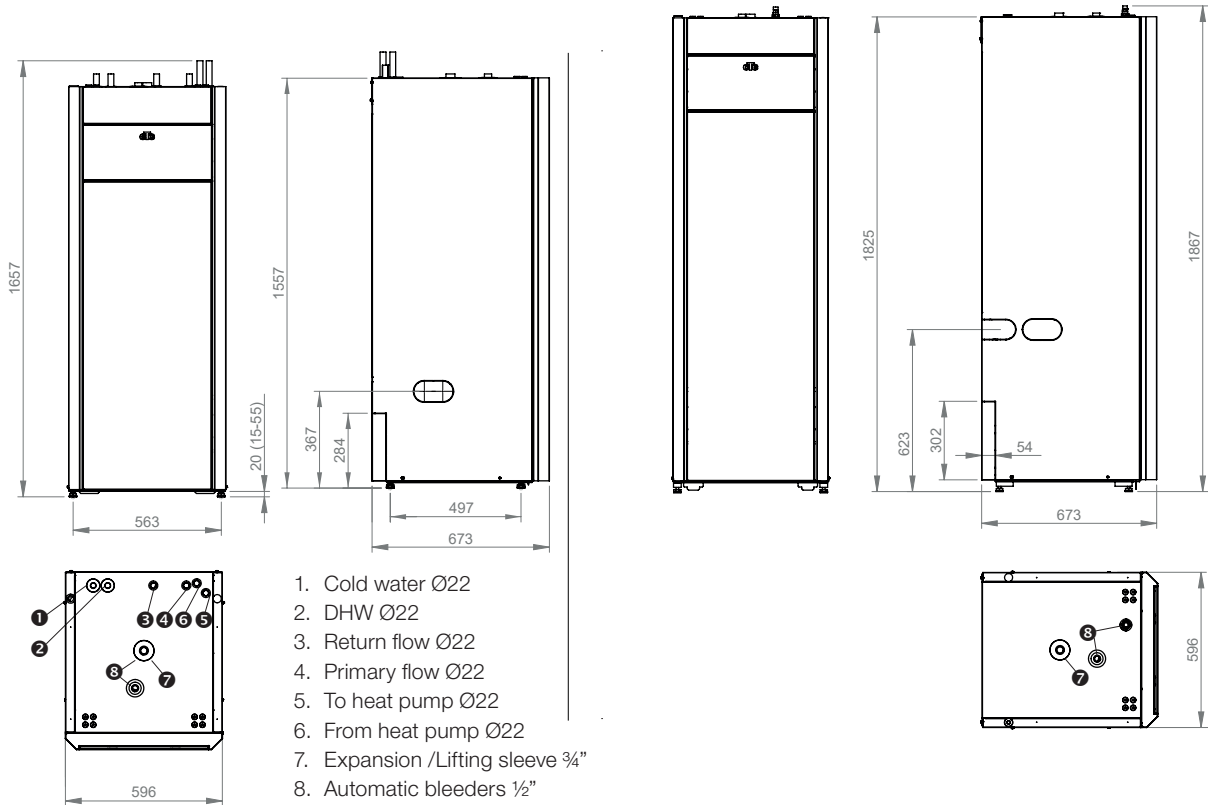
CTC no.: 587396301

Other accessories

		CTC no.:
CTC SMS Control	For remote control of heat pump via SMS	585518301
CTC Volume Tank VT80	Detached volume tank with 4 connections (3/4")	587190301
CTC Mixing Valve Group EnergyFlex	For installing additional heat sources (28 mm connection)	587813301
CTC Expansion EnergyFlex II	External control of solar/pool/DHW circulation, etc.	589262301
CTC Radiator Pump	Additional circulation pump for the system/additional heating circuit (25/6-130)	588892301
CTC Diverting Valve, 3-way	For interconnections in system, e.g. pool (22 mm connection)	583621401
CTC EcoComfort	A passive cooling unit that uses the borehole's cool temperature	585920001

Dimensions diagram

1. Cold water Ø22
2. DHW Ø22
3. Return flow Ø22
4. Primary flow Ø22
5. To heat pump Ø22
6. From heat pump Ø22
7. Expansion /Lifting sleeve ¾"
8. Automatic bleeders ½"

Delivery includes:
Heat pump with manual, factory-fitted charge pump, supply cable and expansion vessel.

Packaging includes:
Room sensor, outdoor sensor, automatic vent valve, filling valve, current sensor, heating circuit safety valve (2.5 bar), filter ball valve with magnet for the return heating circuit, pressure gauge, dirt filter for cold water, and drainage valve.

Compatible heat pumps:
Air/water:
CTC EcoAir 406-408, 510M-622M

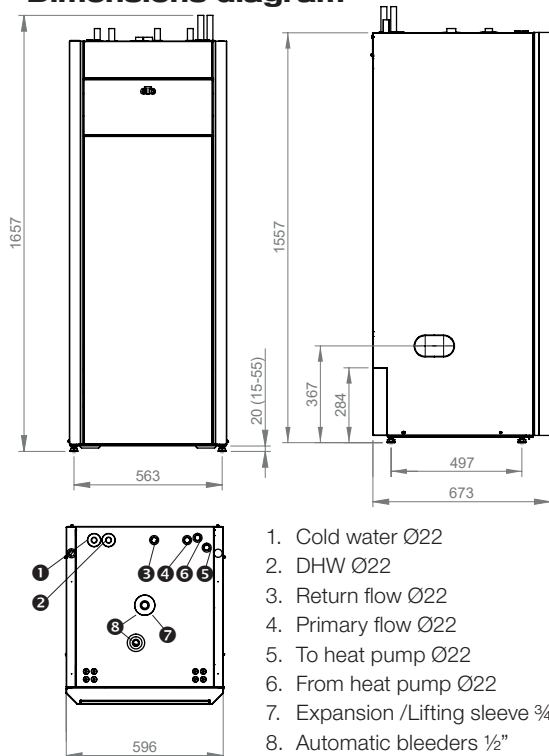**Liquid/water:**
CTC EcoPart 406-412, 612-616M

Technical data 3x400 V		i360 H	i360 L
CTC no.		589400001	589401001
Weight (packaged weight)	kg	143 (173)	155 (185)
Dimensions (depth x width x height)	mm	673 x 596 x 1657	673 x 596 x 1867
Required ceiling height	mm	1669	1928
Electrical data, connection		400V 3N~ 50Hz	
Rated current	A	19	
Rated power	kW	12.2	
Output range immersion heater	kW	0.5 - 11.9	
Max. immersion heater output @ Group fuse 16/20/25 A	kW	8.9 / 11.9 / 11.9	
Energy efficiency class in heating circuit @ 35/55 °C [1]	kW	A^{+++} / A^{+++}	
Ingress Protection (IP)		IP X1	
Water volume – Heating system (V)	litres	225	
Water volume – Water supply system (V)	litres	1.7	
Energy efficiency class – DHW/charge profile (EN16147) [1]		A / XL	
DHW performance V_{40} Volume 40 °C @ Economy/Normal/Comfort (EN 16147)	litres	210 / 235 / 304	
Max. operating pressure heating circuit (PS) / DHW	bar	3 / 10	
K_v value – product (1Bar Δp)		2.6	2.7

[1] CTC EcoZenith is only approved for installation together with heat pumps in accordance with the EU Ecodesign Directive.

The data provided is applicable together with CTC EcoPart 612M. Ecodesign data scale: A^{+++} to G

Energy labels and data sheets can be downloaded from www.ctc.se/ecodesign

Dimensions diagram

1. Cold water Ø22
2. DHW Ø22
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Delivery includes:

Heat pump with manual, factory-fitted charge pump, supply cable and expansion vessel.

Packaging includes:

Room sensor, outdoor sensor, automatic vent valve, filling valve, heating circuit safety valve (2.5 bar), filter ball valve with magnet for the return heating circuit, pressure gauge, dirt filter for cold water, and drainage valve.

Compatible heat pumps:

Air/water:
CTC EcoAir 406-408, 510M-622M
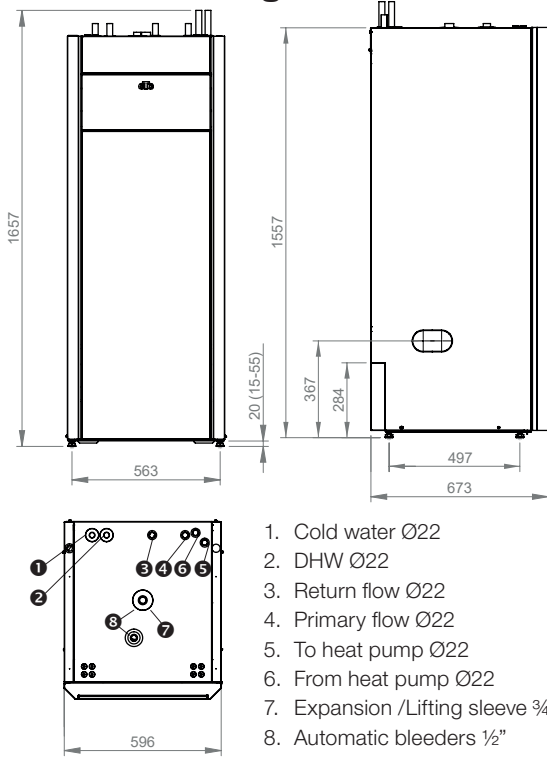
Liquid/water:
CTC EcoPart 406-412, 612-616M

Technical data 1x230 V		i360 L
CTC no.		589400002
Weight (packaged weight)	kg	143 (173)
Dimensions (depth x width x height)	mm	673 x 596 x 1657
Required ceiling height	mm	1669
Electrical data, connection		230V 1N~ 50Hz
Rated current	A	41
Rated power	kW	9.3
Output range immersion heater	kW	0.3 - 9
Max. immersion heater output @ Group fuse 16/20/25/32/50 A	kW	2.9 / 4.6 / 5.8 / 7.5/ 9
Energy efficiency class in heating circuit @ 35/55 °C [1]	kW	A^{+++} / A^{+++}
Enclosure class (IP)		IP X1
Water volume – heat medium system (V)	litres	225
Water volume – Water supply system (V)	litres	1.7
Energy efficiency class – DHW/charge profile (EN16147) [1]		A / XL
DHW performance V_{40} Volume 40 °C @ Economy/Normal/Comfort (EN 16147)	litres	210/ 235/ 304
Max. operating pressure heating circuit (PS) / DHW	bar	3 / 10
K_v value – product (1Bar Δp)		2.6

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CE SG Ready

CTC

Dimensions diagram

1. Cold water Ø22
2. DHW Ø22
3. Return flow Ø22
4. Primary flow Ø22
5. To heat pump Ø22
6. From heat pump Ø22
7. Expansion /Lifting sleeve ¾"
8. Automatic bleeders ½"

Delivery includes:
Heat pump with manual, factory-fitted charge pump, housing cover, supply cable and expansion vessel.

Packaging includes:
Room sensor, outdoor sensor, automatic vent valve, filling valve, current sensor, heating circuit safety valve (2.5 bar), filter ball valve with magnet for the return heating circuit, pressure gauge, dirt filter for cold water, and drainage valve.

Compatible heat pumps:

Air/water:
CTC EcoAir 510M-622M, 406-408

Liquid/water:
CTC EcoPart 406-412, 612-616M

Technical data 3x230 V		i360 L
CTC no.		589400003
Weight (packaged weight)	kg	143 (173)
Dimensions (depth x width x height)	mm	673 x 596 x 1657
Required ceiling height	mm	1669
Electrical data, connection		230V 3~ 50Hz
Rated current	A	41
Rated power	kW	10.3
Output range immersion heater	kW	2.5 - 10
Max. immersion heater output @ Group fuse 16/20/25/32/50 A	kW	5 / 7.5 / - / 10 /-
Energy efficiency class in heating circuit @ 35/55 °C [1]	kW	A^{+++} / A^{+++}
Enclosure class (IP)		IP X1
Water volume – heat medium system (V)	litres	225
Water volume – Water supply system (V)	litres	1.7
Energy efficiency class – DHW/charge profile (EN16147) [1]		A / XL
DHW performance V_{40} Volume 40 °C @ Economy/Normal/Comfort (EN 16147)	litres	210/ 235/ 304
Max. operating pressure heating circuit (PS) / DHW	bar	3 / 10
K_v value – product (1Bar Δp)		2.6

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The Company reserves the right to change, amend or modify the information contained herein (Not all models are available in all countries)

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