

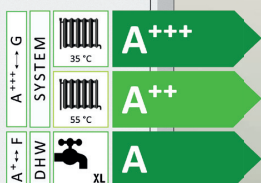
An eco-friendly and
secure investment!

ctc
HEAT PUMPS

CTC GS 600

Affordable heat pumps for ground source heating.

6-8 kW, models 606 and 608.



- A premium pump at a reasonable price
- Available in two sizes
- High efficiency and low noise level
- Smartgrid and ready for future challenges

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



MADE IN SWEDEN

A stylish, smart and economical series of affordable heat pumps that heats the house and provides hot water using a quiet scroll compressor with start and stop function (on/off type).

A premium pump at a reasonable price

CTC GS 600, like its big sister CTC GSi 600, has an attractive design, an integrated display and very high-quality finish! The design of your new heat pump will be a stylish part of your interior, wherever you choose to install it.

With the integrated touch screen, CTC GS 600 has a 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.

CTC GS 600 is one of Sweden's most affordable heat pumps that will provide comfortable heating at the lowest possible

cost for many years to come. CTC GS 600 is equipped with a quiet on/off scroll compressor, which makes the product lower priced, but with slightly less savings.

Available in two sizes (6 and 8 kW) and has a hot water capacity of 300 litres. In order to achieve the lowest energy consumption, they are equipped with A-rated low-energy circulation pumps and very effective insulation.

High efficiency and low noise level

CTC GS 600 is ultra-efficient with a very low noise level, since both the compressor and all cooling components are enclosed in a separate, soundproofed unit.

As the supply cable and primary flow sensor are factory-fitted, CTC GS 600 is easy to install. The supplied magnetite filter also ensures that your radiator system is kept clean and fresh.

Smartgrid and ready for future challenges

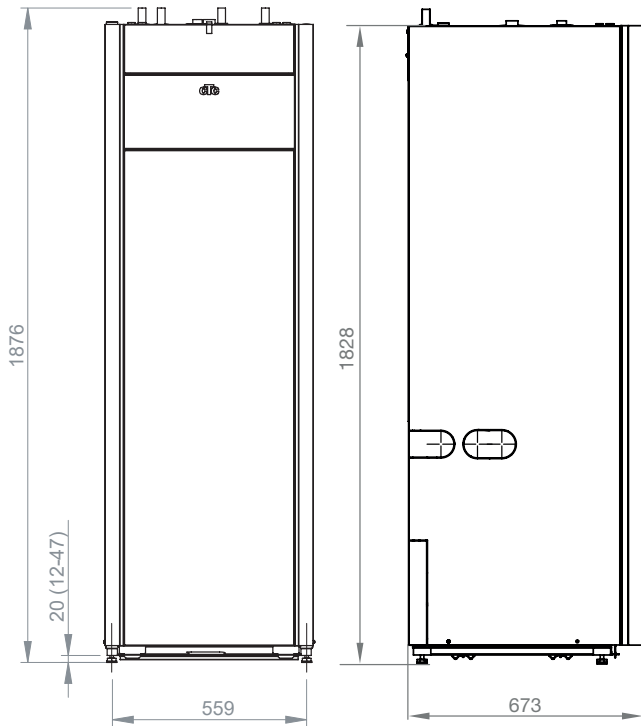
CTC GS 600 has internet connectivity as standard. You can control your product by using the myUplink app on your mobile phone. It is also equipped to connect to Alexa, Google Home and the future power grid (SmartGrid). Smartgrid and ready for future challenges

Technical data		GS 606 3x400 V	GS 608 3x400 V
CTC-nr		589310001	589310002
Weight (packaged weight)	kg	254 (283)	252 (281)
Dimensions (depth x width x height)	mm	673x596x1876	673x596x1882
Required ceiling height	mm	1940	
Specified output max: W35 & B0/5/10 (EN14511)	kW	6.04 / 6.8 / 7.54	8.29 / 9.52 / 10.9
Input power max: W35 & B0/5/10 (EN14511)	kW	1.34 / 1.33 / 1.41	1.74 / 1.76 / 1.83
Sound power L_{WA} B0/W35 (EN 12102)	dB(A)	41.0	39.3
Sound pressure L_{pA} 1m B0/W35 (EN ISO 11203)	dB(A)	36	34.3
Electrical Data, connection		400V 3N~ 50Hz	
Rated current (Recommended fuse)	A	17.1 (20)	18.6 (20)
Max. immersion heater output at group fuse: 10/13/16/20/25 A	kW	2.1 / 2.1 / 6.9 / 9.0 / 9.0	0.9 / 2.1 / 4.9 / 7.8 / 9.0
Max. immersion heater output at group fuse: 20/25/32/35/50/63 A	kW	-	-
Ingress protection class (IP)		IP X1	
Output range immersion heater (min-max)	kW	0.3 - 9	
Refrigerant quantity (R407C, GWP 1774)	kg	1.9	
CO ₂ equivalent	tonnes	3.371	
DHW-performance V_{40} Economy/Normal/Comfort (EN16147)	litres	210 / 239 / 304	210 / 241 / 304
SCOP cold climate: W35 (EN14825, Pdesignh)		4.80	5.04
SCOP average climate: W35 (EN14825, Pdesignh)		4.72	4.96
SCOP warm climate: W35 (EN14825, Pdesignh)		4.64	4.90
Package efficiency class: W35/W55 (A+++ - G)		A+++/A++	
Energy efficiency class: W35/W55 (A+++ - D)		A++/A++	
Energy efficiency class DHW (A ⁺ - F) / charge profile (EN16147)		A/XL	

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



Dimensions diagram



1. Cold water Ø22
2. DHW Ø22
3. Return Ø22
4. Primary flow Ø22
5. Expansion connection/
Lifting sleeve G 3/4"
6. Bleed valve connection G 1/2"

Delivery includes:

Heat pump and manual.

Packaging includes:

Outdoor sensor, brine level tank, magnetite filter for return heating circuit, pressure gauge, cold water dirt filter, automatic bleeder, safety valve for brine (3 bar) and heating system (2.5 bar).

GS 606 1x230 V	GS 608 1x230 V	GS 606 3x230 V	GS 608 3x230 V
589311001	589311002	589312001	589312002
256 (285)	254 (283)	256 (285)	254 (283)
673x596x1876	673x596x1882	673x596x1876	673x596x1882
1940		1940	
6.04 / 6.8 / 7.54	8.29 / 9.52 / 10.9	6.04 / 6.8 / 7.54	8.29 / 9.52 / 10.9
1.34 / 1.33 / 1.41	1.74 / 1.76 / 1.83	1.34 / 1.33 / 1.41	1.74 / 1.76 / 1.83
41.0	39.3	41.0	39.3
36	34.3	36	34.3
230V 1N~ 50Hz		230V 3~ 50Hz	
38 (50)	42.5 (50)	29.5 (32)	34 (35)
-	-	-	-
0.3 / 0.9 / 3.2 / 3.2 / 5.5 / 5.5	0.0 / 0.0 / 0.9 / 2.3 / 5.5 / 5.5	3.5 / 4.7 / 5.9 / 7.0 / 7.0 / 7.0	0.0 / 3.5 / 4.7 / 5.9 / 7.0 / 7.0
IP X1		IP X1	
0.3-5.5		1.2-7	
1.9		1.9	
3.371		3.371	
210 / 239 / 304	210 / 241 / 304	210 / 239 / 304	210 / 241 / 304
4.80	5.04	4.80	5.04
4.72	4.96	4.72	4.96
4.64	4.90	4.64	4.90
A+++/A++		A+++/A++	
A++/A++		A++/A++	
A/XL		A/XL	





EnergyFlex
Expand your heating system whenever you want.

Smart accessories

– supplement and simplify.

CTC Expansion Tank GSi/GS	Installations kit for CTC GS	587886301
CTC Expansion Energyflex II	External control of solar/pool/DHW circulation, etc.	589262301
CTC Installation Kit EVK GSi/GS	For installing an additional heat source	587368301
CTC Extra Shunt group	Complete package for neat and easy installation of additional heating circuits	587396301
CTC Mixing Valve Group 2	For installing an additional heating circuit	586857001
CTC EcoVent 25	Exhaust air unit - Adapted for placement above the heat pump	589701001
CTC EcoComfort	A passive cooling unit that uses the borehole's cool temperature.	585920001
CTC Safety pressure switch	Provides a warning in the event of low brine pressure	589597301
CTC Current Sensor, 3-pack	For monitoring the building's main fuses	572271001
CTC Through-flow heater 9 kW	INCOLOY - for areas where there are problems with high chloride levels	588360302
CTC Filler Manifold G25	Standard filler manifold	586720301T
CTC Filler Manifold G32	Larger filler manifold if needed	586720302T
CTC Housing cover high	480 mm. Hide pipe connections, etc. with a stylish housing cover	589442301
CTC Housing cover low	146 mm. Hide pipe connections, etc. with a stylish housing cover	589440301
CTC Housing cover medium	380 mm. Hide pipe connections, etc. with a stylish housing cover	589441301
CTC Raised base II	168 mm. For more space under the heat pump	589590301
CTC DHW button	Activates the extra hot water function, wire-bound	582515301
CTC SmartControl Gateway	Base unit able to control up to seven optional units	588300301
CTC SmartControl Repeater	Amplifies the signal between the base unit and the different accessories	588300302
CTC SmartControl Room/Humidity/CO ₂ sensor	Wired sensor that can control ventilation on demand (Base unit required)	588300303
CTC SmartControl Room/Humidity Sensor	Solar powered and wireless with rechargeable battery (base unit required)	588305301
CTC SmartControl Room Sensor	Solar powered and wireless with rechargeable battery (base unit required)	588306301
CTC SmartControl Multi-button	Wireless 2 mode button (Base unit required)	588307301
CTC Solar Pump Station	Compact solar pump station for solar heating	587700001
CTC Start-kit EcoSol	Start kit for connecting CTC solar control with existing solar system	587458301

17003573_2_2024-01-15 The Company reserves the right to change, amend or modify the information contained herein (Not all models are available in all countries)