



- Eco-friendly
- Produce both heat and cold
- Silent with "quiet operation" mode
- Available in two sizes
- Speed-controlled
- Easy to install



Technical data		708M 3x400V	712M 3x400V	708M 1x230V	712M 1x230V
CTC no.		590500001	590510001	590501001	590511001
Weight (packaged weight)	kg	164 (189)	164 (189)	160 (185)	160 (185)
Dimensions (depth x width x height)	mm	510x1248x1068		510x1248x1068	
Specified output max: W35 & A +12/+7/+2/-7/-15 (EN14511)	kW	8.71/6.96/5.66 /5.51/4.13	11.23/9.04/7.36 /7.11/6.24	8.71/6.96/5.66 /5.51/4.13	11.23/9.04/7.36 /7.11/6.24
Input power max: W35 & A +12/+7/+2/-7/-15 (EN14511)	kW	1.82/1.72/1.62 /1.75/1.62	2.60/2.63/2.54 /2.08/2.74	1.82/1.72/1.62 /1.75/1.62	2.60/2.63/2.54 /2.08/2.74
Sound power L _{WA} W35/A7 (EN 12102)	dB(A)	46	47	46	47
Sound pressure L _{PA} 5 m	dB(A)	27	28	27	28
Sound pressure L _{PA} 10 m	dB(A)	21	22	21	22
Electrical Data, connection		400V 3N~ 50Hz		230V 1N~ 50Hz	
Rated current† (max fuse)	A	4.7 (16)	8 (16)	16 (16)	16 (16)
Ingress protection class (IP)		IP X4		IP X4	
Airflow: nominal/max	m³/h	2787 / 3041	2787 / 3340	2787 / 3041	2787 / 3340
Refrigerant quantity (R290, GWP 0.02)	kg	0.8	0.8	0.8	0.8
CO ₂ - equivalent	tonnes	0.000016	0.000016	0.000016	0.000016
SCOP cold climate: W35/W55 (EN14825, Pdesignh)		4.25 / 3.43	4.24 / 3.38	4.25 / 3.43	4.24 / 3.38
SCOP average climate: W35/W55 (EN14825, Pdesignh)		5.04 / 3.83	5.00 / 3.86	5.04 / 3.83	5.00 / 3.86
SCOP warm climate: W35/W55 (EN14825, Pdesignh)		6.16 / 4.67	6.07 / 4.48	6.16 / 4.67	6.07 / 4.48
Package efficiency class: W35/W55 (A+++ to G) *		A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Energy efficiency class: W35/W55 (A+++ to D)		A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Cooling capacity max: A27 & W18 / W7 (EN14511)		8.44 / 6.30	8.44 / 6.30	8.44 / 6.30	8.44 / 6.30
EER max: A27 & W18 / W7 (EN14511)		3.75 / 3.05	3.75 / 3.05	3.75 / 3.05	3.75 / 3.05
Cooling capacity max: A35 & W18 / W7 (EN14511)		7.53 / 5.65	7.53 / 5.65	7.53 / 5.65	7.53 / 5.65
EER max: A35 & W18 / W7 (EN14511)		2.93 / 2.42	2.93 / 2.42	2.93 / 2.42	2.93 / 2.42

* The reported data applies to use with the CTC EcoZenith 1360 control unit.
Energy labels and data sheets can be downloaded from www.ctc-heating.com/Ecodesign.



CTC EcoAir 700M



www.ctc-heating.com
info@ctc.se
 +46 372 88 000
 P.O Box 309 SE-341 26 Ljungby Sweden



17003563_6_2024-06-05 CTC reserves the right to make changes



MADE IN SWEDEN

CTC EcoAir 700M

The natural air-to-water heat pump - heating and cooling all in one!

» Experience the perfect indoor climate regardless of outdoor temperature.

Variable-speed air-to-water heat pumps with the natural refrigerant R290. We combine Swedish design and engineering in a fantastic new range of heat pumps. For the perfect indoor climate they produce both cooling and heating.

Speed controlled

CTC EcoAir 700M is a series of variable-speed air-to-water heat pumps that automatically adapt to the building's power requirements during the year.

Design

In developing the new heat pumps, our design team, in collaboration with our engineers, has focused on both the internal and external aspects. The product has an attractive, minimalist and stylish design that will suit almost any environment. The new cover and sleek lines showcase the history of Swedish design with its eye for stunning detail.

Eco-friendly

With 100 years of experience, we are actively working to achieve a sustainable and fossil-free society. Coupled with environmental practices, innovation and the very latest technology, we're moving into the future. We use R290 as the refrigerant in our heat pumps, which is one of the most natural refrigerants in existence. With a GWP (Global Warming Potential) of just 3, R290's contribution to the greenhouse effect is very low.

When you choose one of our heat pumps powered by R290, you are making a conscious choice for a better future. You can enjoy a comfortable indoor environment while knowing that you are doing your part to protect our planet. Welcome to a greener and more energy efficient world.

Cooling/heating

The new heat pumps can both cool and heat to create the perfect indoor climate. During the colder months, CTC EcoAir 700M supplies both heat and hot water. In the hotter periods of the year, the advanced cooling function ensures a wonderfully comfortable indoor climate. The heat pump switches from generating heat to cooling through the underfloor heating system or a separate fan convector system. The CTC EcoAir 700M is available in two sizes: 708M and 712M.

Highly efficient

With high performance and an energy efficiency class of A+++ , the outdoor unit reduces the energy consumption of the property. The new heat pumps are compatible with all our tanks, indoor modules and control systems.

Built-in internet connectivity

CTC's control units have 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.

EnergyFlex

With the help of accessories, you can easily supplement with solar heating, let a water-jacketed stove or your existing boiler contribute heat or connect a pool so you can enjoy the heat during the summer.

Control remotely

With the myUplink app, you can monitor and control your system directly in your mobile phone. You can, for example, adjust the temperature or receive an alarm in the event of a stoppage. The app can be downloaded free of charge from the App Store or Google Play.

