

Summary of	CTC GS 608	Reg. No.	012-C700090
Certificate Holder			-
Name	Enertech CTC AB		
Address	Box 309, Näsvägen	Zip	SE-381 26
City	Ljungby	Country	Sweden
Certification Body	RISE CERT	·	
Subtype title	CTC GS 608		
Heat Pump Type	Brine/Water		
Refrigerant	R407c		
Mass Of Refrigerant	1.9 kg		
Certification Date	30.11.2020		
Testing basis	HP Keymark Scheme 2017		



# **Model: CTC GS 608**

General Data		
Power supply	3x400V 50Hz	
Off-peak product	No	

# Heating

EN 14511-2		
	Medium temperature	
Heat output	7.48 kW	
El input	2.38 kW	
СОР	3.14	
Indoor water flow rate	0.83 m³/h	

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

## **Average Climate**



EN 12102-1	
	Medium temperature
Sound power level indoor	39 dB(A)

EN 14825	
	Medium temperature
$\eta_s$	147 %
Prated	8.63 kW
SCOP	3.88
Tbiv	-6 °C
TOL	-10 °C
Pdh Tj = -7°C	7.60 kW
COP Tj = -7°C	3.35
Pdh Tj = +2°C	7.80 kW
$COP Tj = +2^{\circ}C$	3.94
Pdh Tj = +7°C	8.00 kW
$COP Tj = +7^{\circ}C$	4.33
Pdh Tj = 12°C	8.20 kW
COP Tj = 12°C	4.78
Pdh Tj = Tbiv	7.60 kW
COP Tj = Tbiv	3.47

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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.48 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.14
Cdh	0.99
WTOL	65 °C
Poff	18 W
РТО	4 W
PSB	18 W
PCK	o w
Supplementary Heater: Type of energy input	electricity
Supplementary Heater: PSUP	1.20 kW
Annual energy consumption Qhe	4594 kWh

EN 12102-1	
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EN 14825		
	Medium temperature	
n <sub>s</sub>	151 %	
Prated	8.48 kW	





This information was generated by the fir r	CETTIN WWW. database on 25 Dec 2020
SCOP	3.96
Tbiv	-18 °C
TOL	-22 °C
Pdh Tj = -7°C	7.70 kW
COP Tj = -7°C	3.78
Pdh Tj = +2°C	8.00 kW
COP Tj = +2°C	4.28
Pdh Tj = +7°C	8.10 kW
COP Tj = +7°C	4.64
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Supplementary Heater: Type of energy input	electricity
Supplementary Heater: PSUP	1.00 kW
Annual energy consumption Qhe	5275 kWh

# Domestic Hot Water (DHW)

# Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
Heating up time	3:17 h:min	
Standby power input	46.0 W	
Reference hot water temperature	49.4 °C	
Mixed water at 40°C	241	
СОР	2.78	



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Declared load profile	XL
Efficiency ηDHW	111 %
Heating up time	3:17 h:min
Standby power input	46.0 W
Reference hot water temperature	49.4 °C
Mixed water at 40°C	241
СОР	2.78



# Model: CTC GS 608 1x230V

General Data	
Power supply	1x230V 50Hz
Off-peak product	No

# Heating

EN 14511-2	
	Medium temperature
Heat output	7.48 kW
El input	2.38 kW
СОР	3.14
Indoor water flow rate	0.83 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

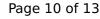
## **Average Climate**



EN 12102-1	
	Medium temperature
Sound power level indoor	39 dB(A)

EN 14825	
Medium temperature	
147 %	
8.63 kW	
3.88	
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-10 °C	
7.60 kW	
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WTOL	65 °C
Poff	18 W
РТО	4 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	electricity
Supplementary Heater: PSUP	1.20 kW
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Sound power level indoor	39 dB(A)

Medium temperature
151 %
8.48 kW





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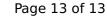


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