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Summary of	CTC GSi 608	Reg. No.	012-C700085	
Certificate Holder				
Name	Enertech CTC AB	Enertech CTC AB		
Address	Box 309, Näsvägen	Zip	SE-381 26	
City	Ljungby	Country	Sweden	
Certification Body	RISE CERT	RISE CERT		
Name of testing laboratory	DTI, RISE	DTI, RISE		
Subtype title	CTC GSi 608	CTC GSi 608		
Heat Pump Type	Brine/Water	Brine/Water		
Refrigerant	R407c	R407c		
Mass Of Refrigerant	2.4 kg	2.4 kg		
Certification Date	30.11.2020	30.11.2020		
Testing basis	HP Keymark Scheme 201	HP Keymark Scheme 2019		



Model: CTC GSi 608

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

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	6.08 kW	5.24 kW	
El input	1.27 kW	1.78 kW	
СОР	4.78	2.95	
Indoor water flow rate	1.20 m³/h	0.90 m³/h	

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

Average Climate

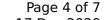
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	34 dB(A)	34 dB(A)





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EN 14825		
	Low temperature	Medium temperature
η_{s}	208 %	159 %
Prated	7.00 kW	7.00 kW
SCOP	5.39	4.17
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.02 kW	6.58 kW
COP Tj = -7°C	4.75	3.02
Cdh	0.98	0.99
Pdh Tj = +2°C	3.61 kW	4.31 kW
COP Tj = +2°C	5.68	4.71
Cdh	0.96	0.97
Pdh Tj = +7°C	2.47 kW	2.30 kW
COP Tj = +7°C	5.97	4.46
Cdh	0.94	0.94
Pdh Tj = 12°C	2.58 kW	2.28 kW
COP Tj = 12°C	6.05	4.86
Cdh	0.95	0.95
Pdh Tj = Tbiv	7.32 kW	6.91 kW
COP Tj = Tbiv	4.56	2.66





 $$\operatorname{\textit{Page}}4 of 7$ This information was generated by the HP KEYMARK database on 17 Dec 2020$ Pdh Tj = TOL7.32 kW 6.87 kW

COP Tj = TOL	4.56	2.84
Cdh	0.97	0.97
WTOL	65 °C	65 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	0 W	0 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2683 kWh	3467 kWh

Colder Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	34 dB(A)	34 dB(A)

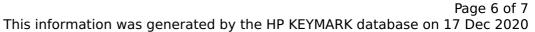
EN 14825		
	Low temperature	Medium temperature
η_{S}	217 %	162 %
Prated	7.00 kW	7.00 kW
	1	1





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SCOP	5.63	4.24
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.18 kW	4.42 kW
COP Tj = -7°C	5.52	4.01
Cdh	0.97	0.98
Pdh Tj = +2°C	2.70 kW	2.33 kW
COP Tj = +2°C	6.11	4.59
Cdh	0.95	0.96
Pdh Tj = +7°C	2.64 kW	2.35 kW
$COP Tj = +7^{\circ}C$	6.14	5.15
Cdh	0.95	0.95
Pdh Tj = 12°C	2.64 kW	2.68 kW
COP Tj = 12°C	6.14	5.92
Cdh	0.95	0.95
Pdh Tj = Tbiv	7.32 kW	6.94 kW
COP Tj = Tbiv	4.56	2.88
Pdh Tj = TOL	7.32 kW	6.87 kW
COP Tj = TOL	4.56	2.84
Cdh	0.97	0.97
WTOL	65 °C	65 °C





	<u> </u>	
Poff	23 W	23 W
РТО	23 W	23 W
PSB	o w	o w
PCK	o w	o w
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3063 kWh	4065 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	98 %	
СОР	2.39	
Heating up time	01:58 h:min	
Standby power input	79.8 W	
Reference hot water temperature	49.8 °C	
Mixed water at 40°C	239 I	

Colder Climate





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	98 %
СОР	2.39
Heating up time	01:58 h:min
Standby power input	79.8 W
Reference hot water temperature	49.8 °C
Mixed water at 40°C	239