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Login

Summary of	CTC GS 606	Reg. No.	012-C700089	
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		
Subtype title	CTC GS 606			
Heat Pump Type	Brine/Water			
Refrigerant	R407c			
Mass of Refrigerant	1.9 kg			
Certification Date	30.11.2020	30.11.2020		
Testing basis	HP Keymark Scheme 2017			



Model: CTC GS 606

Configure model		
Model name	CTC GS 606	
Application	Heating + DHW	
Units	Indoor	
Climate Zone	Colder Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

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

Heating

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

EN 14511-2	
	Medium temperature
Heat output	5.18 kW
El input	1.78 kW
СОР	2.91

Average Climate



EN 12102-1	
	Medium temperature
Sound power level indoor	41 dB(A)

EN 14825		
	Medium temperature	
η_s	140 %	
Prated	6.41 kW	
SCOP	3.69	
Tbiv	-6 °C	
TOL	-10 °C	
Pdh Tj = -7°C	5.30 kW	
COP Tj = -7°C	3.18	
Pdh Tj = +2°C	5.60 kW	
COP Tj = +2°C	3.80	
Pdh Tj = +7°C	5.70 kW	
COP Tj = +7°C	4.19	
Pdh Tj = 12°C	5.80 kW	
COP Tj = 12°C	4.62	
Pdh Tj = Tbiv	5.37 kW	
COP Tj = Tbiv	3.30	

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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.18 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99
WTOL	65 °C
Poff	18 W
РТО	106 W
PSB	18 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.10 kW
Annual energy consumption Qhe	1685 kWh

EN 12102-1		
	Medium temperature	
Sound power level indoor	41 dB(A)	

EN 14825		
		Medium temperature
η_{S}		143 %
Prated		6.03 kW





SCOP	3.78
Tbiv	-18 °C
TOL	-22 °C
Pdh Tj = -7°C	5.50 kW
$COP Tj = -7^{\circ}C$	3.65
Pdh Tj = +2°C	5.70 kW
COP Tj = +2°C	4.12
Pdh Tj = $+7^{\circ}$ C	5.80 kW
$COPTj = +7^{\circ}C$	4.47
Pdh Tj = 12°C	5.90 kW
COP Tj = 12°C	4.75
Pdh Tj = Tbiv	5.30 kW
COP Tj = Tbiv	3.18
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.18 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99
WTOL	65 °C
Poff	18 W
РТО	3 W
PSB	18 W
РСК	0 W



Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.90 kW
Annual energy consumption Qhe	1685 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	100 %
Heating up time	2:14 h:min
Mixed water at 40°C	239 I
СОР	2.50
Standby power input	57.0 W
Reference hot water temperature	49.7 °C



EN 16147	
Declared load profile	XL
Efficiency ηDHW	100 %
Heating up time	2:14 h:min
Mixed water at 40°C	239
СОР	2.50
Standby power input	57.0 W
Reference hot water temperature	49.7 °C



Model: CTC GS 606 1x230V

Configure	e model
Model name	CTC GS 606 1x230V
Application	Heating + DHW
Units	Indoor
Climate Zone	Colder Climate
Reversibility	No
Cooling mode application (optional)	n/a

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

Heating

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

EN 14511-2		
Medium temperature		
Heat output	5.18 kW	
El input	1.78 kW	
СОР	2.91	

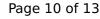
Average Climate



EN 12102-1	
	Medium temperature
Sound power level indoor	41 dB(A)

EN 14825	
	Medium temperature
η_s	140 %
Prated	6.41 kW
SCOP	3.69
Tbiv	-6 °C
TOL	-10 °C
Pdh Tj = -7°C	5.30 kW
COP Tj = -7°C	3.18
Pdh Tj = +2°C	5.60 kW
COP Tj = +2°C	3.80
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