

This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	CTC CombiAir 6M	Reg. No.	012-C700075
Certificate Holder			
Name	Enertech CTC AB		
Address	Box 309, Näsvägen	Zip	SE-381 26
City	Ljungby	Country	Sweden
Certification Body	RISE CERT		
Name of testing laboratory	RISE		
Subtype title	CTC CombiAir 6M		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.5 kg		
Certification Date	30.10.2020		

Model: CTC CombiAir 6M

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2

	Low temperature	Medium temperature
Heat output	2.42 kW	1.57 kW
El input	0.50 kW	0.76 kW
COP	4.85	2.06
Indoor water flow rate	0.17 m ³ /h	0.12 m ³ /h

Average Climate

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EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	50 dB(A)	50 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	188 %	131 %
Prated	4.80 kW	5.30 kW
SCOP	4.77	3.35
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.30 kW	4.70 kW
COP Tj = -7°C	2.60	1.88
Pdh Tj = +2°C	2.60 kW	2.80 kW
COP Tj = +2°C	4.84	3.26
Pdh Tj = +7°C	1.70 kW	1.80 kW
COP Tj = +7°C	6.91	4.72
Pdh Tj = 12°C	2.70 kW	2.70 kW
COP Tj = 12°C	7.72	6.47
Pdh Tj = Tbiv	4.30 kW	4.70 kW

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COP $T_j = T_{biv}$	2.60	1.88
P _{dh} $T_j = TOL$	3.20 kW	4.10 kW
COP $T_j = TOL$	2.24	1.77
C _{dh}	0.98	0.99
WTOL	58 °C	58 °C
P _{off}	7 W	7 W
PTO	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	1.60 kW	1.20 kW
Annual energy consumption Q _{he}	2089 kWh	3248 kWh