

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

Summary of	Bosch Compress 6000 10 LWM	Reg. No.	011-1W0171
Certificate Holder			
Name	Bosch Thermotechnik GmbH		
Address	Junkersstraße 20 - 24	Zip	73249
City	Wernau	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	IGE Institut für GebäudeEnergetik		
Subtype title	Bosch Compress 6000 10 LWM		
Heat Pump Type	Brine/Water		
Refrigerant	R410a		
Mass Of Refrigerant	2.2 kg		

Model: Bosch Compress 6000 10 LWM

General Data

Power supply	3x400V 50Hz
Off-peak product	No

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.89 kW	9.18 kW
El input	2.27 kW	3.28 kW
COP	4.37	2.80
Indoor water flow rate	1.71 m ³ /h	1.00 m ³ /h

EN 14511-4

Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed

Average Climate

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EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	52 dB(A)	52 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	190 %	136 %
Prated	11.00 kW	11.00 kW
SCOP	4.95	3.60
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.90 kW	9.30 kW
COP Tj = -7°C	4.74	3.09
Pdh Tj = +2°C	10.00 kW	9.50 kW
COP Tj = +2°C	4.95	3.55
Pdh Tj = +7°C	10.00 kW	9.60 kW
COP Tj = +7°C	5.14	3.98
Pdh Tj = 12°C	10.10 kW	9.80 kW
COP Tj = 12°C	5.34	4.41
Pdh Tj = Tbiv	9.90 kW	9.20 kW
COP Tj = Tbiv	4.63	2.88

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Pdh Tj = TOL	9.90 kW	9.20 kW
COP Tj = TOL	4.63	2.88
Cdh	0.90	0.90
WTOL	62 °C	62 °C
Poff	6 W	6 W
PTO	6 W	6 W
PSB	6 W	6 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	1.30 kW	1.30 kW
Annual energy consumption Qhe	4672 kWh	6022 kWh

Domestic Hot Water (DHW)

Average Climate

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EN 16147	
Declared load profile	L
Efficiency η_{DHW}	89 %
COP	2.08
Heating up time	1:05 h:min
Standby power input	66.0 W
Reference hot water temperature	49.6 °C
Mixed water at 40°C	220 l