This information was generated by the HP KEYMARK database on 7 Jul 2022

Login

Summary of	Bosch Compress 6000 10 LW	Reg. No.	n/a
Certificate Holder			
Name	Bosch Thermotechnik GmbH		
Address	Junkersstraße 20 - 24	Zip	73249
City	Wernau	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	Bosch Compress 6000 10 LW		
Heat Pump Type	Brine/Water		
Refrigerant	R410A		
Mass of Refrigerant	2.4 kg		

Model: Bosch Compress 6000 10 LW

Configure model	
Model name	Bosch Compress 6000 10 LW
Application	Heating (medium temp)
Units	Indoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	3x400V 50Hz

Heating

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

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

Average Climate

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	-7 °C	-7 °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	9.30 kW
COP Tj = Tbiv	4.74	3.09

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.90 kW	9.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.63	2.88
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	Electricity	Electricity
Supplementary Heater: PSUP	1.30 kW	1.30 kW
Annual energy consumption Qhe	4672 kWh	6022 kWh