

This information was generated by the HP KEYMARK database on 18 Mar 2022

[Login](#)

Summary of	Bosch Compress 6000 8 LWM	Reg. No.	011-1W0170
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 8 LWM		
Heat Pump Type	Brine/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.95 kg		

Model: Bosch Compress 6000 8 LWM

Configure model	
Model name	Bosch Compress 6000 8 LWM
Application	Heating + DHW + low temp
Units	Indoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.46 kW	6.78 kW
El input	1.64 kW	2.35 kW
COP	4.54	2.89

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

This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	47 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	131 %
Prated	9.00 kW	8.00 kW
SCOP	4.85	3.48
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.50 kW	6.80 kW
COP Tj = -7°C	4.66	2.92
Pdh Tj = +2°C	7.60 kW	7.00 kW
COP Tj = +2°C	4.87	3.43
Pdh Tj = +7°C	7.70 kW	7.20 kW
COP Tj = +7°C	5.07	3.86
Pdh Tj = 12°C	7.80 kW	7.40 kW
COP Tj = 12°C	5.26	4.29
Pdh Tj = Tbiv	7.50 kW	6.80 kW
COP Tj = Tbiv	4.66	2.92

This information was generated by the HP KEYMARK database on 18 Mar 2022

$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	7.50 kW	6.70 kW
$COP T_j = TOL$ or $COP T_j = T_{designh}$ if $TOL < T_{designh}$	4.55	2.68
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	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	1.00 kW	1.00 kW
Annual energy consumption Q_{he}	3619 kWh	4540 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	83 %
COP	2.09
Heating up time	01:29 h:min
Standby power input	59.8 W
Reference hot water temperature	50.3 °C
Mixed water at 40°C	235 l