

This information was downloaded from the HP KEYMARK database on 14 Feb 2020

Summary of	Bosch Compress 6000 17 LW	Reg. No.	011-1W0176
Certificate Holder			
Name	Bosch Thermotechnik GmbH		
Address	Sophienstraße 30-32	Zip	35576
City	Wetzlar	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	IGE Institut für GebäudeEnergetik		
Subtype title	Bosch Compress 6000 17 LW		
Heat Pump Type	Brine/Water		
Refrigerant	HFC-410a		
Mass Of Refrigerant	2.8 kg		
Certification Date	n/a		
Testing basis	n/a		

## Model: Bosch Compress 6000 17 LW

### General Data

Power supply	3x400V 50Hz
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### Heating

#### EN 14511-2

	Low temperature	Medium temperature
Heat output	17.09 kW	15.79 kW
El input	3.93 kW	5.51 kW
COP	4.35	2.87
Indoor water flow rate	2.97 m <sup>3</sup> /h	1.72 m <sup>3</sup> /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

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	47 dB(A)	47 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	176 %	130 %
Prated	19.00 kW	18.00 kW
SCOP	4.60	3.45
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	16.70 kW	15.70 kW
COP Tj = -7 °C	4.42	3.01
Pdh Tj = +2 °C	16.90 kW	15.90 kW
COP Tj = +2 °C	4.61	3.39
Pdh Tj = +7 °C	17.00 kW	16.20 kW
COP Tj = +7 °C	4.78	3.76
Pdh Tj = 12 °C	17.10 kW	16.50 kW
COP Tj = 12 °C	4.95	4.14
Pdh Tj = Tbiv	16.70 kW	15.70 kW

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COP $T_j = T_{biv}$	4.42	3.01
P <sub>dh</sub> $T_j = TOL$	16.70 kW	15.60 kW
COP $T_j = TOL$	4.33	2.84
C <sub>dh</sub>	1.00	1.00
WTOL	62 °C	62 °C
P <sub>off</sub>	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	2.30 kW	2.10 kW
Annual energy consumption Q <sub>he</sub>	8469 kWh	10627 kWh