



CERTIFICATE

Certificate holder	Bosch Thermotechnik GmbH Junkersstr. 20-24 73249 Wernau GERMANY
Production facility	Aveiro, Tranas
Product	Air/Water Heat pumps
Type, Model	Bosch Compress 7000iAW 9 OR and IR, Compress 6000 AW-9, Bosch CS7400iAW 7, Bosch CS7001iAW 9
Testing basis	DIN EN 14511-1; DIN EN 14511-2; DIN EN 14511-3; DIN EN 14511-4:2019-07 DIN EN 14825:2019-07 DIN EN 12102-1:2018-02 DIN EN 16147:2017-08 European KEYMARK Scheme for Heat Pumps Rev. 8 (2020-09)
Mark of conformity	
Registration No.	011-1W0124
Valid until	2027-07-31
Right of use	This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number.

See annex for further information.

2021-05-25


Robert Zorn M.Sc.
Managing Director

ANNEX

Page 1 of 1

Certificate	011-1W0124 dated 2021-05-25
Technical Data	See Heat Pump KEYMARK database for detailed information
Testing laboratory/ Inspection body	Danish Technological Institute Refrigeration & Heat Pump Technology Kongsvang Alle 29 8000 Aarhus C. DENMARK
Test report(s)	300-KLAB-14-025B dated 2014-10-10



This information was downloaded from the HP KEYMARK database on 16 Mar 2020

Summary of	Bosch Compress 7000iAW 9 OR and IR, Compress 6000 AW-9	Reg. No.	011-1W0124
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	Danish Technological Institute		
Subtype title	Bosch Compress 7000iAW 9 OR and IR, Compress 6000 AW-9		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	HFC-410a		
Mass Of Refrigerant	2.35 kg		
Certification Date	18.07.2017		
Testing basis	n/a		

Model: Bosch CS7000iAW 9 IRMS

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	48 dB(A)	48 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.30 kW	5.10 kW
COP Tj = -7 °C	3.00	2.23
Pdh Tj = +2 °C	4.00 kW	3.10 kW
COP Tj = +2 °C	4.86	3.49
Pdh Tj = +7 °C	2.70 kW	2.80 kW
COP Tj = +7 °C	6.80	4.95
Pdh Tj = 12 °C	1.80 kW	3.50 kW
COP Tj = 12 °C	9.63	7.73

Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	97 %
COP	2.40
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l

Model: Bosch CS7000iAW 9 IRM

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	48 dB(A)	48 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.30 kW	5.10 kW
COP Tj = -7 °C	3.00	2.23
Pdh Tj = +2 °C	4.00 kW	3.10 kW
COP Tj = +2 °C	4.86	3.49
Pdh Tj = +7 °C	2.70 kW	2.80 kW
COP Tj = +7 °C	6.80	4.95
Pdh Tj = 12 °C	1.80 kW	3.50 kW
COP Tj = 12 °C	9.63	7.73

Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	97 %
COP	2.40
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l

Model: Bosch CS7000iAW 9 IRB

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	48 dB(A)	48 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.30 kW	5.10 kW
COP Tj = -7°C	3.00	2.23
Pdh Tj = +2°C	4.00 kW	3.10 kW
COP Tj = +2°C	4.86	3.49
Pdh Tj = +7°C	2.70 kW	2.80 kW
COP Tj = +7°C	6.80	4.95
Pdh Tj = 12°C	1.80 kW	3.50 kW
COP Tj = 12°C	9.63	7.73

This information was downloaded from the HP KEYMARK database on 16 Mar 2020

Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.65	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

Model: Bosch CS7000iAW 9 IRE

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	48 dB(A)	48 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.30 kW	5.10 kW
COP Tj = -7 °C	3.00	2.23
Pdh Tj = +2 °C	4.00 kW	3.10 kW
COP Tj = +2 °C	4.86	3.49
Pdh Tj = +7 °C	2.70 kW	2.80 kW
COP Tj = +7 °C	6.80	4.95
Pdh Tj = 12 °C	1.80 kW	3.50 kW
COP Tj = 12 °C	9.63	7.73

This information was downloaded from the HP KEYMARK database on 16 Mar 2020

Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

Model: Bosch CS7000iAW 9 ORMS

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.30 kW	5.10 kW
COP Tj = -7 °C	3.00	2.23
Pdh Tj = +2 °C	4.00 kW	3.10 kW
COP Tj = +2 °C	4.86	3.49
Pdh Tj = +7 °C	2.70 kW	2.80 kW
COP Tj = +7 °C	6.80	4.95
Pdh Tj = 12 °C	1.80 kW	3.50 kW
COP Tj = 12 °C	9.63	7.73

Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

Warmer Climate

Colder Climate

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	97 %
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l
COP	2.40

Warmer Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.75
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l

Colder Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	87 %
COP	2.18
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l

Model: Bosch CS7000iAW 9 ORM

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.30 kW	5.10 kW
COP Tj = -7 °C	3.00	2.23
Pdh Tj = +2 °C	4.00 kW	3.10 kW
COP Tj = +2 °C	4.86	3.49
Pdh Tj = +7 °C	2.70 kW	2.80 kW
COP Tj = +7 °C	6.80	4.95
Pdh Tj = 12 °C	1.80 kW	3.50 kW
COP Tj = 12 °C	9.63	7.73

Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

Warmer Climate

Colder Climate

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	97 %
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l
COP	2.40

Warmer Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.75
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l

Colder Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	87 %
COP	2.18
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l

Model: Bosch CS7000iAW 9 ORB

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.30 kW	5.10 kW
COP Tj = -7 °C	3.00	2.23
Pdh Tj = +2 °C	4.00 kW	3.10 kW
COP Tj = +2 °C	4.86	3.49
Pdh Tj = +7 °C	2.70 kW	2.80 kW
COP Tj = +7 °C	6.80	4.95
Pdh Tj = 12 °C	1.80 kW	3.50 kW
COP Tj = 12 °C	9.63	7.73

This information was downloaded from the HP KEYMARK database on 16 Mar 2020

Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

Model: Bosch CS7000iAW 9 ORE

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.30 kW	5.10 kW
COP Tj = -7 °C	3.00	2.23
Pdh Tj = +2 °C	4.00 kW	3.10 kW
COP Tj = +2 °C	4.86	3.49
Pdh Tj = +7 °C	2.70 kW	2.80 kW
COP Tj = +7 °C	6.80	4.95
Pdh Tj = 12 °C	1.80 kW	3.50 kW
COP Tj = 12 °C	9.63	7.73

This information was downloaded from the HP KEYMARK database on 16 Mar 2020

Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

Model: Bosch Compress 6000 AW-9 AWB

General Data

Power supply	3x400V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 14825

This information was downloaded from the HP KEYMARK database on 16 Mar 2020

	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.30 kW	5.10 kW
COP Tj = -7°C	3.00	2.23
Pdh Tj = +2°C	4.00 kW	3.10 kW
COP Tj = +2°C	4.86	3.49
Pdh Tj = +7°C	2.70 kW	2.80 kW
COP Tj = +7°C	6.80	4.95
Pdh Tj = 12°C	1.80 kW	3.50 kW
COP Tj = 12°C	9.63	7.73
Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C

This information was downloaded from the HP KEYMARK database on 16 Mar 2020

Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

Model: Bosch Compress 6000 AW-9 AWM

General Data

Power supply	3x400V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.30 kW	5.10 kW
COP Tj = -7°C	3.00	2.23
Pdh Tj = +2°C	4.00 kW	3.10 kW
COP Tj = +2°C	4.86	3.49
Pdh Tj = +7°C	2.70 kW	2.80 kW
COP Tj = +7°C	6.80	4.95
Pdh Tj = 12°C	1.80 kW	3.50 kW
COP Tj = 12°C	9.63	7.73
Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C

Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	97 %
COP	2.40
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l

Model: Bosch Compress 6000 AW-9 AWMS

General Data

Power supply	3x400V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.30 kW	5.10 kW
COP Tj = -7°C	3.00	2.23
Pdh Tj = +2°C	4.00 kW	3.10 kW
COP Tj = +2°C	4.86	3.49
Pdh Tj = +7°C	2.70 kW	2.80 kW
COP Tj = +7°C	6.80	4.95
Pdh Tj = 12°C	1.80 kW	3.50 kW
COP Tj = 12°C	9.63	7.73
Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C

This information was downloaded from the HP KEYMARK database on 16 Mar 2020

Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	97 %
COP	2.40
Heating up time	02:44 h:min
Standby power input	58.7 W
Reference hot water temperature	55.6 °C
Mixed water at 40°C	284 l

Model: Bosch Compress 6000 AW-9 AWE

General Data

Power supply	3x400V 50Hz
--------------	-------------

Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	3.32 kW	2.84 kW
El input	0.67 kW	1.07 kW
COP	4.93	2.65
Indoor water flow rate	0.59 m ³ /h	0.31 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
Defrost test	passed

Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	199 %	143 %
Prated	7.00 kW	6.00 kW
SCOP	5.05	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.30 kW	5.10 kW
COP Tj = -7°C	3.00	2.23
Pdh Tj = +2°C	4.00 kW	3.10 kW
COP Tj = +2°C	4.86	3.49
Pdh Tj = +7°C	2.70 kW	2.80 kW
COP Tj = +7°C	6.80	4.95
Pdh Tj = 12°C	1.80 kW	3.50 kW
COP Tj = 12°C	9.63	7.73
Pdh Tj = Tbiv	7.30 kW	6.10 kW
COP Tj = Tbiv	2.56	1.84
Pdh Tj = TOL	7.30 kW	6.10 kW
COP Tj = TOL	2.56	1.84
Cdh	1.00	1.00
WTOL	60 °C	60 °C

This information was downloaded from the HP KEYMARK database on 16 Mar 2020

Poff	17 W	17 W
PTO	17 W	17 W
PSB	17 W	17 W
PCK	31 W	31 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3161 kWh	3585 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)