

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 17 OR and IR, Compress 6000 AW-17 Bosch CS7001iAW 17
Testing basis	DIN EN 14511-1; DIN EN 14511-2; DIN EN 14511-3; DIN EN 14511-4:2013-12 DIN EN 14825:2013-12 DIN EN 12102:2013-10 DIN EN 16147:2011-04 European KEYMARK Scheme for Heat Pumps Rev. 7 (2019-09)
Mark of conformity	2
Registration No.	011-1W0126
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.
DAKKS Deutsche Akkreditierungsstelle D-ZE-11125-01-00	DiplPhys. Carlo Seiser Head of Certification Body

DIN CERTCO Gesellschaft für Konformitätsbewertung mbH · Alboinstraße 56 · D-12103 Berlin · www.dincertco.de



ANNEX

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Certificate

011-1W0126 dated 2020-10-19

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-14-008 dated 2014-07-01





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Summary of	Bosch Compress 7000iAW 17 OR and IR, Compress 6000 AW-17	Reg. No.	011-1W0126	
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 17 OR and IR, Compress 6000 AW-17			
Heat Pump Type	Pump Type Outdoor Air/Water			
Refrigerant	erant HFC-410a			
Mass Of Refrigerant	efrigerant 4 kg			
Certification Date	n/a			
Testing basis	n/a			



Model: Bosch CS7000iAW 17 IRMS

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/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



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	49 dB(A)	49 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32

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		INARK Ualabase off 13 Mar 2020
Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

Domestic Hot Water (DHW)

Average Climate

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EN 16147		
Declared load profile	L	
Efficiency ηDHW	89 %	
COP	2.19	
Heating up time	02:18 h:min	
Standby power input	67.0 W	
Reference hot water temperature	52.8 °C	
Mixed water at 40°C	310	

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Model: Bosch CS7000iAW 17 IRM

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/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



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	49 dB(A)	49 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32



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		INARK Ualabase off 13 Mar 2020
Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

Domestic Hot Water (DHW)

Average Climate

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EN 16147		
Declared land profile		
Declared load profile	L	
Efficiency ηDHW	89 %	
СОР	2.19	
Heating up time	02:18 h:min	
Standby power input	67.0 W	
Reference hot water temperature	52.8 °C	
Mixed water at 40°C	310	

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Model: Bosch CS7000iAW 17 IRB

General Data	
Power supply 3x400V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	4.80 kW	4.22 kW	
El input	1.00 kW	1.64 kW	
СОР	4.82	2.58	
Indoor water flow rate	1.05 m³/h	0.46 m³/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

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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	49 dB(A)	49 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32

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Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

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Model: Bosch CS7000iAW 17 IRE

Genera	al Data
Power supply	3x400V 50Hz

Heating

	EN 14511-2	
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/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

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	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	49 dB(A)	49 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32

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Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

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Model: Bosch CS7000iAW 17 ORMS

Genera	al 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
Defrost test	passed

	EN 14511-2	
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/h

Warmer Climate

Colder Climate

Average Climate



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32

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Pdh Tj = Tbiv	12.00 kW	10.10 kW		
COP Tj = Tbiv	2.51	1.86		
Pdh Tj = TOL	12.00 kW	10.10 kW		
COP Tj = TOL	2.51	1.86		
Cdh	1.00	1.00		
WTOL	60 °C	60 °C		
Poff	35 W	35 W		
РТО	21 W	21 W		
PSB	35 W	35 W		
РСК	35 W	35 W		
Supplementary Heater: Type of energy input	Electric	Electric		
Supplementary Heater: PSUP	0.00 kW	0.00 kW		
Annual energy consumption Qhe	5198 kWh	5869 kWh		

Domestic Hot Water (DHW)

Warmer Climate

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EN 16147		
Declared load profile	L	
Efficiency ηDHW	79 %	
СОР	1.98	
Standby power input	53.1 W	
Mixed water at 40°C	310	

Colder Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	101 %	
СОР	2.53	
Standby power input	53.1 W	
Mixed water at 40°C	310	

Average Climate

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EN 16147		
Declared load profile	L	
Efficiency ηDHW	89 %	
COP	2.19	
Heating up time	02:18 h:min	
Standby power input	67.0 W	
Reference hot water temperature	52.8 °C	
Mixed water at 40°C	310	

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Model: Bosch CS7000iAW 17 ORM

General Data		
Power supply 3x400V 50Hz		

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	4.80 kW	4.22 kW	
El input	1.00 kW	1.64 kW	
СОР	4.82	2.58	
Indoor water flow rate	1.05 m³/h	0.46 m³/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	53 dB(A)	53 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32

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		INARK Ualabase off 13 Mar 2020
Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

Domestic Hot Water (DHW)

Average Climate

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EN 16147		
Declared load profile	L	
Efficiency ηDHW	89 %	
COP	2.19	
Heating up time	02:18 h:min	
Standby power input	67.0 W	
Reference hot water temperature	52.8 °C	
Mixed water at 40°C	310	

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Model: Bosch CS7000iAW 17 ORB

General Data	
Power supply 3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/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	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32

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Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh



Model: Bosch CS7000iAW 17 ORE

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	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/h

Average Climate

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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32

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Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C
Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh



Model: Bosch Compress 6000 AW-17 AWB

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/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

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	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32
Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C

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Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)



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Model: Bosch Compress 6000 AW-17 AWM

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/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

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	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32
Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C



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This information was downloaded from the HP KEYMARK database on 13 Mar 2020

Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

Domestic Hot Water (DHW)

Average Climate



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EN 16147	
Declared load profile	L
Efficiency ηDHW	89 %
COP	2.19
Heating up time	02:18 h:min
Standby power input	67.0 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	310

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Model: Bosch Compress 6000 AW-17 AWMS

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
СОР	4.82	2.58
Indoor water flow rate	1.05 m³/h	0.46 m³/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	
Shutting off the heat transfer medium flow	
Complete power supply failure	
Defrost test	passed

Average Climate

EN 14825

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	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32
Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C

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Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

Domestic Hot Water (DHW)

Average Climate

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EN 16147	
Declared load profile	L
Efficiency ηDHW	89 %
COP	2.19
Heating up time	02:18 h:min
Standby power input	67.0 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	310

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Model: Bosch Compress 6000 AW-17 AWE

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2				
	Low temperature	Medium temperature		
Heat output	4.80 kW	4.22 kW		
El input	1.00 kW	1.64 kW		
СОР	4.82	2.58		
Indoor water flow rate	1.05 m³/h	0.46 m³/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			
Shutting off the heat transfer medium flow			
Complete power supply failure			
Defrost test	passed		

Average Climate

EN 14825

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	Low temperature	Medium temperature
η _s	197 %	145 %
Prated	11.00 kW	10.00 kW
SCOP	5.00	3.70
Гbіv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.40 kW	9.00 kW
COP Tj = -7°C	3.01	2.21
Pdh Tj = +2°C	6.50 kW	5.50 kW
COP Tj = +2°C	4.86	3.57
Pdh Tj = +7°C	4.20 kW	5.00 kW
COP Tj = +7°C	6.53	4.88
Pdh Tj = 12°C	3.20 kW	6.10 kW
COP Tj = 12°C	8.93	7.32
Pdh Tj = Tbiv	12.00 kW	10.10 kW
COP Tj = Tbiv	2.51	1.86
Pdh Tj = TOL	12.00 kW	10.10 kW
COP Tj = TOL	2.51	1.86
Cdh	1.00	1.00
WTOL	60 °C	60 °C

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Poff	35 W	35 W
РТО	21 W	21 W
PSB	35 W	35 W
РСК	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5198 kWh	5869 kWh

EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	35 dB(A)	35 dB(A)		
Sound power level outdoor	53 dB(A)	53 dB(A)		