

# 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 13 OR and IR, Compress 6000 AW-13/s Bosch CS7001iAW 13
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	
Registration No.	011-1W0125
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.
DALKS Deutsche Akkreditierungsstelle D-ZE-11125-01-00	2020-10-19 C. Sund DiplPhys. Carlo Seiser Head of Certification Body



# **ANNEX**

Certificate

011-1W0125 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-14-015 dated 2014-07-01



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Summary of	Bosch Compress 7000iAW 13 OR and IR, Compress 6000 AW-13/s	Reg. No.	011-1W0125
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 13 OR and IR, Compress 6000 AW-13/s		
Heat Pump Type Outdoor Air/Water			
Refrigerant	HFC-410a		
Mass Of Refrigerant	ass Of Refrigerant 3.3 kg		
Certification Date	n/a		
Testing basis	n/a		



# Model: Bosch CS7000iAW 13 IRMS

General Data	
Power supply	3x400V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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	56 dB(A)	56 dB(A)
Sound power level outdoor	37 dB(A)	37 dB(A)

EN 14825		
	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38



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Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 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

Disclaimer: this document is a summary of the certified performance.



# Model: Bosch CS7000iAW 13 IRM

Genera	al Data
Power supply	3x400V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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	56 dB(A)	56 dB(A)
Sound power level outdoor	37 dB(A)	37 dB(A)

EN 14825		
	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38



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Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh

# Domestic Hot Water (DHW)

Average Climate

Disclaimer: this document is a summary of the certified performance.



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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 13 IRB

General Data	
Power supply 3x400V 50Hz	

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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	

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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	56 dB(A)	56 dB(A)
Sound power level outdoor	37 dB(A)	37 dB(A)

EN 14825		
	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38

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Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh



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# Model: Bosch CS7000iAW 13 IRE

General Data	
Power supply 3x400V 50Hz	

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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	56 dB(A)	56 dB(A)
Sound power level outdoor	37 dB(A)	37 dB(A)

EN 14825		
	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38

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Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh

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# Model: Bosch CS7000iAW 13 ORMS

General Data	
Power supply 3x400V 50Hz	

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825		
	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38

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Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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

4393 kWh

5499 kWh

# Warmer Climate

Annual energy consumption Qhe

**Colder Climate** 

Domestic Hot Water (DHW)

Average Climate



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EN 16147	
Declared load profile	L
Efficiency ηDHW	89 %
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
СОР	2.19

# Warmer Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	101 %
СОР	2.53
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

# Colder Climate



#### Page 20 of 59 This information was downloaded from the HP KEYMARK database on 13 Mar 2020

EN 16147	
Declared load profile	L
Efficiency ηDHW	79 %
COP	1.98
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 13 ORM

General Data	
Power supply	3x400V 50Hz

### Heating

	EN 14511-2	
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 m³/h

EN 14511-4	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	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825		
	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38

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Pdh Tj = Tbiv	10.10 kW	9.30 kW		
COP Tj = Tbiv	2.56	1.77		
Pdh Tj = TOL	10.10 kW	9.30 kW		
COP Tj = TOL	2.56	1.77		
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	4393 kWh	5499 kWh		

# Warmer Climate

Colder Climate

Domestic Hot Water (DHW)

Average Climate



#### Page 24 of 59 This information was downloaded from the HP KEYMARK database on 13 Mar 2020

EN 16147		
Declared load profile	L	
Efficiency ηDHW	89 %	
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	
СОР	2.19	

# Warmer Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	101 %	
COP	2.53	
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	

# Colder Climate



#### Page 25 of 59 This information was downloaded from the HP KEYMARK database on 13 Mar 2020

EN 16147		
Declared load profile	L	
Efficiency ηDHW	79 %	
COP	1.98	
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 13 ORB

General Data		
Power supply 3x400V 50Hz		

### Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	5.11 kW	4.45 kW	
El input	1.04 kW	1.62 kW	
СОР	4.90	2.75	
Indoor water flow rate	0.89 m³/h	0.49 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	35 dB(A)	35 dB(A)	
Sound power level outdoor	55 dB(A)	55 dB(A)	

EN 14825			
	Low temperature	Medium temperature	
η <sub>s</sub>	202 %	143 %	
Prated	10.00 kW	9.00 kW	
SCOP	5.13	3.65	
Tbiv	-10 °C	-10 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	9.20 kW	8.50 kW	
COP Tj = -7°C	3.02	2.15	
Pdh Tj = +2°C	6.00 kW	4.70 kW	
COP Tj = +2°C	4.90	3.51	
Pdh Tj = +7°C	3.60 kW	5.30 kW	
COP Tj = +7°C	6.74	4.99	
Pdh Tj = 12°C	3.20 kW	6.40 kW	
COP Tj = 12°C	9.23	7.38	

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Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh



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# Model: Bosch CS7000iAW 13 ORE

General Data	
Power supply 3x400V 50Hz	

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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	35 dB(A)	35 dB(A)	
Sound power level outdoor	55 dB(A)	55 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38

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Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh



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# Model: Bosch Compress 6000 AW-13 AWB

General Data	
Power supply 3x400V 50Hz	

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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 <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)



# Model: Bosch Compress 6000 AW-13 AWM

General Data	
Power supply 3x400V 50Hz	

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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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	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 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-13 AWE

General Data	
Power supply	3x400V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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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	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Гbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)



# Model: Bosch Compress 6000 AW-13 AWMS

General Data	
Power supply	3x400V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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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	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh	

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 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-13s AWB

General Data	
Power supply	3x400V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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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	Low temperature	Medium temperature
η <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)



# Model: Bosch Compress 6000 AW-13s AWM

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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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	Low temperature	Medium temperature	
η <sub>s</sub>	202 %	143 %	
Prated	10.00 kW	9.00 kW	
SCOP	5.13	3.65	
Tbiv	-10 °C	-10 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	9.20 kW	8.50 kW	
COP Tj = -7°C	3.02	2.15	
Pdh Tj = +2°C	6.00 kW	4.70 kW	
COP Tj = +2°C	4.90	3.51	
Pdh Tj = +7°C	3.60 kW	5.30 kW	
COP Tj = +7°C	6.74	4.99	
Pdh Tj = 12°C	3.20 kW	6.40 kW	
COP Tj = 12°C	9.23	7.38	
Pdh Tj = Tbiv	10.10 kW	9.30 kW	
COP Tj = Tbiv	2.56	1.77	
Pdh Tj = TOL	10.10 kW	9.30 kW	
COP Tj = TOL	2.56	1.77	
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	4393 kWh	5499 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

Domestic Hot Water (DHW)

Average Climate

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EN 16147		
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 I	

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# Model: Bosch Compress 6000 AW-13s AWMS

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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 <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 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-13s AWE

General Data		
Power supply 1x230V 50Hz		

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.11 kW	4.45 kW
El input	1.04 kW	1.62 kW
СОР	4.90	2.75
Indoor water flow rate	0.89 m³/h	0.49 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 <sub>s</sub>	202 %	143 %
Prated	10.00 kW	9.00 kW
SCOP	5.13	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	8.50 kW
COP Tj = -7°C	3.02	2.15
Pdh Tj = +2°C	6.00 kW	4.70 kW
COP Tj = +2°C	4.90	3.51
Pdh Tj = +7°C	3.60 kW	5.30 kW
COP Tj = +7°C	6.74	4.99
Pdh Tj = 12°C	3.20 kW	6.40 kW
COP Tj = 12°C	9.23	7.38
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.56	1.77
Pdh Tj = TOL	10.10 kW	9.30 kW
COP Tj = TOL	2.56	1.77
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	4393 kWh	5499 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)