

This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	Bosch Compress 3000 AWS-11/13/15	Reg. No.	011-1W0136
Certificate Holder			
Name	Bosch Thermotechnik GmbH		
Address	Junkersstraße 20 - 24	Zip	73249
City	Wernau	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	RISE Research Institutes of Sweden		
Subtype title	Bosch Compress 3000 AWS-11/13/15		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	2.3 kg		
Certification Date	26.09.2017		

Model: Bosch Compress 3000 AWS-13 MS

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.21 kW	8.02 kW
El input	2.09 kW	2.96 kW
COP	4.40	2.70
Indoor water flow rate	1.57 m ³ /h	0.88 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	153 %	121 %
Prated	11.00 kW	10.00 kW
SCOP	3.90	3.10
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	9.90 kW	8.40 kW
COP Tj = -7°C	2.71	2.11
Pdh Tj = +2°C	6.00 kW	6.00 kW
COP Tj = +2°C	3.72	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.31
Pdh Tj = 12°C	6.50 kW	6.00 kW
COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	11.20 kW	9.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.61	1.81
Pdh Tj = TOL	11.20 kW	9.50 kW
COP Tj = TOL	2.61	1.81
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5949 kWh	6356 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	71 %
COP	1.68
Standby power input	60.0 W
Reference hot water temperature	56.4 °C
Mixed water at 40°C	304 l
Heating up time	3:20 h:min

Model: Bosch Compress 3000 AWS-13 M

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.21 kW	8.02 kW
El input	2.09 kW	2.96 kW
COP	4.40	2.70
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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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
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EN 14825

	Low temperature	Medium temperature
η_s	153 %	121 %
Prated	11.00 kW	10.00 kW
SCOP	3.90	3.10
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	9.90 kW	8.40 kW
COP Tj = -7°C	2.71	2.11
Pdh Tj = +2°C	6.00 kW	6.00 kW
COP Tj = +2°C	3.72	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.31
Pdh Tj = 12°C	6.50 kW	6.00 kW
COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	11.20 kW	9.50 kW

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COP Tj = Tbiv	2.61	1.81
Pdh Tj = TOL	11.20 kW	9.50 kW
COP Tj = TOL	2.61	1.81
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5949 kWh	6356 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	71 %
COP	1.68
Heating up time	3:20 h:min
Standby power input	60.0 W
Reference hot water temperature	56.4 °C
Mixed water at 40°C	304 l

Model: Bosch Compress 3000 AWS-13 B

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.21 kW	8.02 kW
El input	2.09 kW	2.96 kW
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EN 14511-4

Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
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COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	11.20 kW	9.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP $T_j = T_{biv}$	2.61	1.81
P _{dh} $T_j = TOL$	11.20 kW	9.50 kW
COP $T_j = TOL$	2.61	1.81
C _{dh}	0.90	0.90
WTOL	57 °C	57 °C
P _{off}	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Q _{he}	5949 kWh	6356 kWh

Model: Bosch Compress 3000 AWS-13 E

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.21 kW	8.02 kW
El input	2.09 kW	2.96 kW
COP	4.40	2.70
Indoor water flow rate	1.57 m ³ /h	0.88 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

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Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825

	Low temperature	Medium temperature
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Prated	11.00 kW	10.00 kW
SCOP	3.90	3.10
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TOL	-15 °C	-15 °C
Pdh Tj = -7°C	9.90 kW	8.40 kW
COP Tj = -7°C	2.71	2.11
Pdh Tj = +2°C	6.00 kW	6.00 kW
COP Tj = +2°C	3.72	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.31
Pdh Tj = 12°C	6.50 kW	6.00 kW
COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	11.20 kW	9.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.61	1.81
Pdh Tj = TOL	11.20 kW	9.50 kW
COP Tj = TOL	2.61	1.81
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5949 kWh	6356 kWh

Model: Bosch Compress 3000 AWS-11 MS

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	8.60 kW	7.50 kW
El input	1.95 kW	2.78 kW
COP	4.40	2.70
Indoor water flow rate	1.47 m ³ /h	0.83 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	152 %	119 %
Prated	10.00 kW	9.00 kW
SCOP	3.88	3.05
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	8.80 kW	7.50 kW
COP Tj = -7°C	2.71	2.10
Pdh Tj = +2°C	5.90 kW	6.00 kW
COP Tj = +2°C	3.81	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.30
Pdh Tj = 12°C	6.50 kW	6.00 kW
COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	10.00 kW	8.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.61	1.81
Pdh Tj = TOL	10.00 kW	8.50 kW
COP Tj = TOL	2.61	1.81
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5324 kWh	5770 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	71 %
COP	1.68
Heating up time	3:20 h:min
Standby power input	60.0 W
Reference hot water temperature	56.4 °C
Mixed water at 40°C	304 l

Model: Bosch Compress 3000 AWS-11 M

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	8.60 kW	7.50 kW
El input	1.95 kW	2.78 kW
COP	4.40	2.70
Indoor water flow rate	1.47 m ³ /h	0.83 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	152 %	119 %
Prated	10.00 kW	9.00 kW
SCOP	3.88	3.05
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	8.80 kW	7.50 kW
COP Tj = -7°C	2.71	2.10
Pdh Tj = +2°C	5.90 kW	6.00 kW
COP Tj = +2°C	3.81	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.30
Pdh Tj = 12°C	6.50 kW	6.00 kW
COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	10.00 kW	8.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.61	1.81
Pdh Tj = TOL	10.00 kW	8.50 kW
COP Tj = TOL	2.61	1.81
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5324 kWh	5770 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	71 %
COP	1.68
Heating up time	3:20 h:min
Standby power input	60.0 W
Reference hot water temperature	56.4 °C
Mixed water at 40°C	304 l

Model: Bosch Compress 3000 AWS-11 B

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	8.60 kW	7.50 kW
El input	1.95 kW	2.78 kW
COP	4.40	2.70
Indoor water flow rate	1.47 m ³ /h	0.83 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	152 %	119 %
Prated	10.00 kW	9.00 kW
SCOP	3.88	3.05
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	8.80 kW	7.50 kW
COP Tj = -7°C	2.71	2.10
Pdh Tj = +2°C	5.90 kW	6.00 kW
COP Tj = +2°C	3.81	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.30
Pdh Tj = 12°C	6.50 kW	6.00 kW
COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	10.00 kW	8.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP $T_j = T_{biv}$	2.61	1.81
P _{dh} $T_j = TOL$	10.00 kW	8.50 kW
COP $T_j = TOL$	2.61	1.81
C _{dh}	0.90	0.90
WTOL	57 °C	57 °C
P _{off}	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Q _{he}	5324 kWh	5770 kWh

Model: Bosch Compress 3000 AWS-11 E

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	8.60 kW	7.50 kW
El input	1.95 kW	2.78 kW
COP	4.40	2.70
Indoor water flow rate	1.47 m ³ /h	0.83 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	152 %	119 %
Prated	10.00 kW	9.00 kW
SCOP	3.88	3.05
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	8.80 kW	7.50 kW
COP Tj = -7°C	2.71	2.10
Pdh Tj = +2°C	5.90 kW	6.00 kW
COP Tj = +2°C	3.81	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.30
Pdh Tj = 12°C	6.50 kW	6.00 kW
COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	10.00 kW	8.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP $T_j = T_{biv}$	2.61	1.81
P _{dh} $T_j = TOL$	10.00 kW	8.50 kW
COP $T_j = TOL$	2.61	1.81
C _{dh}	0.90	0.90
WTOL	57 °C	57 °C
P _{off}	11 W	11 W
P _{TO}	51 W	51 W
P _{SB}	11 W	11 W
P _{CK}	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: P _{SUP}	0.00 kW	0.00 kW
Annual energy consumption Q _{he}	5324 kWh	5770 kWh

Model: Bosch Compress 3000 AWS-15 MS

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.65 kW	8.36 kW
El input	2.19 kW	3.06 kW
COP	4.41	2.73
Indoor water flow rate	1.64 m ³ /h	0.92 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
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EN 14825

	Low temperature	Medium temperature
η_s	153 %	123 %
Prated	13.00 kW	11.00 kW
SCOP	3.90	3.15
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	11.10 kW	9.30 kW
COP Tj = -7°C	2.71	2.11
Pdh Tj = +2°C	6.70 kW	6.00 kW
COP Tj = +2°C	3.71	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.31
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COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	12.50 kW	10.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.61	1.81
Pdh Tj = TOL	12.50 kW	10.50 kW
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Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6612 kWh	6942 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	71 %
COP	1.68
Heating up time	3:20 h:min
Standby power input	60.0 W
Reference hot water temperature	56.4 °C
Mixed water at 40°C	304 l

Model: Bosch Compress 3000 AWS-15 M

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.65 kW	8.36 kW
El input	2.19 kW	3.06 kW
COP	4.41	2.73
Indoor water flow rate	1.64 m ³ /h	0.92 m ³ /h

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Defrost test	passed

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This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

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Prated	13.00 kW	11.00 kW
SCOP	3.90	3.15
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	11.10 kW	9.30 kW
COP Tj = -7°C	2.71	2.11
Pdh Tj = +2°C	6.70 kW	6.00 kW
COP Tj = +2°C	3.71	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
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Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6612 kWh	6942 kWh

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Reference hot water temperature	56.4 °C
Mixed water at 40°C	304 l

Model: Bosch Compress 3000 AWS-15 B

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.65 kW	8.36 kW
El input	2.19 kW	3.06 kW
COP	4.41	2.73
Indoor water flow rate	1.64 m ³ /h	0.92 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	153 %	123 %
Prated	13.00 kW	11.00 kW
SCOP	3.90	3.15
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	11.10 kW	9.30 kW
COP Tj = -7°C	2.71	2.11
Pdh Tj = +2°C	6.70 kW	6.00 kW
COP Tj = +2°C	3.71	3.11
Pdh Tj = +7°C	6.50 kW	6.00 kW
COP Tj = +7°C	5.71	4.31
Pdh Tj = 12°C	6.50 kW	6.00 kW
COP Tj = 12°C	5.71	5.01
Pdh Tj = Tbiv	12.50 kW	10.50 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.61	1.81
Pdh Tj = TOL	12.50 kW	10.50 kW
COP Tj = TOL	2.61	1.81
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
PTO	51 W	51 W
PSB	11 W	11 W
PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6612 kWh	6942 kWh

Model: Bosch Compress 3000 AWS-15 E

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.65 kW	8.36 kW
El input	2.19 kW	3.06 kW
COP	4.41	2.73
Indoor water flow rate	1.64 m ³ /h	0.92 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
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EN 14825

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PCK	100 W	100 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6612 kWh	6942 kWh