

Summary of	Bosch Compress 3000 AWS-8	Reg. No.	011-1W0135
Janimary or	Boscii Compress 3000 AWS-0	ricg. No.	011 100155
Certificate Holder			
Name	Bosch Thermotechnik GmbH		
Address	Junkersstraße 20 - 24	Zip	73249
City	Wernau	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitä	tsbewertung	mbH
Name of testing laboratory	RISE Research Institutes of Sweden AB		
Subtype title	Bosch Compress 3000 AWS-8		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.6 kg		



Model: Bosch Compress 3000 AWS-8 E

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.41 kW	3.99 kW
El input	1.13 kW	1.47 kW
СОР	4.80	2.72
Indoor water flow rate	0.95 m³/h	0.44 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



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	65 dB(A)	65 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	150 %	125 %
Prated	7.00 kW	6.00 kW
SCOP	3.83	3.20
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	6.40 kW	5.30 kW
COP Tj = -7°C	2.65	2.11
Pdh Tj = +2°C	3.90 kW	3.20 kW
COP Tj = +2°C	3.61	3.10
Pdh Tj = +7°C	3.60 kW	3.60 kW
COP Tj = +7°C	5.71	4.70
Pdh Tj = 12°C	3.60 kW	3.60 kW
COP Tj = 12°C	5.71	5.00
Pdh Tj = Tbiv	7.20 kW	6.00 kW



COP Tj = Tbiv	2.51	1.90
Pdh Tj = TOL	5.70 kW	4.90 kW
COP Tj = TOL	2.41	2.00
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
РТО	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	3879 kWh	3890 kWh



Model: Bosch Compress 3000 AWS-8 B

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.41 kW	3.99 kW
El input	1.13 kW	1.47 kW
СОР	4.80	2.72
Indoor water flow rate	0.95 m³/h	0.44 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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	65 dB(A)	65 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	150 %	125 %
Prated	7.00 kW	6.00 kW
SCOP	3.83	3.20
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	6.40 kW	5.30 kW
COP Tj = -7°C	2.65	2.11
Pdh Tj = +2°C	3.90 kW	3.20 kW
COP Tj = +2°C	3.61	3.10
Pdh Tj = +7°C	3.60 kW	3.60 kW
COP Tj = +7°C	5.71	4.70
Pdh Tj = 12°C	3.60 kW	3.60 kW
COP Tj = 12°C	5.71	5.00
Pdh Tj = Tbiv	7.20 kW	6.00 kW



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COP Tj = Tbiv	2.51	1.90
Pdh Tj = TOL	5.70 kW	4.90 kW
COP Tj = TOL	2.41	2.00
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
РТО	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	3879 kWh	3890 kWh



Model: Bosch Compress 3000 AWS-8 M

General Data	
Power supply 1x230V 50Hz	

Heating

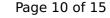
EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.41 kW	3.99 kW
El input	1.13 kW	1.47 kW
СОР	4.80	2.72
Indoor water flow rate	0.95 m³/h	0.44 m³/h

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	



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	65 dB(A)	65 dB(A)

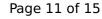
EN 14825		
	Low temperature	Medium temperature
η_{s}	150 %	125 %
Prated	7.00 kW	6.00 kW
SCOP	3.83	3.20
Tbiv	-10 °C	-10 °C
TOL	-15 °C	-15 °C
Pdh Tj = -7°C	6.40 kW	5.30 kW
COP Tj = -7°C	2.65	2.11
Pdh Tj = +2°C	3.90 kW	3.20 kW
COP Tj = +2°C	3.61	3.10
Pdh Tj = +7°C	3.60 kW	3.60 kW
COP Tj = +7°C	5.71	4.70
Pdh Tj = 12°C	3.60 kW	3.60 kW
COP Tj = 12°C	5.71	5.00
Pdh Tj = Tbiv	7.20 kW	6.00 kW





This information was	generated by the HP	KEYMARK database on 17 Dec 20
COP Tj = Tbiv	2.51	1.90
Pdh Tj = TOL	5.70 kW	4.90 kW
COP Tj = TOL	2.41	2.00
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
РТО	51 W	51 W
PSB	11 W	11 W
РСК	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	3879 kWh	3890 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	105 %
СОР	2.49
Heating up time	02:08 h:min
Standby power input	44.0 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	257 I



Model: Bosch Compress 3000 AWS-8 MS

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.41 kW	3.99 kW
El input	1.13 kW	1.47 kW
СОР	4.80	2.72
Indoor water flow rate	0.95 m³/h	0.44 m³/h

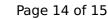
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit		
	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	65 dB(A)	65 dB(A)

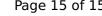
EN 14825			
	Low temperature	Medium temperature	
η_{s}	150 %	125 %	
Prated	7.00 kW	6.00 kW	
SCOP	3.83	3.20	
Tbiv	-10 °C	-10 °C	
TOL	-15 °C	-15 °C	
Pdh Tj = -7°C	6.40 kW	5.30 kW	
COP Tj = -7°C	2.65	2.11	
Pdh Tj = +2°C	3.90 kW	3.20 kW	
COP Tj = +2°C	3.61	3.10	
Pdh Tj = +7°C	3.60 kW	3.60 kW	
COP Tj = +7°C	5.71	4.70	
Pdh Tj = 12°C	3.60 kW	3.60 kW	
COP Tj = 12°C	5.71	5.00	
Pdh Tj = Tbiv	7.20 kW	6.00 kW	





COP Tj = Tbiv	2.51	1.90
Pdh Tj = TOL	5.70 kW	4.90 kW
COP Tj = TOL	2.41	2.00
Cdh	0.90	0.90
WTOL	57 °C	57 °C
Poff	11 W	11 W
РТО	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	3879 kWh	3890 kWh

Domestic Hot Water (DHW)





 $$\operatorname{Page}\ 15$$ of 15 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147		
Declared load profile	L	
Efficiency ηDHW	105 %	
СОР	2.49	
Heating up time	02:08 h:min	
Standby power input	44.0 W	
Reference hot water temperature	52.6 °C	
Mixed water at 40°C	257 I	