DIN CERTCO
Gesellschaft für Konformitätsbewertung mbH

ZERTIFIKAT

Zertifikatinhaber	**Bosch Thermotechnik GmbH** **Junkersstr. 20-24** **73249 Wernau** **DEUTSCHLAND**
Herstellwerk	Aveiro, Tranas
Produkt	Luft/Wasser Wärmepumpen
Typ, Modell	Bosch Compress 7000iAW 7 OR and IR, Compress 6000 AW-7, Bosch CS7400iAW 5, Bosch CS7001iAW 7
Prüfgrundlage(n)	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 Europäisches Zertifizierungsprogramm Wärmepumpen KEYMARK Version8 (2020-09)
Konformitätszeichen	
Registernummer	011-1W0123
Gültig bis	2027-07-31
Nutzungsrecht	Dieses Zertifikat berechtigt zum Führen des oben stehenden Konformitätszeichens in Verbindung mit der genannten Registernummer. Weitere Angaben siehe Anhang.

2021-05-25

Robert Zorn M.Sc.
Geschäftsführer

GESELLSCHAFT FÜR KONFORMITÄTSBEWERTUNG DIN CERTCO HBW

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Akkreditierungsstelle
D-ZE-11125-01-00

DIN

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ANHANG

Zertifikat	011-1W0123 von 2021-05-25
Technische Angaben	siehe Wärmepumpen-KEYMARK Datenbank für ausführliche Informationen
Prüflaboratorium/ Überwachungsstelle	Danish Technological Institute Refrigeration & Heat Pump Technology Kongsvang Alle 29 8000 Aarhus C. DÄNEMARK
Prüfbericht(e)	300-KLAB-14-007 von 2014-07-01

Summary of	Bosch Compress 7000iAW 7 OR and IR, Compress 6000 AW-7	Reg. No.	011-1W0123
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 7 OR and IR, Compress 6000 AW-7		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	HFC-410a		
Mass Of Refrigerant	1.75 kg		
Certification Date	n/a		
Testing basis	n/a		

Model: Bosch CS7000iAW 7 IRMS

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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	48 dB(A)	48 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53

Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	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 7 IRM

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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	48 dB(A)	48 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53

Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	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 7 IRB

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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	48 dB(A)	48 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53

Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 kWh

Model: Bosch CS7000iAW 7 IRE

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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

	Low temperature	**Medium temperature**
η_s	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53
Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	48 dB(A)	48 dB(A)
Sound power level outdoor	38 dB(A)	38 dB(A)

Model: Bosch CS7000iAW 7 ORMS

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53

Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 kWh

Domestic Hot Water (DHW)

Average Climate

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

Model: Bosch CS7000iAW 7 ORM

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53

Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 kWh

Domestic Hot Water (DHW)

Average Climate

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

Model: Bosch CS7000iAW 7 ORB

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53

Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 kWh

Model: Bosch CS7000iAW 7 ORE

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53

Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 kWh

Model: Bosch Compress 6000 AW-7 AWB

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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

	Low temperature	**Medium temperature**
η_s	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53
Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 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)

Model: Bosch Compress 6000 AW-7 AWM

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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

	Low temperature	**Medium temperature**
η_s	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53
Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 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

EN 16147	
Declared load profile	L
Efficiency ηDHW	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-7 AWMS

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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

	Low temperature	**Medium temperature**
η_s	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53
Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 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

EN 16147	
Declared load profile	L
Efficiency ηDHW	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-7 AWE

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	2.96 kW	2.18 kW
El input	0.61 kW	0.80 kW
COP	4.84	2.74
Indoor water flow rate	0.65 m³/h	0.24 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

	Low temperature	**Medium temperature**
η_s	203 %	145 %
Prated	5.00 kW	5.00 kW
SCOP	5.15	3.70
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.00 kW
COP Tj = -7°C	3.00	2.22
Pdh Tj = +2°C	2.90 kW	2.40 kW
COP Tj = +2°C	4.89	3.42
Pdh Tj = +7°C	1.90 kW	2.10 kW
COP Tj = +7°C	6.64	4.90
Pdh Tj = 12°C	1.30 kW	2.60 kW
COP Tj = 12°C	8.93	7.53
Pdh Tj = Tbiv	5.40 kW	4.50 kW
COP Tj = Tbiv	2.65	1.91
Pdh Tj = TOL	5.40 kW	4.50 kW
COP Tj = TOL	2.65	1.91
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	26 W	26 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2227 kWh	2740 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)