

# 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****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.

# ANNEX

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<b>Certificate</b>	011-1W0126 dated 2020-10-19
<b>Technical Data</b>	See Heat Pump KEYMARK database for detailed information
<b>Testing laboratory/ Inspection body</b>	Danish Technological Institute Refrigeration & Heat Pump Technology Kongsvang Alle 29 8000 Aarhus C. DENMARK
<b>Test report(s)</b>	300-KLAB-14-008 dated 2014-07-01



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

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	Outdoor Air/Water		
Refrigerant	HFC-410a		
Mass Of Refrigerant	4 kg		
Certification Date	n/a		
Testing basis	n/a		



## Model: Bosch CS7000iAW 17 IRMS

### General Data

Power supply	3x400V 50Hz
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### Heating

#### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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	49 dB(A)	49 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	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

This information was downloaded from the HP KEYMARK database on 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
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	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 l

## Model: Bosch CS7000iAW 17 IRM

### General Data

Power supply	3x400V 50Hz
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### Heating

#### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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	49 dB(A)	49 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	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

This information was downloaded from the HP KEYMARK database on 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
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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

EN 16147	
Declared load profile	L
Efficiency $\eta_{DHW}$	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 l

## Model: Bosch CS7000iAW 17 IRB

### General Data

Power supply	3x400V 50Hz
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### Heating

#### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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	49 dB(A)	49 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	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

This information was downloaded from the HP KEYMARK database on 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
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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 IRE

### General Data

Power supply	3x400V 50Hz
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### Heating

#### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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	49 dB(A)	49 dB(A)
Sound power level outdoor	36 dB(A)	36 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	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

This information was downloaded from the HP KEYMARK database on 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
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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 ORMS

### General Data

Power supply	3x400V 50Hz
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### 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
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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
$\eta_s$	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

This information was downloaded from the HP KEYMARK database on 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
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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



<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	79 %
COP	1.98
Standby power input	53.1 W
Mixed water at 40°C	310 l

## Colder Climate

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.53
Standby power input	53.1 W
Mixed water at 40°C	310 l

## Average Climate

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	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 l

## Model: Bosch CS7000iAW 17 ORM

### General Data

Power supply	3x400V 50Hz
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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
$\eta_s$	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
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	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 l



## Model: Bosch CS7000iAW 17 ORB

### General Data

Power supply	3x400V 50Hz
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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
$\eta_s$	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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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
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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
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### 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
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /h

### 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
$\eta_s$	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

This information was downloaded from the HP KEYMARK database on 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
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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

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

	Low temperature	Medium temperature
$\eta_s$	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

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

Poff	35 W	35 W
PTO	21 W	21 W
PSB	35 W	35 W
PCK	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

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
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-17 AWM

### General Data

Power supply	3x400V 50Hz
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### Heating

#### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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

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

	Low temperature	Medium temperature
$\eta_s$	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

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

Poff	35 W	35 W
PTO	21 W	21 W
PSB	35 W	35 W
PCK	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Q <sub>he</sub>	5198 kWh	5869 kWh

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
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 $\eta_{DHW}$	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 l

## Model: Bosch Compress 6000 AW-17 AWMS

### General Data

Power supply	3x400V 50Hz
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### Heating

#### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /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



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

	Low temperature	Medium temperature
$\eta_s$	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
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WTOL	60 °C	60 °C

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PTO	21 W	21 W
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PCK	35 W	35 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Q <sub>he</sub>	5198 kWh	5869 kWh

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	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 l

## Model: Bosch Compress 6000 AW-17 AWE

### General Data

Power supply	3x400V 50Hz
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### Heating

#### EN 14511-2

	Low temperature	Medium temperature
Heat output	4.80 kW	4.22 kW
El input	1.00 kW	1.64 kW
COP	4.82	2.58
Indoor water flow rate	1.05 m <sup>3</sup> /h	0.46 m <sup>3</sup> /h

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