Subtype Split series (14/16KW)	
Certificate Holder	Qingdao Economic & Technology Development Zone Haier Water Heater Co., Ltd.
Address	Haier Industry Park Qingdao Economic & Technology District
ZIP	
City	Shandong
Country	CN
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Split series (14/16KW)
Registration number	011-1W1009
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.85 kg
Certification Date	07.03.2025
Testing basis	HP KEYMARK certification scheme rules rev. 14

Model Indoor HPM14(16)-TND2-WW1 and outdoor HPM14-TND2-H

Model name	Indoor HPM14(16)-TND2-WW1 and outdoor HPM14-TND2-H
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	14.00 kW	14.00 kW
El input	2.66 kW	4.00 kW
COP	5.26	3.50

EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	14.00 kW	14.00 kW
Cooling capacity	4.52	2.80
EER	3.10	5.00

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	14.00 kW	14.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C

TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.42 kW	12.44 kW
COP Tj = -7°C	3.50	2.64
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	7.62 kW	7.53 kW
COP Tj = +2°C	5.08	3.93
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.76 kW	4.93 kW
COP Tj = +7°C	7.44	5.52
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.54 kW	5.31 kW
COP Tj = 12°C	9.78	7.65
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	12.42 kW	12.44 kW
COP Tj = Tbiv	3.50	2.64
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.90 kW	13.88 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.12	2.34
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	15 W	16 W
PTO	15 W	16 W
PSB	15 W	16 W
PCK	76 W	76 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.12 kW
Annual energy consumption Qhe	5319 kWh	6978 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	14.00 kW	14.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	14.29 kW	14.13 kW
EER Tj = 35°C	3.24	5.06
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	10.34 kW	10.46 kW
EER Tj = 30°C	4.60	7.14
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	6.81 kW	6.62 kW
EER Tj = 25°C	6.19	8.68
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.81	11.12
Cdc Tj = 20 °C	0.900	0.900

Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1507 kWh	1044 kWh

Model Indoor HPM14(16)-TND2-WW1 and outdoor HPM16-TND2-H

Model name	Indoor HPM14(16)-TND2-WW1 and outdoor HPM16-TND2-H
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.14 kW	4.61 kW
COP	5.10	3.47

EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	16.00 kW	16.00 kW
Cooling capacity	5.33	3.33
EER	3.00	4.80

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	16.00 kW	16.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C

TOL	-10 °C	-10 °C
Pdh Tj = -7°C	14.07 kW	14.30 kW
COP Tj = -7°C	3.43	2.60
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.72 kW	8.78 kW
COP Tj = +2°C	5.04	4.02
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.52 kW	5.64 kW
COP Tj = +7°C	7.42	5.51
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.55 kW	5.31 kW
COP Tj = 12°C	10.03	7.70
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	14.07 kW	14.30 kW
COP Tj = Tbiv	3.43	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.69 kW	15.89 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.25
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	16 W	16 W
PTO	16 W	16 W
PSB	16 W	16 W
PCK	75 W	75 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.31 kW	0.11 kW
Annual energy consumption Qhe	6076 kWh	7958 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	16.00 kW	16.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	16.00 kW	16.21 kW
EER Tj = 35°C	3.01	4.80
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	11.78 kW	11.88 kW
EER Tj = 30°C	4.43	6.88
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	7.57 kW	7.60 kW
EER Tj = 25°C	6.26	8.81
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.85	11.21
Cdc Tj = 20 °C	0.900	0.900

Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1742 kWh	1198 kWh

Model Indoor HPM14(16)-T200CE-AW1 and outdoor HPM14-TND2-H	
Model name	Indoor HPM14(16)-T200CE-AW1 and outdoor HPM14-TND2-H
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.87
Heating up time	1:35 h:min
Standby power input	28.0 W
Reference hot water temperature	46.6 °C
Mixed water at 40°C	220 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.00 kW	14.00 kW
El input	2.66 kW	4.00 kW
COP	5.26	3.50

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	14.00 kW	14.00 kW
Cooling capacity	4.52	2.80
EER	3.10	5.00

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature

Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	14.00 kW	14.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.42 kW	12.44 kW
COP Tj = -7°C	3.50	2.64
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	7.62 kW	7.53 kW
COP Tj = +2°C	5.08	3.93
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.76 kW	4.93 kW
COP Tj = +7°C	7.44	5.52
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.54 kW	5.31 kW
COP Tj = 12°C	9.78	7.65
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	12.42 kW	12.44 kW
COP Tj = Tbiv	3.50	2.64
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.90 kW	13.88 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.12	2.34
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	15 W	16 W
PTO	15 W	16 W
PSB	15 W	16 W
PCK	76 W	76 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.12 kW
Annual energy consumption Qhe	5319 kWh	6978 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	14.00 kW	14.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	14.29 kW	14.13 kW
EER Tj = 35°C	3.24	5.06
Cdc Tj = 35 °C	0.900	0.900

Pdc Tj = 30°C	10.34 kW	10.46 kW
EER Tj = 30°C	4.60	7.14
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	6.81 kW	6.62 kW
EER Tj = 25°C	6.19	8.68
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.81	11.12
Cdc Tj = 20 °C	0.900	0.900
Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1507 kWh	1044 kWh

Model Indoor HPM14(16)-T200CE-AW1 and outdoor HPM16-TND2-H	
Model name	Indoor HPM14(16)-T200CE-AW1 and outdoor HPM16-TND2-H
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.87
Heating up time	1:35 h:min
Standby power input	28.0 W
Reference hot water temperature	46.6 °C
Mixed water at 40°C	220 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.14 kW	4.61 kW
COP	5.10	3.47

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	16.00 kW	16.00 kW
Cooling capacity	5.33	3.33
EER	3.00	4.80

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature

Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	16.00 kW	16.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	14.07 kW	14.30 kW
COP Tj = -7°C	3.43	2.60
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.72 kW	8.78 kW
COP Tj = +2°C	5.04	4.02
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.52 kW	5.64 kW
COP Tj = +7°C	7.42	5.51
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.55 kW	5.31 kW
COP Tj = 12°C	10.03	7.70
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	14.07 kW	14.30 kW
COP Tj = Tbiv	3.43	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.69 kW	15.89 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.25
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	16 W	16 W
PTO	16 W	16 W
PSB	16 W	16 W
PCK	75 W	75 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.31 kW	0.11 kW
Annual energy consumption Qhe	6076 kWh	7958 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	16.00 kW	16.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	16.00 kW	16.21 kW
EER Tj = 35°C	3.01	4.80
Cdc Tj = 35 °C	0.900	0.900

Pdc Tj = 30°C	11.78 kW	11.88 kW
EER Tj = 30°C	4.43	6.88
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	7.57 kW	7.60 kW
EER Tj = 25°C	6.26	8.81
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.85	11.21
Cdc Tj = 20 °C	0.900	0.900
Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1742 kWh	1198 kWh

Model Indoor HPM14(16)-TND2-WW1(GN) and outdoor HPM14-TND2-H(GN)	
Model name	Indoor HPM14(16)-TND2-WW1(GN) and outdoor HPM14-TND2-H(GN)
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.00 kW	14.00 kW
El input	2.66 kW	4.00 kW
COP	5.26	3.50

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	14.00 kW	14.00 kW
Cooling capacity	4.52	2.80
EER	3.10	5.00

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	14.00 kW	14.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C

TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.42 kW	12.44 kW
COP Tj = -7°C	3.50	2.64
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	7.62 kW	7.53 kW
COP Tj = +2°C	5.08	3.93
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.76 kW	4.93 kW
COP Tj = +7°C	7.44	5.52
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.54 kW	5.31 kW
COP Tj = 12°C	9.78	7.65
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	12.42 kW	12.44 kW
COP Tj = Tbiv	3.50	2.64
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.90 kW	13.88 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.12	2.34
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	15 W	16 W
PTO	15 W	16 W
PSB	15 W	16 W
PCK	76 W	76 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.12 kW
Annual energy consumption Qhe	5319 kWh	6978 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	14.00 kW	14.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	14.29 kW	14.13 kW
EER Tj = 35°C	3.24	5.06
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	10.34 kW	10.46 kW
EER Tj = 30°C	4.60	7.14
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	6.81 kW	6.62 kW
EER Tj = 25°C	6.19	8.68
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.81	11.12
Cdc Tj = 20 °C	0.900	0.900

Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1507 kWh	1044 kWh

Model Indoor HPM14(16)-TND2-WW1(GN) and outdoor HPM16-TND2-H(GN)	
Model name	Indoor HPM14(16)-TND2-WW1(GN) and outdoor HPM16-TND2-H(GN)
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.14 kW	4.61 kW
COP	5.10	3.47

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	16.00 kW	16.00 kW
Cooling capacity	5.33	3.33
EER	3.00	4.80

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	16.00 kW	16.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C

TOL	-10 °C	-10 °C
Pdh Tj = -7°C	14.07 kW	14.30 kW
COP Tj = -7°C	3.43	2.60
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.72 kW	8.78 kW
COP Tj = +2°C	5.04	4.02
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.52 kW	5.64 kW
COP Tj = +7°C	7.42	5.51
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.55 kW	5.31 kW
COP Tj = 12°C	10.03	7.70
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	14.07 kW	14.30 kW
COP Tj = Tbiv	3.43	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.69 kW	15.89 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.25
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	16 W	16 W
PTO	16 W	16 W
PSB	16 W	16 W
PCK	75 W	75 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.31 kW	0.11 kW
Annual energy consumption Qhe	6076 kWh	7958 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	16.00 kW	16.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	16.00 kW	16.21 kW
EER Tj = 35°C	3.01	4.80
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	11.78 kW	11.88 kW
EER Tj = 30°C	4.43	6.88
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	7.57 kW	7.60 kW
EER Tj = 25°C	6.26	8.81
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.85	11.21
Cdc Tj = 20 °C	0.900	0.900

Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1742 kWh	1198 kWh

Model Indoor HPM14(16)-T200CE-AW1(GN) and outdoor HPM14-TND2-H(GN)	
Model name	Indoor HPM14(16)-T200CE-AW1(GN) and outdoor HPM14-TND2-H(GN)
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.87
Heating up time	1:35 h:min
Standby power input	28.0 W
Reference hot water temperature	46.6 °C
Mixed water at 40°C	220 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.00 kW	14.00 kW
El input	2.66 kW	4.00 kW
COP	5.26	3.50

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	14.00 kW	14.00 kW
Cooling capacity	4.52	2.80
EER	3.10	5.00

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature

Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	14.00 kW	14.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.42 kW	12.44 kW
COP Tj = -7°C	3.50	2.64
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	7.62 kW	7.53 kW
COP Tj = +2°C	5.08	3.93
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.76 kW	4.93 kW
COP Tj = +7°C	7.44	5.52
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.54 kW	5.31 kW
COP Tj = 12°C	9.78	7.65
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	12.42 kW	12.44 kW
COP Tj = Tbiv	3.50	2.64
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.90 kW	13.88 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.12	2.34
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	15 W	16 W
PTO	15 W	16 W
PSB	15 W	16 W
PCK	76 W	76 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.12 kW
Annual energy consumption Qhe	5319 kWh	6978 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	14.00 kW	14.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	14.29 kW	14.13 kW
EER Tj = 35°C	3.24	5.06
Cdc Tj = 35 °C	0.900	0.900

Pdc Tj = 30°C	10.34 kW	10.46 kW
EER Tj = 30°C	4.60	7.14
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	6.81 kW	6.62 kW
EER Tj = 25°C	6.19	8.68
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.81	11.12
Cdc Tj = 20 °C	0.900	0.900
Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1507 kWh	1044 kWh

Model Indoor HPM14(16)-T200CE-AW1(GN) and outdoor HPM16-TND2-H(GN)	
Model name	Indoor HPM14(16)-T200CE-AW1(GN) and outdoor HPM16-TND2-H(GN)
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.87
Heating up time	1:35 h:min
Standby power input	28.0 W
Reference hot water temperature	46.6 °C
Mixed water at 40°C	220 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.14 kW	4.61 kW
COP	5.10	3.47

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	16.00 kW	16.00 kW
Cooling capacity	5.33	3.33
EER	3.00	4.80

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature

Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	16.00 kW	16.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	14.07 kW	14.30 kW
COP Tj = -7°C	3.43	2.60
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.72 kW	8.78 kW
COP Tj = +2°C	5.04	4.02
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.52 kW	5.64 kW
COP Tj = +7°C	7.42	5.51
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.55 kW	5.31 kW
COP Tj = 12°C	10.03	7.70
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	14.07 kW	14.30 kW
COP Tj = Tbiv	3.43	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.69 kW	15.89 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.25
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	16 W	16 W
PTO	16 W	16 W
PSB	16 W	16 W
PCK	75 W	75 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.31 kW	0.11 kW
Annual energy consumption Qhe	6076 kWh	7958 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	16.00 kW	16.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	16.00 kW	16.21 kW
EER Tj = 35°C	3.01	4.80
Cdc Tj = 35 °C	0.900	0.900

Pdc Tj = 30°C	11.78 kW	11.88 kW
EER Tj = 30°C	4.43	6.88
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	7.57 kW	7.60 kW
EER Tj = 25°C	6.26	8.81
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.85	11.21
Cdc Tj = 20 °C	0.900	0.900
Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1742 kWh	1198 kWh

Model Indoor KAWM14(16)-TND2-WW1(GN) and outdoor KAWM14-TND2-H(GN)	
Model name	Indoor KAWM14(16)-TND2-WW1(GN) and outdoor KAWM14-TND2-H(GN)
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.00 kW	14.00 kW
El input	2.66 kW	4.00 kW
COP	5.26	3.50

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	14.00 kW	14.00 kW
Cooling capacity	4.52	2.80
EER	3.10	5.00

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	14.00 kW	14.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C

TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.42 kW	12.44 kW
COP Tj = -7°C	3.50	2.64
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	7.62 kW	7.53 kW
COP Tj = +2°C	5.08	3.93
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.76 kW	4.93 kW
COP Tj = +7°C	7.44	5.52
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.54 kW	5.31 kW
COP Tj = 12°C	9.78	7.65
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	12.42 kW	12.44 kW
COP Tj = Tbiv	3.50	2.64
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.90 kW	13.88 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.12	2.34
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	15 W	16 W
PTO	15 W	16 W
PSB	15 W	16 W
PCK	76 W	76 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.12 kW
Annual energy consumption Qhe	5319 kWh	6978 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	14.00 kW	14.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	14.29 kW	14.13 kW
EER Tj = 35°C	3.24	5.06
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	10.34 kW	10.46 kW
EER Tj = 30°C	4.60	7.14
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	6.81 kW	6.62 kW
EER Tj = 25°C	6.19	8.68
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.81	11.12
Cdc Tj = 20 °C	0.900	0.900

Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1507 kWh	1044 kWh

Model Indoor KAWM14(16)-TND2-WW1(GN) and outdoor KAWM16-TND2-H(GN)	
Model name	Indoor KAWM14(16)-TND2-WW1(GN) and outdoor KAWM16-TND2-H(GN)
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.14 kW	4.61 kW
COP	5.10	3.47

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	16.00 kW	16.00 kW
Cooling capacity	5.33	3.33
EER	3.00	4.80

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	16.00 kW	16.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C

TOL	-10 °C	-10 °C
Pdh Tj = -7°C	14.07 kW	14.30 kW
COP Tj = -7°C	3.43	2.60
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.72 kW	8.78 kW
COP Tj = +2°C	5.04	4.02
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.52 kW	5.64 kW
COP Tj = +7°C	7.42	5.51
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.55 kW	5.31 kW
COP Tj = 12°C	10.03	7.70
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	14.07 kW	14.30 kW
COP Tj = Tbiv	3.43	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.69 kW	15.89 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.25
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	16 W	16 W
PTO	16 W	16 W
PSB	16 W	16 W
PCK	75 W	75 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.31 kW	0.11 kW
Annual energy consumption Qhe	6076 kWh	7958 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	16.00 kW	16.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	16.00 kW	16.21 kW
EER Tj = 35°C	3.01	4.80
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	11.78 kW	11.88 kW
EER Tj = 30°C	4.43	6.88
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	7.57 kW	7.60 kW
EER Tj = 25°C	6.26	8.81
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.85	11.21
Cdc Tj = 20 °C	0.900	0.900

Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1742 kWh	1198 kWh

Model Indoor KAWM14(16)-T200CE-AW1(GN) and outdoor KAWM14-TND2-H(GN)	
Model name	Indoor KAWM14(16)-T200CE-AW1(GN) and outdoor KAWM14-TND2-H(GN)
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.87
Heating up time	1:35 h:min
Standby power input	28.0 W
Reference hot water temperature	46.6 °C
Mixed water at 40°C	220 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.00 kW	14.00 kW
El input	2.66 kW	4.00 kW
COP	5.26	3.50

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	14.00 kW	14.00 kW
Cooling capacity	4.52	2.80
EER	3.10	5.00

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature

Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	14.00 kW	14.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.42 kW	12.44 kW
COP Tj = -7°C	3.50	2.64
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	7.62 kW	7.53 kW
COP Tj = +2°C	5.08	3.93
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.76 kW	4.93 kW
COP Tj = +7°C	7.44	5.52
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.54 kW	5.31 kW
COP Tj = 12°C	9.78	7.65
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	12.42 kW	12.44 kW
COP Tj = Tbiv	3.50	2.64
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.90 kW	13.88 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.12	2.34
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	15 W	16 W
PTO	15 W	16 W
PSB	15 W	16 W
PCK	76 W	76 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.12 kW
Annual energy consumption Qhe	5319 kWh	6978 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	14.00 kW	14.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	14.29 kW	14.13 kW
EER Tj = 35°C	3.24	5.06
Cdc Tj = 35 °C	0.900	0.900

Pdc Tj = 30°C	10.34 kW	10.46 kW
EER Tj = 30°C	4.60	7.14
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	6.81 kW	6.62 kW
EER Tj = 25°C	6.19	8.68
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.81	11.12
Cdc Tj = 20 °C	0.900	0.900
Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1507 kWh	1044 kWh

Model Indoor KAWM14(16)-T200CE-AW1(GN) and outdoor KAWM16-TND2-H(GN)	
Model name	Indoor KAWM14(16)-T200CE-AW1(GN) and outdoor KAWM16-TND2-H(GN)
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.87
Heating up time	1:35 h:min
Standby power input	28.0 W
Reference hot water temperature	46.6 °C
Mixed water at 40°C	220 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.14 kW	4.61 kW
COP	5.10	3.47

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	16.00 kW	16.00 kW
Cooling capacity	5.33	3.33
EER	3.00	4.80

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature

Sound power level indoor	34 dB(A)	34 dB(A)
Sound power level outdoor	55 dB(A)	55 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	160 %
Prated	16.00 kW	16.00 kW
SCOP	5.33	4.08
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	14.07 kW	14.30 kW
COP Tj = -7°C	3.43	2.60
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.72 kW	8.78 kW
COP Tj = +2°C	5.04	4.02
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.52 kW	5.64 kW
COP Tj = +7°C	7.42	5.51
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	5.55 kW	5.31 kW
COP Tj = 12°C	10.03	7.70
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	14.07 kW	14.30 kW
COP Tj = Tbiv	3.43	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.69 kW	15.89 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.25
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	85 °C	85 °C
Poff	16 W	16 W
PTO	16 W	16 W
PSB	16 W	16 W
PCK	75 W	75 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.31 kW	0.11 kW
Annual energy consumption Qhe	6076 kWh	7958 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	16.00 kW	16.00 kW
SEER	5.50	8.00
Pdc Tj = 35°C	16.00 kW	16.21 kW
EER Tj = 35°C	3.01	4.80
Cdc Tj = 35 °C	0.900	0.900

Pdc Tj = 30°C	11.78 kW	11.88 kW
EER Tj = 30°C	4.43	6.88
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	7.57 kW	7.60 kW
EER Tj = 25°C	6.26	8.81
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	4.15 kW	5.45 kW
EER Tj = 20°C	7.85	11.21
Cdc Tj = 20 °C	0.900	0.900
Poff	17 W	17 W
PTO	18 W	18 W
PSB	17 W	17 W
PCK	0 W	0 W
Annual energy consumption Qce	1742 kWh	1198 kWh