

Subtype Versati monobloc G3/G4 4/6k

Certificate Holder	Gree Electric Appliances, Inc. of Zhuhai
Address	West Jinji Rd
ZIP	519070
City	Qianshan, Zhuhai, Guangdong
Country	CN
Certification Body	BRE Global Limited
Subtype title	Versati monobloc G3/G4 4/6k
Registration number	041-K004-12
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	0.95 kg
Certification Date	24.10.2022
Testing basis	Heat Pump Keymark Scheme Rules Rev 09

Model GRS-CQ4.0Pd/NhG3-E+SXTVD300LC/B-E

Model name	GRS-CQ4.0Pd/NhG3-E+SXTVD300LC/B-E
Application	Heating + DHW + low temp
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	XL
Efficiency η_{DHW}	128 %
COP	3.06
Heating up time	4h33min h:min
Standby power input	48.3 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	333 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	90 %
COP	2.16
Heating up time	6:36 h:min
Standby power input	62.8 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	321 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	120 %
COP	3.34
Heating up time	4:9 h:min
Standby power input	30.0 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	326 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	5.00 kW	4.80 kW
El input	0.93 kW	1.48 kW
COP	5.40	3.25

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	192 %	137 %
Prated	5.00 kW	5.00 kW
SCOP	4.88	3.50
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.30 kW
COP Tj = -7°C	3.43	2.47
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.10 kW	2.70 kW
COP Tj = +2°C	4.83	3.19
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	1.90 kW	1.70 kW
COP Tj = +7°C	5.95	4.89
Cdh Tj = +7 °C	0.950	0.950
Pdh Tj = 12°C	1.70 kW	1.60 kW
COP Tj = 12°C	8.49	6.61
Cdh Tj = +12 °C	0.940	0.940
Pdh Tj = Tbiv	4.80 kW	4.30 kW
COP Tj = Tbiv	3.43	2.47
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.40 kW	3.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.46	1.56
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W

Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.60 kW	1.40 kW
Annual energy consumption Q _{he}	2306 kWh	2882 kWh

EN 14825 | Colder Climate

	Low temperature	Medium temperature
η_s	168 %	112 %
Prated	5.00 kW	4.00 kW
SCOP	4.28	2.88
T _{biv}	-15 °C	-15 °C
TOL	-22 °C	-22 °C
P _{dh} T _j = -7°C	2.90 kW	2.60 kW
COP T _j = -7°C	3.43	2.05
C _{dh} T _j = -7 °C	0.990	0.990
P _{dh} T _j = +2°C	1.80 kW	1.60 kW
COP T _j = +2°C	5.41	3.77
C _{dh} T _j = +2 °C	0.970	0.970
P _{dh} T _j = +7°C	1.30 kW	1.30 kW
COP T _j = +7°C	6.24	5.15
C _{dh} T _j = +7 °C	0.950	0.950
P _{dh} T _j = 12°C	1.50 kW	1.50 kW
COP T _j = 12°C	8.38	7.21
C _{dh} T _j = +12 °C	0.950	0.950
P _{dh} T _j = T _{biv}	3.70 kW	3.50 kW
COP T _j = T _{biv}	2.85	1.76
P _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	3.20 kW	2.50 kW
COP T _j = TOL or COP T _j = T _{designh} if TOL < T _{designh}	1.65	1.20
C _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	0.990	0.990
WTOL	65 °C	65 °C
P _{off}	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	1.50 kW
Annual energy consumption Q _{he}	2630 kWh	3721 kWh
P _{dh} T _j = -15°C (if TOL	3.70	3.50
COP T _j = -15°C (if TOL	2.85	1.76
C _{dh} T _j = -15 °C	0.980	0.990

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
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η_s	239 %	170 %
Prated	5.00 kW	5.00 kW
SCOP	6.05	4.33
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.10 kW	5.20 kW
COP Tj = +2°C	3.85	2.44
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	5.80	3.67
Cdh Tj = +7 °C	0.980	0.980
Pdh Tj = 12°C	1.50 kW	1.50 kW
COP Tj = 12°C	7.20	5.79
Cdh Tj = +12 °C	0.950	0.950
Pdh Tj = Tbiv	5.10 kW	5.20 kW
COP Tj = Tbiv	3.85	2.44
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.10 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.85	2.44
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.980	0.990
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1124 kWh	1604 kWh

Model GRS-CQ6.0Pd/NhG3-E+SXTVD300LC/B-E

Model name	GRS-CQ6.0Pd/NhG3-E+SXTVD300LC/B-E
Application	Heating + DHW + low temp
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	XL
Efficiency η_{DHW}	128 %
COP	3.06
Heating up time	4h33min h:min
Standby power input	48.3 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	333 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	90 %
COP	2.16
Heating up time	6:36 h:min
Standby power input	62.8 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	321 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	120 %
COP	3.34
Heating up time	4:9 h:min
Standby power input	30.0 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	326 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	6.00 kW	5.80 kW
El input	1.11 kW	1.84 kW
COP	5.41	3.15

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	199 %	137 %
Prated	6.00 kW	5.00 kW
SCOP	5.05	3.50
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.30 kW
COP Tj = -7°C	3.22	2.47
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.40 kW	2.70 kW
COP Tj = +2°C	4.86	3.19
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.00 kW	1.70 kW
COP Tj = +7°C	7.09	4.89
Cdh Tj = +7 °C	0.950	0.950
Pdh Tj = 12°C	1.70 kW	1.60 kW
COP Tj = 12°C	8.49	6.61
Cdh Tj = +12 °C	0.940	0.940
Pdh Tj = Tbiv	5.10 kW	4.30 kW
COP Tj = Tbiv	3.22	2.47
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.40 kW	3.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.46	1.56
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W

Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	1.40 kW
Annual energy consumption Q _{he}	2386 kWh	2882 kWh

EN 14825 | Colder Climate

	Low temperature	Medium temperature
η_s	164 %	120 %
Prated	5.00 kW	5.00 kW
SCOP	4.18	3.08
T _{biv}	-15 °C	-15 °C
TOL	-22 °C	-22 °C
P _{dh} T _j = -7°C	3.20 kW	3.30 kW
COP T _j = -7°C	3.47	2.55
C _{dh} T _j = -7 °C	0.990	0.990
P _{dh} T _j = +2°C	1.90 kW	1.80 kW
COP T _j = +2°C	5.18	3.67
C _{dh} T _j = +2 °C	0.970	0.970
P _{dh} T _j = +7°C	1.30 kW	1.30 kW
COP T _j = +7°C	6.24	5.15
C _{dh} T _j = +7 °C	0.950	0.950
P _{dh} T _j = 12°C	1.50 kW	1.50 kW
COP T _j = 12°C	8.38	7.21
C _{dh} T _j = +12 °C	0.950	0.950
P _{dh} T _j = T _{biv}	3.90 kW	4.00 kW
COP T _j = T _{biv}	2.77	1.91
P _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	3.20 kW	2.50 kW
COP T _j = TOL or COP T _j = T _{designh} if TOL < T _{designh}	1.65	1.20
C _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	0.990	0.990
WTOL	65 °C	65 °C
P _{off}	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	2.50 kW
Annual energy consumption Q _{he}	2825 kWh	3976 kWh
P _{dh} T _j = -15°C (if TOL	3.90	4.00
COP T _j = -15°C (if TOL	2.77	1.91
C _{dh} T _j = -15 °C	0.980	0.990

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
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η_s	239 %	183 %
Prated	5.00 kW	6.00 kW
SCOP	6.05	4.65
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.10 kW	6.00 kW
COP Tj = +2°C	3.85	2.50
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.40 kW	3.90 kW
COP Tj = +7°C	5.80	4.00
Cdh Tj = +7 °C	0.980	0.980
Pdh Tj = 12°C	1.50 kW	1.70 kW
COP Tj = 12°C	7.20	6.13
Cdh Tj = +12 °C	0.950	0.950
Pdh Tj = Tbiv	5.10 kW	6.00 kW
COP Tj = Tbiv	3.85	2.50
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.10 kW	6.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.85	2.50
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.980	0.990
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1124 kWh	1722 kWh

Model GRS-CQ4.0Pd/NhG4-E+SXTVD300LC/B-E

Model name	GRS-CQ4.0Pd/NhG4-E+SXTVD300LC/B-E
Application	Heating + DHW + low temp
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	XL
Efficiency η_{DHW}	128 %
COP	3.06
Heating up time	4h33min h:min
Standby power input	48.3 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	333 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	90 %
COP	2.16
Heating up time	6:36 h:min
Standby power input	62.8 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	321 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	120 %
COP	3.34
Heating up time	4:9 h:min
Standby power input	30.0 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	326 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	5.00 kW	4.80 kW
El input	0.93 kW	1.48 kW
COP	5.40	3.25

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	192 %	137 %
Prated	5.00 kW	5.00 kW
SCOP	4.88	3.50
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.30 kW
COP Tj = -7°C	3.43	2.47
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.10 kW	2.70 kW
COP Tj = +2°C	4.83	3.19
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	1.90 kW	1.70 kW
COP Tj = +7°C	5.95	4.89
Cdh Tj = +7 °C	0.950	0.950
Pdh Tj = 12°C	1.70 kW	1.60 kW
COP Tj = 12°C	8.49	6.61
Cdh Tj = +12 °C	0.940	0.940
Pdh Tj = Tbiv	4.80 kW	4.30 kW
COP Tj = Tbiv	3.43	2.47
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.40 kW	3.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.46	1.56
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W

Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.60 kW	1.40 kW
Annual energy consumption Q _{he}	2306 kWh	2882 kWh

EN 14825 | Colder Climate

	Low temperature	Medium temperature
η_s	168 %	112 %
Prated	5.00 kW	4.00 kW
SCOP	4.28	2.88
T _{biv}	-15 °C	-15 °C
TOL	-22 °C	-22 °C
P _{dh} T _j = -7°C	2.90 kW	2.60 kW
COP T _j = -7°C	3.43	2.05
C _{dh} T _j = -7 °C	0.990	0.990
P _{dh} T _j = +2°C	1.80 kW	1.60 kW
COP T _j = +2°C	5.41	3.77
C _{dh} T _j = +2 °C	0.970	0.970
P _{dh} T _j = +7°C	1.30 kW	1.30 kW
COP T _j = +7°C	6.24	5.15
C _{dh} T _j = +7 °C	0.950	0.950
P _{dh} T _j = 12°C	1.50 kW	1.50 kW
COP T _j = 12°C	8.38	7.21
C _{dh} T _j = +12 °C	0.950	0.950
P _{dh} T _j = T _{biv}	3.70 kW	3.50 kW
COP T _j = T _{biv}	2.85	1.76
P _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	3.20 kW	2.50 kW
COP T _j = TOL or COP T _j = T _{designh} if TOL < T _{designh}	1.65	1.20
C _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	0.990	0.990
WTOL	65 °C	65 °C
P _{off}	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	1.50 kW
Annual energy consumption Q _{he}	2630 kWh	3721 kWh
P _{dh} T _j = -15°C (if TOL	3.70	3.50
COP T _j = -15°C (if TOL	2.85	1.76
C _{dh} T _j = -15 °C	0.980	0.990

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
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η_s	239 %	170 %
Prated	5.00 kW	5.00 kW
SCOP	6.05	4.33
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.10 kW	5.20 kW
COP Tj = +2°C	3.85	2.44
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	5.80	3.67
Cdh Tj = +7 °C	0.980	0.980
Pdh Tj = 12°C	1.50 kW	1.50 kW
COP Tj = 12°C	7.20	5.79
Cdh Tj = +12 °C	0.950	0.950
Pdh Tj = Tbiv	5.10 kW	5.20 kW
COP Tj = Tbiv	3.85	2.44
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WTOL	65 °C	65 °C
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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1124 kWh	1604 kWh

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Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

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Efficiency η_{DHW}	128 %
COP	3.06
Heating up time	4h33min h:min
Standby power input	48.3 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	333 l

EN 16147 | Colder Climate

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Heating up time	6:36 h:min
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COP	3.34
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Standby power input	30.0 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	326 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	6.00 kW	5.80 kW
El input	1.11 kW	1.84 kW
COP	5.41	3.15
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	58 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
η_s	199 %	137 %
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SCOP	5.05	3.50
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.30 kW
COP Tj = -7°C	3.22	2.47
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.40 kW	2.70 kW
COP Tj = +2°C	4.86	3.19
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.00 kW	1.70 kW
COP Tj = +7°C	7.09	4.89
Cdh Tj = +7 °C	0.950	0.950
Pdh Tj = 12°C	1.70 kW	1.60 kW
COP Tj = 12°C	8.49	6.61
Cdh Tj = +12 °C	0.940	0.940
Pdh Tj = Tbiv	5.10 kW	4.30 kW
COP Tj = Tbiv	3.22	2.47
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.40 kW	3.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.46	1.56
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W

Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	1.40 kW
Annual energy consumption Q _{he}	2386 kWh	2882 kWh

EN 14825 | Colder Climate

	Low temperature	Medium temperature
η_s	164 %	120 %
Prated	5.00 kW	5.00 kW
SCOP	4.18	3.08
T _{biv}	-15 °C	-15 °C
TOL	-22 °C	-22 °C
P _{dh} T _j = -7°C	3.20 kW	3.30 kW
COP T _j = -7°C	3.47	2.55
C _{dh} T _j = -7 °C	0.990	0.990
P _{dh} T _j = +2°C	1.90 kW	1.80 kW
COP T _j = +2°C	5.18	3.67
C _{dh} T _j = +2 °C	0.970	0.970
P _{dh} T _j = +7°C	1.30 kW	1.30 kW
COP T _j = +7°C	6.24	5.15
C _{dh} T _j = +7 °C	0.950	0.950
P _{dh} T _j = 12°C	1.50 kW	1.50 kW
COP T _j = 12°C	8.38	7.21
C _{dh} T _j = +12 °C	0.950	0.950
P _{dh} T _j = T _{biv}	3.90 kW	4.00 kW
COP T _j = T _{biv}	2.77	1.91
P _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	3.20 kW	2.50 kW
COP T _j = TOL or COP T _j = T _{designh} if TOL < T _{designh}	1.65	1.20
C _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	0.990	0.990
WTOL	65 °C	65 °C
P _{off}	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	2.50 kW
Annual energy consumption Q _{he}	2825 kWh	3976 kWh
P _{dh} T _j = -15°C (if TOL	3.90	4.00
COP T _j = -15°C (if TOL	2.77	1.91
C _{dh} T _j = -15 °C	0.980	0.990

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
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η_s	239 %	183 %
Prated	5.00 kW	6.00 kW
SCOP	6.05	4.65
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.10 kW	6.00 kW
COP Tj = +2°C	3.85	2.50
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.40 kW	3.90 kW
COP Tj = +7°C	5.80	4.00
Cdh Tj = +7 °C	0.980	0.980
Pdh Tj = 12°C	1.50 kW	1.70 kW
COP Tj = 12°C	7.20	6.13
Cdh Tj = +12 °C	0.950	0.950
Pdh Tj = Tbiv	5.10 kW	6.00 kW
COP Tj = Tbiv	3.85	2.50
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.10 kW	6.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.85	2.50
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.980	0.990
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	25 W	25 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1124 kWh	1722 kWh