Subtype Versati monobloc 26/30kw

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 26/30kw
Registration number	041-K004-35
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	5 kg
Certification Date	17.06.2025
Testing basis	Heat Pump Keymark Scheme Rules Rev 15
Testing laboratory	Intertek Testing Services Shenzhen LTD. Guangzhou Branch, CN

Model GRS-CQ26Pd/NhA-M	
Model name	GRS-CQ26Pd/NhA-M
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, Warmer
Reversibility	Yes
Cooling mode application (optional)	n/a
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	26.00 kW	26.00 kW
El input	5.98 kW	9.81 kW
COP	4.35	2.65

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	65 dB(A)	65 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	181 %	127 %
Prated	26.00 kW	27.00 kW
SCOP	4.60	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	22.71 kW	23.98 kW
COP Tj = -7°C	2.53	1.85
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	15.11 kW	15.24 kW
COP Tj = +2°C	4.56	3.13
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	9.70 kW	9.65 kW

COP Tj = +7°C	6.09	4.58
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	8.09 kW	7.05 kW
COP Tj = 12°C	8.55	5.66
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	22.71 kW	23.98 kW
COP Tj = Tbiv	2.53	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	25.36 kW	24.81 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.62
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.64 kW	2.19 kW
Annual energy consumption Qhe	11509 kWh	17225 kWh

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	137 %	105 %
Prated	26.00 kW	26.00 kW
SCOP	3.50	2.70
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	17.11 kW	16.91 kW
COP Tj = -7°C	2.75	2.17
Cdh Tj = -7 °C	0.980	0.980
Pdh Tj = +2°C	10.39 kW	10.52 kW
COP Tj = +2°C	4.13	3.21
Cdh Tj = +2 °C	0.940	0.940
Pdh Tj = +7°C	6.71 kW	6.46 kW
COP Tj = +7°C	5.95	4.29
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	7.03 kW	7.13 kW
COP Tj = 12°C	7.74	5.53
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	21.17 kW	21.35 kW
COP Tj = Tbiv	2.29	1.69
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	19.57 kW	19.47 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.77	1.27
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	6.43 kW	6.53 kW
Annual energy consumption Qhe	18275 kWh	23853 kWh
Pdh Tj = -15°C (if TOL	21.17	21.35
COP Tj = -15°C (if TOL	2.29	1.69
Cdh Tj = -15 °C		

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	252 %	163 %
Prated	27.00 kW	27.00 kW
SCOP	6.38	4.15
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	27.12 kW	27.02 kW
COP Tj = +2°C	3.00	2.00
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	18.36 kW	17.95 kW
COP Tj = +7°C	5.25	3.70
Cdh Tj = +7 °C	0.970	0.970
Pdh Tj = 12°C	8.25 kW	7.99 kW
COP Tj = 12°C	8.67	5.20
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	27.12 kW	27.02 kW
COP Tj = Tbiv	3.00	2.00
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	27.12 kW	27.02 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.00	2.00
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	0 W	0 W

Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5677 kWh	8657 kWh

Model GRS-CQ30Pd/NhA-M	
Model name	GRS-CQ30Pd/NhA-M
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, Warmer
Reversibility	Yes
Cooling mode application (optional)	n/a
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	30.00 kW	30.00 kW
El input	6.90 kW	11.32 kW
COP	4.35	2.65

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	65 dB(A)	65 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	183 %	127 %
Prated	30.00 kW	30.00 kW
SCOP	4.65	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	26.79 kW	26.71 kW
COP Tj = -7°C	2.75	1.91
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	15.89 kW	15.24 kW
COP Tj = +2°C	4.55	3.13
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	9.70 kW	9.65 kW

COP Tj = +7°C	6.09	4.58
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	8.25 kW	7.09 kW
COP Tj = 12°C	8.67	5.80
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	26.79 kW	26.71 kW
COP Tj = Tbiv	2.75	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	27.86 kW	24.81 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.62
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.14 kW	5.19 kW
Annual energy consumption Qhe	13404 kWh	19093 kWh

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	136 %	105 %
Prated	29.00 kW	29.00 kW
SCOP	3.48	2.70
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	17.11 kW	18.25 kW
COP Tj = -7°C	2.75	2.17
Cdh Tj = -7 °C	0.980	0.980
Pdh Tj = +2°C	11.31 kW	10.52 kW
COP Tj = +2°C	4.13	3.21
Cdh Tj = +2 °C	0.940	0.940
Pdh Tj = +7°C	7.02 kW	6.85 kW
COP Tj = +7°C	5.93	4.27
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	7.03 kW	7.13 kW
COP Tj = 12°C	7.74	5.59
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	23.68 kW	23.78 kW
COP Tj = Tbiv	2.31	1.69
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	19.57 kW	19.47 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.77	1.27
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.43 kW	9.53 kW
Annual energy consumption Qhe	20468 kWh	26609 kWh
Pdh Tj = -15°C (if TOL	23.68	23.78
COP Tj = -15°C (if TOL	2.31	1.69
Cdh Tj = -15 °C		

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	251 %	166 %
Prated	31.00 kW	30.00 kW
SCOP	6.35	4.23
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	31.52 kW	29.84 kW
COP Tj = +2°C	2.82	1.98
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	18.36 kW	17.95 kW
COP Tj = +7°C	5.25	3.70
Cdh Tj = +7 °C	0.970	0.970
Pdh Tj = 12°C	8.25 kW	8.77 kW
COP Tj = 12°C	8.67	5.38
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	31.52 kW	29.84 kW
COP Tj = Tbiv	2.82	1.98
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	31.52 kW	29.84 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.82	1.98
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	65 °C	65 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	0 W	0 W

Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6631 kWh	9416 kWh