

Subtype Versati monobloc G1 16kW

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 G1 16kW
Registration number	041-K004-07
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	2.2 kg
Certification Date	18.01.2021
Testing basis	Scheme Rules Rev 08
Testing laboratory	TÜV SÜD Certification and Testing Co., Ltd. Guangzhou Branch, CN

**Model GRS-CQ16Pd/NhG2-K+SXTVD300LC/B-E**

Model name	GRS-CQ16Pd/NhG2-K+SXTVD300LC/B-E
Application	Heating + DHW
Units	Outdoor
Climate zone (for heating)	n/a
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 $\eta_{DHW}$	110 %
COP	2.62
Heating up time	1:52 h:min
Standby power input	62.6 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	372 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	16.71 kW	
El input	5.90 kW	
COP	2.83	

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level outdoor	72 dB(A)	

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	126 %	
Prated	13.00 kW	

SCOP	3.24
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	11.98 kW
COP Tj = -7°C	2.05
Cdh Tj = -7 °C	0.98
Pdh Tj = +2°C	7.41 kW
COP Tj = +2°C	3.19
Cdh Tj = +2 °C	0.98
Pdh Tj = +7°C	5.70 kW
COP Tj = +7°C	4.18
Cdh Tj = +7 °C	0.98
Pdh Tj = 12°C	6.38 kW
COP Tj = 12°C	5.14
Cdh Tj = +12 °C	0.98
Pdh Tj = Tbiv	11.98 kW
COP Tj = Tbiv	2.05
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.41 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.78
WTOL	55 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	2.59 kW
Annual energy consumption Qhe	8292 kWh

**Model GRS-CQ16Pd/NhG2-M+SXTVD300LC/B-M**

Model name	GRS-CQ16Pd/NhG2-M+SXTVD300LC/B-M
Application	Heating + DHW
Units	Outdoor
Climate zone (for heating)	n/a
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

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COP	2.62
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Any additional heat sources	n/a

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Off-peak product	n/a

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Supplementary Heater: PSUP	2.59 kW
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**Model GRS-CQ16Pd/NhG2-M**

Model name	GRS-CQ16Pd/NhG2-M
Application	Heating + DHW
Units	Outdoor
Climate zone (for heating)	n/a
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

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