

This information was generated by the HP KEYMARK database on 18 Mar 2022

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Summary of	Versati monobloc G1 16kW	Reg. No.	041-K004-07
Certificate Holder			
Name	Gree Electric Appliances, Inc. of Zhuhai		
Address	West Jinji Rd	Zip	519070
City	Qianshan, Zhuhai, Guangdong	Country	China
Certification Body	BRE Global Limited		
Subtype title	Versati monobloc G1 16kW		
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		

# Model: GRS-CQ16Pd/NhG2-K+SXTVD300LC/B-E

Configure model	
Model name	GRS-CQ16Pd/NhG2-K+SXTVD300LC/B-E
Application	Heating + DHW
Units	Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

## Heating

EN 14511-2	
	Medium temperature
Heat output	16.71 kW
El input	5.90 kW
COP	2.83

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

## Average Climate

### EN 12102-1

#### Medium temperature

Sound power level outdoor

72 dB(A)

### EN 14825

#### 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

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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

## Domestic Hot Water (DHW)

### Average Climate

This information was generated by the HP KEYMARK database on 18 Mar 2022

<b>EN 16147</b>	
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

# Model: GRS-CQ16Pd/NhG2-M+SXTVD300LC/B-M

Configure model	
Model name	GRS-CQ16Pd/NhG2-M+SXTVD300LC/B-M
Application	Heating + DHW
Units	Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a

General Data	
Power supply	3x400V 50Hz

## Heating

EN 14511-2	
	Medium temperature
Heat output	16.71 kW
El input	5.90 kW
COP	2.83

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Complete power supply failure	passed
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Starting and operating test	passed

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