

This information was generated by the HP KEYMARK database on 5 Mar 2021

Summary of	Versati Split G1 8-10kW	Reg. No.	041-K004-09
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 Split G1 8-10kW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	1.6 kg		
Certification Date	20.01.2021		
Testing basis	HP Keymark Scheme Rules Rev 08		

# Model: GRS-CQ8.0Pd/NhH-E+SXTVD300LC/B-E

## General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-2

	Medium temperature
Heat output	7.98 kW
El input	2.60 kW
COP	3.06

### 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

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### EN 12102-1

#### Medium temperature

Sound power level indoor

42 dB(A)

Sound power level outdoor

67 dB(A)

### EN 14825

#### Medium temperature

 $\eta_s$ 

129 %

Prated

7.00 kW

SCOP

3.31

Tbiv

-7 °C

TOL

-10 °C

Pdh Tj = -7°C

6.34 kW

COP Tj = -7°C

2.24

Cdh

0.99

Pdh Tj = +2°C

4.08 kW

COP Tj = +2°C

3.18

Cdh

0.98

Pdh Tj = +7°C

4.26 kW

COP Tj = +7°C

4.26

Cdh

0.97

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Pdh Tj = 12°C	5.01 kW
COP Tj = 12°C	5.93
Cdh	0.97
Pdh Tj = Tbiv	6.34 kW
COP Tj = Tbiv	2.24
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.29 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.79
WTOL	60 °C
Poff	25 W
PTO	25 W
PSB	25 W
PCK	25 W
Supplementary Heater: Type of energy input	electricity
Supplementary Heater: PSUP	0.70 kW
Annual energy consumption Qhe	4371 kWh

## Domestic Hot Water (DHW)

### Average Climate

<b>EN 16147</b>	
Declared load profile	XL
Efficiency $\eta_{DHW}$	116 %
COP	2.76
Heating up time	2.7 h:min
Standby power input	54.5 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	341 l

# Model: GRS-CQ10Pd/NhH-E+SXTVD300LC/B-E

## General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-2

	Medium temperature
Heat output	9.47 kW
El input	3.12 kW
COP	3.04

### 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

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### EN 12102-1

	Medium temperature
Sound power level indoor	42 dB(A)
Sound power level outdoor	68 dB(A)

### EN 14825

	Medium temperature
$\eta_s$	127 %
Prated	8.00 kW
SCOP	3.25
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	6.91 kW
COP Tj = -7°C	2.12
Cdh	0.99
Pdh Tj = +2°C	4.22 kW
COP Tj = +2°C	3.09
Cdh	0.98
Pdh Tj = +7°C	4.27 kW
COP Tj = +7°C	4.34
Cdh	0.97

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Pdh Tj = 12°C	4.91 kW
COP Tj = 12°C	5.91
Cdh	0.97
Pdh Tj = Tbiv	6.91 kW
COP Tj = Tbiv	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.85 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.75
WTOL	60 °C
Poff	25 W
PTO	25 W
PSB	25 W
PCK	25 W
Supplementary Heater: Type of energy input	electricity
Supplementary Heater: PSUP	1.20 kW
Annual energy consumption Qhe	5091 kWh

## Domestic Hot Water (DHW)

### Average Climate



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<b>EN 16147</b>	
Declared load profile	XL
Efficiency $\eta_{DHW}$	116 %
COP	2.76
Heating up time	2.7 h:min
Standby power input	54.5 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	341 l