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#### This information was generated by the HP KEYMARK database on 22 Jun 2022

#### <u>Login</u>

Summary of	Versati Split G1 4-6kW	Reg. No.	041-K004-08
Certificate Holder			
Name	Gree Electric Appliances, Inc. of Zhuh	Gree Electric Appliances, Inc. of Zhuhai	
Address	West Jinji Rd	Zip	519070
City	Qianshan, Zhuhai, Guangdong	Country	China
Certification Body	BRE Global Limited	BRE Global Limited	
Subtype title	Versati Split G1 4-6kW	Versati Split G1 4-6kW	
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water	
Refrigerant	R32	R32	
Mass of Refrigerant	1 kg		
Certification Date	20.01.2021	20.01.2021	
Testing basis	HP Keymark Scheme Rules Rev 08		



# Model: GRS-CQ4.0Pd/NhH-E+SXTVD300LC/B-E

Configure model		
Model name	GRS-CQ4.0Pd/NhH-E+SXTVD300LC/B-E	
Application	Heating + DHW	
Units	Indoor + 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	3.60 kW
El input	1.31 kW
СОР	2.75

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



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EN 12102-1	
	Medium temperature
Sound power level indoor	42 dB(A)
Sound power level outdoor	62 dB(A)

EN 14825		
	Medium temperature	
$\eta_s$	128 %	
Prated	5.00 kW	
SCOP	3.27	
Tbiv	-7 °C	
TOL	-10 °C	
Pdh Tj = -7°C	4.02 kW	
COP Tj = -7°C	2.03	
Cdh Tj = -7 °C	0.99	
Pdh Tj = +2°C	2.64 kW	
COP Tj = +2°C	3.27	
Cdh Tj = +2 °C	0.97	
Pdh Tj = +7°C	2.33 kW	
$COP Tj = +7^{\circ}C$	4.30	
Cdh Tj = +7 °C	0.95	

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Pdh Tj = 12°C	2.78 kW
COP Tj = 12°C	6.00
Cdh Tj = +12 °C	0.95
Pdh Tj = Tbiv	4.02 kW
COP Tj = Tbiv	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.38
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	3152 kWh

## Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	122 %	
СОР	2.92	
Heating up time	3.14 h:min	
Standby power input	52.3 W	
Reference hot water temperature	51.7 °C	
Mixed water at 40°C	325 I	



# Model: GRS-CQ6.0Pd/NhH-E+SXTVD300LC/B-E

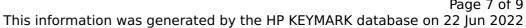
Configure model		
Model name GRS-CQ6.0Pd/NhH-E+SXTVD300LC/B-E		
Application	Heating + DHW	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

General Data		
Power supply 1x230V 50Hz		

### Heating

EN 14511-2	
Medium temperature	
Heat output	5.61 kW
El input	1.93 kW
СОР	2.90

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



EN 12102-1		
	Medium temperature	
Sound power level indoor	42 dB(A)	
Sound power level outdoor	62 dB(A)	

CEN heat pump KEYMARK

EN 14825		
	Medium temperature	
$\eta_{s}$	127 %	
Prated	5.00 kW	
SCOP	3.27	
Tbiv	-7 °C	
TOL	-10 °C	
Pdh Tj = -7°C	4.02 kW	
COP Tj = -7°C	2.03	
Cdh Tj = -7 °C	0.99	
Pdh Tj = +2°C	2.64 kW	
COP Tj = +2°C	3.27	
Cdh Tj = +2 °C	0.97	
Pdh Tj = +7°C	2.40 kW	
COP Tj = +7°C	4.20	
Cdh Tj = +7 °C	0.96	

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Pdh Tj = 12°C	2.78 kW
COP Tj = 12°C	6.00
Cdh Tj = +12 °C	0.95
Pdh Tj = Tbiv	4.02 kW
COP Tj = Tbiv	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.38
WTOL	60 °C
Poff	25 W
РТО	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	3169 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	122 %	
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