Login

Summary of	Versati monobloc G1 12kW	Reg. No.	041-K004-05
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 12kW		
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-CQ12Pd/NhG2-K+SXTVD300LC/B-E

Configure model	
Model name	GRS-CQ12Pd/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	10.50 kW
El input	4.12 kW
COP	2.55

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	69 dB(A)

EN 14825	
	Medium temperature
η_s	126 %
Prated	10.00 kW
SCOP	3.23
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	8.40 kW
COP Tj = -7°C	2.05
Cdh Tj = -7 °C	0.98
Pdh Tj = +2°C	5.50 kW
COP Tj = +2°C	3.15
Cdh Tj = +2 °C	0.98
Pdh Tj = +7°C	5.76 kW
COP Tj = +7°C	4.24
Cdh Tj = +7 °C	0.98
Pdh Tj = 12°C	6.36 kW

COP Tj = 12°C	5.06
Cdh Tj = +12 °C	0.98
Pdh Tj = Tbiv	8.40 kW
COP Tj = Tbiv	2.05
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.75
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	0.20 kW
Annual energy consumption Qhe	6406 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147

Declared load profile	XL
Efficiency ηDHW	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-CQ12Pd/NhG2-M+SXTVD300LC/B-M

Configure model	
Model name	GRS-CQ12Pd/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	10.50 kW
El input	4.12 kW
COP	2.55

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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