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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	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	
СОР	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	



EN 12102-1	
Medium temperature	
Sound power level outdoor	72 dB(A)

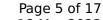
EN 14825		
	Medium temperature	
η_{s}	126 %	
Prated	13.00 kW	
SCOP	3.24	
Tbiv	-7 °C	
TOL	-10 °C	
Pdh Tj = -7°C	11.98 kW	
COP Tj = -7°C	2.05	
Cdh Tj = -7 °C	0.98	
Pdh Tj = $+2$ °C	7.41 kW	
$COP Tj = +2^{\circ}C$	3.19	
Cdh Tj = $+2$ °C	0.98	
Pdh Tj = $+7^{\circ}$ C	5.70 kW	
$COP Tj = +7^{\circ}C$	4.18	
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
РТО	18 W
PSB	18 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	2.59 kW
Annual energy consumption Qhe	8292 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	110 %	
СОР	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 I	



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

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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
СОР	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



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Sound power level outdoor	72 dB(A)

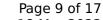
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Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a

General Data		
Power supply	1x230V 50Hz	

Heating

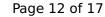
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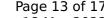
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General Data		
Power supply 3x400V 50Hz		

Heating

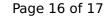
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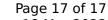
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