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

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	Ar Exterior/Água		
Refrigerant	R32		
Mass Of Refrigerant	2.2 kg		
Certification Date	18.01.2021		
Testing basis	Scheme Rules Rev 08		

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

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2	
	Medium temperature
Potencia útil	16.71 kW
Potencia absorvida	5.90 kW
COP	2.83

EN 14511-4	
desligar circulação do meio de transferência de calor	passed
falha total da fonte de alimentação	passed
teste de descongelamento	passed
Starting and operating test	passed

Average Climate

EN 12102-1	
	Medium temperature
Nivel de Potência sonora exterior	72 dB(A)

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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	0.98
Pdh Tj = +2°C	7.41 kW
COP Tj = +2°C	3.19
Cdh	0.98
Pdh Tj = +7°C	5.70 kW
COP Tj = +7°C	4.18
Cdh	0.98
Pdh Tj = 12°C	6.38 kW
COP Tj = 12°C	5.14
Cdh	0.98
Pdh Tj = Tbiv	11.98 kW
COP Tj = Tbiv	2.05

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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
Aquecedor suplementar: tipo de fonte de energia	electricity
Aquecedor suplementar: P_{SUP}	2.59 kW
Consumo de energia anual Q_{HE}	8292 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Perfil de carga declarado	XL
Eficiência $\hat{I}\cdot_{dhw}$	110 %
COP	2.62
Tempo de aquecimento	1:52 h:min
Consumo em "Standby"	62.6 W
Temperatura da água quente de referência	52.8 °C
Água misturada a 40ºC	372 l

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

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2	
	Medium temperature
Potencia útil	16.71 kW
Potencia absorvida	5.90 kW
COP	2.83

EN 14511-4	
desligar circulação do meio de transferência de calor	passed
falha total da fonte de alimentação	passed
teste de descongelamento	passed
Starting and operating test	passed

Average Climate

EN 12102-1	
	Medium temperature
Nivel de Potência sonora exterior	72 dB(A)

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PTO	18 W
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Aquecedor suplementar: tipo de fonte de energia	electricity
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General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2	
	Medium temperature
Potencia útil	16.71 kW
Potencia absorvida	5.90 kW
COP	2.83

EN 14511-4	
desligar circulação do meio de transferência de calor	passed
falha total da fonte de alimentação	passed
teste de descongelamento	passed
Starting and operating test	passed

Average Climate

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General Data	
Power supply	3x400V 50Hz

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	Medium temperature
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Potencia absorvida	5.90 kW
COP	2.83

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