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Login

Summary of	Versati Split G1 4-6kW	Reg. No.	041-K004-08
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 4-6kW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1 kg		
Certification Date	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
COP	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

Average Climate

EN 12102-1

	Medium temperature
Sound power level indoor	42 dB(A)
Sound power level outdoor	62 dB(A)

EN 14825

	Medium temperature
η_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°C	4.30
Cdh Tj = +7 °C	0.95

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)

Average Climate

EN 16147

Declared load profile	XL
Efficiency ηDHW	122 %
COP	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 l

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
COP	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

Average Climate

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

EN 14825	
	Medium temperature
η_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

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	3169 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147

Declared load profile	XL
Efficiency ηDHW	122 %
COP	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 l