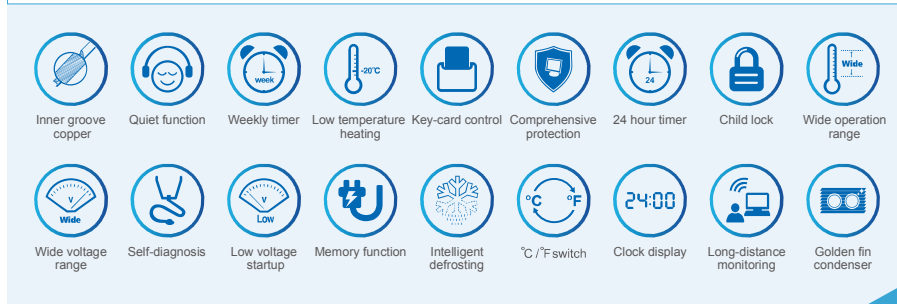


Versati III (Monobloc Type)



It's a kind of integrated DC inverter unit that comprises cooling, heating and water heating functions, and up to 5.0 energy efficiency. It adopts R32 refrigerant and two-stage compressor, For heating, ambient temperature range is -25~35 °C while the leaving water temperature range is 25~60 °C.



- » Floor debugging function;
- » Integrated structure, simple installation, less installation cost;
- » R32 refrigerant, low GWP;
- » Adopt two-stage compressor to widen the ambient temperature range for heating;
- » Leaving water temperature up to 60 °C, applicable to various heating terminals.



Item	Water side	Heat source/User side
	Leaving water temperature(°C)	Environment dry bulb temperature(°C)
Cooling	7~25	10~48
Heating	25~60	-25~35
Water heating	40~80	-25~45

Note:

*1: This product series is under development. Please confirm the final specifications with our sales representatives.

Model		GRS-CQ4.0Pd/NhG-K	GRS-CQ6.0Pd/NhG-K	GRS-CQ8.0Pd/NhG-K	GRS-CQ10Pd/NhG-K	GRS-CQ12Pd/NhG-K	GRS-CQ14Pd/NhG-K
Power supply	V/Ph/Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz
Capacity ¹	Cooling ³	kW 3.8	5.8	6.8	8.8	11	12.5
	Heating ⁴	kW 4	6	7.5	10	12	14
Power input ¹	Cooling ³	kW 0.82	1.32	1.58	1.96	2.56	3.05
	Heating ⁴	kW 0.78	1.2	1.63	2.17	2.64	3.22
EER/COP ¹	W/W	4.63/5.1	4.75/5.0	4.34/6	4.54/6	4.34/5.5	4.14/3.5
Capacity ²	Cooling ³	kW 3	4	5	7.8	9.5	12
	Heating ⁴	kW 4	6	7.5	10	12	14
Power input ²	Cooling ³	kW 0.94	1.29	1.56	2.48	3.11	4.14
	Heating ⁴	kW 0.98	1.56	2	2.7	3.33	3.94
EER/COP ²	W/W	3.24/0	3.10/3.80	3.1/3.75	3.15/3.7	3.05/3.6	2.9/3.55
Refrigerant charge volume	kg	0.87	0.87	0.87	2.2	2.2	2.2
Sanitary water temperature	°C	40~80	40~80	40~80	40~80	40~80	40~80
Sound pressure level	Cooling	dB(A) 52	52	52	58	58	58
	Heating	dB(A) 54	54	54	61	61	61
Connecting pipe	Gas	inch(mm) /	/	/	/	/	/
	Liquid	inch(mm) /	/	/	/	/	/
Dimensions (W×D×H)	Outline	mm 1150×345×758	1150×345×758	1150×345×758	1200×460×878	1200×460×878	1200×460×878
	Packaged	mm 1255×485×890	1255×485×890	1255×485×890	1290×586×1010	1290×586×1010	1290×586×1010
Net weight/Gross weight	kg	92	92	92	151	151	151
	40/GP unit	84	84	84	58	58	58
Loading quantity	40/HQ unit	84	84	84	58	58	58

Model		GRS-CQ16Pd/NhG-K	GRS-CQ10Pd/NhG-M	GRS-CQ12Pd/NhG-M	GRS-CQ14Pd/NhG-M	GRS-CQ16Pd/NhG-M
Power supply	V/Ph/Hz	220-240V ~ 50Hz	380-415V 3N~ 50Hz	380-415V 3N~ 50Hz	380-415V 3N~ 50Hz	380-415V 3N~ 50Hz
Capacity ¹	Cooling ³	kW 14.5	8.8	11	12.5	14.5
	Heating ⁴	kW 15.5	10	12	14	15.5
Power input ¹	Cooling ³	kW 3.82	1.96	2.56	3.05	3.82
	Heating ⁴	kW 3.6	2.17	2.64	3.22	3.6
EER/COP ¹	W/W	3.8/4.3	4.5/4.6	4.3/4.55	4.1/4.35	3.8/4.3
Capacity ²	Cooling ³	kW 13	7.8	9.5	12	13
	Heating ⁴	kW 15.5	10	12	14	15.5
Power input ²	Cooling ³	kW 4.73	2.48	3.11	4.14	4.73
	Heating ⁴	kW 4.56	2.7	3.33	3.94	4.56
EER/COP ²	W/W	2.75/3.4	3.15/3.7	3.05/3.6	2.9/3.55	2.75/3.4
Refrigerant charge volume	kg	2.2	2.2	2.2	2.2	2.2
Sanitary water temperature	°C	40~80	40~80	40~80	40~80	40~80
Sound pressure level	Cooling	dB(A) 58	58	58	58	58
	Heating	dB(A) 61	61	61	61	61
Connecting pipe	Gas	inch(mm) /	/	/	/	/
	Liquid	inch(mm) /	/	/	/	/
Dimensions (W×D×H)	Outline	mm 1200×460×878	1200×460×878	1200×460×878	1200×460×878	1200×460×878
	Packaged	mm 1290×586×1010	1290×586×1010	1290×586×1010	1290×586×1010	1290×586×1010
Net weight/Gross weight	kg	151	151	151	151	151
	40/GP unit	58	58	58	58	58
Loading quantity	40/HQ unit	58	58	58	58	58

Notes:

1.Capacities and power inputs are based on the following conditions:

» Cooling conditions.
Outdoor air temperature 35 °C DB/- WB.
Entering water temperature 23 °C.
Leaving water temperature 18 °C.

» Heating conditions.
Outdoor air temperature 7 °C DB/6 °C WB.
Entering water temperature 30 °C.
Leaving water temperature 35 °C.
Standing piping length 5m.

3.For floor cooling.

4.For floor heating.

5.For fan coil unit.

6.For fan coil or radiator.

2.Capacities and power inputs are based on the following conditions:

» Cooling conditions.
Outdoor air temperature 35 °C DB/- WB.
Entering water temperature 12 °C.
Leaving water temperature 7 °C.

» Heating conditions.
Outdoor air temperature 7 °C DB/6 °C WB.
Entering water temperature 40 °C.
Leaving water temperature 45 °C.
Standing piping length 5m.