Versati Ⅲ (Monobloc Type)*

INVERTER R32

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℃ while the leaving water temperature range is 25~60℃.



4/6/8kW



10/12/14/16kW



Inner groove copper

Quiet function

Weekly timer

Low temperature heating

Key-card control

Comprehensive protection

Timer

Lock

Wide operation range

Wide voltag range

Self-Diagnosis

Low voltage startup

Memory function

Intelligent Defrosting

℃ / ℉ switch

Clock display

Long-distance monitoring

Golden fin condenser

- 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℃ applicable to various heating terminals.

CE

Item	Water Side	Heat Sounce/User Side
	Leaving Water Temperature(℃)	Environment Dry Bulb Temperature(℃)
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/1Ph/50Hz	220~240V/1Ph/50Hz	220~240V/1Ph/50Hz	220~240V/1Ph/50Hz	220~240V/1Ph/50Hz	220~240V/1Ph/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	1.55	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	4.65/5.1	4.4/5.0	4.4/4.6	4.5/4.6	4.3/4.55	4.1/4.35
Capacity*2	Cooling*5	kW	3	4	5	7.8	9.5	12
	Heating*6	kW	4	6	7.5	10	12	14
Power Input*2	Cooling*5	kW	0.94	1.29	1.56	2.48	3.11	4.14
	Heating*6	kW	0.98	1.56	2	2.7	3.33	3.94
EER/COP*2		W/W	3.2/4.1	3.15/3.85	3.2/3.75	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		℃	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	1150×390×756	1150×390×756	1150×390×756	1200×460×878	1200×460×878	1200×460×878
	Packaged	mm	1250×480×765	1250×480×765	1250×480×765	1245×545×885	1245×545×885	1245×545×885
Net weight/Gross weight		kg	92	92	92	151	151	151
Loading quantity	40'GP	-	84	84	84	58	58	58
	40'HQ	-	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/1Ph/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/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*5	kW	13	7.8	9.5	12	13
	Heating*6	kW	15.5	10	12	14	15.5
Power Input*2	Cooling*5	kW	4.73	2.48	3.11	4.14	4.73
	Heating*6	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		℃	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	1245×545×885	1245×545×885	1245×545×885	1245×545×885	1245×545×885
Net weight/Gross weight		kg	151	151	151	151	151
Loading quantity	40'GP	-	58	58	58	58	58
	40'HQ	-	58	58	58	58	58

Notes:
1.Capacities and power inputs are based on the following conditions:
- Cooling conditions.
  Outdoor air temperature 35℃ DB/- WB.
  Entering water temperature 23℃.
  Leaving water temperature 18℃.
- Heating conditions.
  Outdoor air temperature 7℃ DB/6℃ WB.
  Entering water temperature 30℃.
  Leaving water temperature 35℃.
  Standing piping length 5m.

2.Capacities and power inputs are based on the following conditions:
- Cooling conditions.
  Outdoor air temperature 35℃ DB/- WB.
  Entering water temperature 12℃.
  Leaving water temperature 7℃.
- Heating conditions.
  Outdoor air temperature 7℃ DB/6℃ WB.
  Entering water temperature 40℃.
  Leaving water temperature 45℃.
  Standing piping length 5m.

3.For floor cooling.
4.For floor heating.
5.For fan coil unit.
6.For fan coil or radiator.