Versati V (Monobloc)

R290

The Versati V monobloc heat pump is an high-efficient solution for year-round comfort. This fully DC inverter air-to-water unit provides space heating, domestic hot water, and space cooling. Utilizing eco-friendly R290 refrigerant, it delivers high performance with minimal environmental impact.







Inner groove copper

Quiet function

Weekly timer

Low temperature heating

Key-card control

Comprehensive protection

24 hour timer

Child lock

Wide operation range

Wide voltage range

Self-diagnosis

Low voltage startup

Memory function

Intelligent defrosting

℃/℉switch

Clock display

Long-distance monitoring

Golden fin condenser

》It adopts a high efficiency compressor technology to improve the heating capacity and energy efficiency under low temperature, with A7W35 COP up to 5.2, and average climate SCOP 35℃, A+++.

》It can be combined with a fan coil unit, heat radiator, floor heating and a hot water tank to provide five working modes including cooling, heating and water heating.

》Versati is equipped with a 5-inch high-definition LCD touch screen, which provides 20 languages to suit users of different countries and regions.

》Users can set the relationship between ambient temperautre and room temperature. The targeted room temperature will change accordingly with room load and ambient temperature change so as to bring comfort to users and achieve energy saving.

》Users can set the quiet time, for example, all day long or night time only, to improve the level of comfort.

Item	Water side	Heat source/User side
	Leaving water temperature(℃)	Dry bulb temperature(℃)
Cooling	5~25	-*15~48
Heating	20~80	-25~35
Water heating	40~80	-25~45

Note: When operating conditions are out of the range listed above, please contact Gree.

Specifications

Model			GRS-CQ4.0 Pd/NpG4-E	GRS-CQ6.0 Pd/NpG4-E	GRS-CQ8.0 Pd/NpG4-E	GRS-CQ10 Pd/NpG4-E	GRS-CQ12 Pd/NpG4-E	GRS-CQ14 Pd/NpG4-E	GRS-CQ16Pd /NpG4-E2	GRS-CQ16 Pd/NpG4-E
Capacity (Floor)	Cooling	kW	4.5	6.2	8.3	10	12	14	16.1	15.5
	Heating	kW	4.5	6.2	8.4	10	12	14	16.1	15.5
Power input (Floor)	Cooling	kW	0.797	1.193	1.597	2.085	2.608	3.255	3.926	3.523
	Heating	kW	0.866	1.24	1.68	2.105	2.424	2.978	3.577	3.298
EER(Floor Cooling)		W/W	5.65	5.2	5.2	4.8	4.6	4.3	4.1	4.4
COP(Floor Heating)		W/W	5.2	5	5	4.75	4.95	4.7	4.5	4.7
Capacity (Fan Coil)	Cooling	kW	4.5	6.1	7.5	8.9	11.6	12.8	13.8	14
	Heating	kW	4.5	6.1	8.2	10	12	14	15	15.5
Power input (Fan Coil)	Cooling	kW	1.2	1.906	2.344	2.918	3.682	4.338	5.018	4.91
	Heating	kW	1.098	1.564	2.103	2.703	3.157	3.783	4.285	4.13
EER(Fan Coil)		W/W	3.75	3.2	3.2	3.05	3.15	2.95	2.75	2.85
COP((Fan Coil or Radiator)		W/W	4.1	3.9	3.9	3.7	3.8	3.7	3.5	3.75
Refrigerant charge volume		kg	0.8	0.8	1	1	1.2	1.2	1.2	1.5
Sanitary water temperature		℃	40~80	40~80	40~80	40~80	40~80	40~80	40～80	40~80
Sound pressure level	Cooling	dB(A)	46	47	52	53	55	56	57	53
	Heating	dB(A)	46	47	51	52	55	56	58	53
Dimensions	Outline (W×D×H)	mm	1206×445 ×880	1206×445 ×880	1206×445 ×880	1206×445 ×880	1206×445 ×880	1206×445 ×880	1206×445 ×880	940×460 ×1615
	Packaged (W×D×H)	mm	1338×553 ×1025	1338×553 ×1025	1338×553 ×1025	1338×553 ×1025	1338×553 ×1025	1338×553 ×1025	1338×553 ×1025	1073×598 ×1755
Net weight		kg	110	110	124	124	138	138	138	175
Gross weight		kg	128	128	141	141	155	155	155	193
Loading quantity	20'Container	unit	32	32	32	32	32	32	32	19
	40'Container	unit	66	66	66	66	66	66	66	40
	40'High Cube Container	unit	66	66	66	66	66	66	66	40
ηsh		%	152	152	152	152	140	139	139	137
Sound power (Heating)*		dB(A)	54	54	56	56	58	58	58	57

Model			GRS-CQ8.0 Pd/NpG4-M	GRS-CQ10 Pd/NpG4-M	GRS-CQ12 Pd/NpG4-M	GRS-CQ14 Pd/NpG4-M	GRS-CQ16Pd/ NpG4-M2	GRS-CQ16 Pd/NpG4-M	GRS-CQ18 Pd/NpG4-M	GRS-CQ20 Pd/NpG4-M
Capacity (Floor)	Cooling	kW	8.3	10	12	14	16.1	15.5	18	20
	Heating	kW	8.4	10	12	14	16.1	15.5	18	20
Power input (Floor)	Cooling	kW	1.597	2.085	2.608	3.255	3.926	3.523	3.991	4.807
	Heating	kW	1.68	2.105	2.424	2.978	3.577	3.298	3.805	4.415
EER(Floor Cooling)		W/W	5.2	4.8	4.6	4.3	4.1	4.4	4.51	4.16
COP(Floor Heating)		W/W	5	4.75	4.95	4.7	4.5	4.7	4.73	4.53
Capacity (Fan Coil)	Cooling	kW	7.5	8.9	11.6	12.8	13.8	14	16	17
	Heating	kW	8.2	10	12	14	15	15.5	18	20
Power input (Fan Coil)	Cooling	kW	2.344	2.918	3.682	4.338	5.018	4.91	5.079	5.629
	Heating	kW	2.103	2.703	3.157	3.783	4.285	4.13	4.931	5.714
EER(Fan Coil)		W/W	3.2	3.05	3.15	2.95	2.75	2.85	3.15	3.02
COP((Fan Coil or Radiator)		W/W	3.9	3.7	3.8	3.7	3.5	3.75	3.65	3.5
Refrigerant charge volume		kg	1	1	1.2	1.2	1.2	1.5	1.65	1.65
Sanitary water temperature		℃	40~80	40~80	40~80	40~80	40～80	40~80	40～80	40～80
Sound pressure level	Cooling	dB(A)	52	53	56	56	57	53	57	57
	Heating	dB(A)	51	52	55	55	58	53	56	56
Dimensions	Outline (W×D×H)	mm	1206×445 ×880	1206×445 ×880	1206×445 ×880	1206×445 ×880	1206×445 ×880	940×460 ×1615	940×460 ×1615	940×460 ×1615
	Packaged (W×D×H)	mm	1338×553 ×1025	1338×553 ×1025	1338×553 ×1025	1338×553 ×1025	1338×553 ×1025	1073×598 ×1755	1073×598 ×1755	1073×598 ×1755
Net weight		kg	132	132	144	144	144	179	193	193
Gross weight		kg	150	150	163	163	163	197	212	212
Loading quantity	20'Container	unit	32	32	32	32	32	19	19	19
	40'Container	unit	66	66	66	66	66	40	40	40
	40'High Cube Container	unit	66	66	66	66	66	40	40	40
ηsh		%	145	147	140	140	140	134	138	137
Sound power (Heating)*		dB(A)	56	56	58	58	58	57	61	61

Note:
1. For Floor Cooling and Heating;
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℃

2. For Fan Coil or Radiator:
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℃

* The sound power level is measured in accordance with EN 12102 under the part-load conditions specified in EN 14825.