Versati IV (Monobloc)

R32

VERSATI, a DC inverter multifunctional air-to-water heat pump with advanced heat pump technology, absorbs natural heat from the ambient air and then releases heat to the room or water. It not only satisfies room heating requirements but also supplies domestic hot water. Besides, VERSATI can also provide you with cool air in hot summer.






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 two-stage compressor technology to improve the heating capacity and energy efficiency under low temperature, with A7W35 COP up to 5.4, 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	20~65	-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-CQ4.0Pd/ NhG3-E	GRS-CQ6.0Pd/ NhG3-E	GRS-CQ8.0Pd/ NhG3-E	GRS-CQ10Pd/ NhG3-E	GRS-CQ12Pd/ NhG3-E	GRS-CQ14Pd/ NhG3-E	GRS-CQ16Pd/ NhG3-E	GRS-CQ8.0Pd/ NhG3-E1
Capacity (Floor)	Cooling	kW	5	6.5	8.3	10.2	12	13.7	15.5	8.0
	Heating	kW	5	6	8.2	10.2	12	14.2	15.7	8.0
Power input(Floor)	Cooling	kW	0.96	1.27	1.56	2.00	2.45	3.00	3.60	1.65
	Heating	kW	0.93	1.11	1.54	2.02	2.43	2.99	3.45	1.63
EER(Floor Cooling)		W/W	5.2	5.1	5.32	5.1	4.9	4.57	4.31	4.85
COP(Floor Heating)		W/W	5.4	5.4	5.32	5.05	4.94	4.75	4.55	4.90
Capacity (FanCoil)	Cooling	kW	4.9	5.7	7.40	9	11.10	13.3	13.80	7.20
	Heating	kW	4.9	6.8	8.3	10.2	13	14.2	16.2	8.0
Power input (FanCoil)	Cooling	kW	1.4	1.76	2.00	2.65	3.58	4.75	5.09	2.25
	Heating	kW	1.17	1.66	1.90	2.50	3.45	3.84	4.49	2.11
EER(Fan Coil)		W/W	3.5	3.25	3.7	3.4	3.1	2.8	2.71	3.2
COP(Fan Coil or Radiator)		W/W	4.2	4.1	4.36	4.08	3.77	3.7	3.61	3.8
Refrigerant charge volume		kg	0.95	0.95	1.6	1.6	2.2	2.2	2.2	1.23
Electric heater	Operation	-	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
	Steps	-	2	2	2	2	2	2	2	2
	Capacity	kW	3	3	6	6	6	6	6	6
	Combination	kW	1.5+1.5	1.5+1.5	3+3	3+3	3+3	3+3	3+3	3+3
	Power input	V/Ph/Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
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)	51	52	52	54	54	55	56	55
	Heating	dB(A)	53	53	54	56	56	58	59	56
Dimensions	Outline (W×D×H)	mm	1150×365×735		1206×445×878					1150×365×735
	Packaged (W×D×H)	mm	1258×503×900		1338×553×1020					1258×503×900
Net weight		kg	95	95	127	127	142	142	142	95
Gross weight		kg	112	112	146	146	161	161	161	112
Loading quantity	20'Container	unit	38	38	32	32	32	32	32	38
	40'Container	unit	82	82	66	66	66	66	66	82
	40'High Cube Container	unit	82	82	66	66	66	66	66	82
ηsh		%	137	137	145	152	149	147	146	145
Sound power (Heating)*		dB(A)	58	59	68	68	68	68	68	64

Model			GRS-CQ8.0Pd/ NhG3-M	GRS-CQ10Pd/ NhG3-M	GRS-CQ12Pd/ NhG3-M	GRS-CQ14Pd/ NhG3-M	GRS-CQ16Pd/ NhG3-M
Capacity (Floor)	Cooling	kW	8.30	10.20	12.00	13.90	15.40
	Heating	kW	8.20	10.20	12.00	14.20	15.70
Power input(Floor)	Cooling	kW	1.64	2.13	2.61	3.32	4.05
	Heating	kW	1.62	2.06	2.49	3.09	3.57
EER(Floor Cooling)		W/W	5.06	4.79	4.60	4.19	3.80
COP(Floor Heating)		W/W	5.06	4.95	4.82	4.60	4.40
Capacity (FanCoil)	Cooling	kW	7.10	9.10	11.10	13.30	13.80
	Heating	kW	8.20	10.20	13.00	14.20	16.20
Power input (FanCoil)	Cooling	kW	2.10	2.80	3.58	4.75	5.09
	Heating	kW	2.05	2.60	3.45	3.84	4.49
EER(Fan Coil)		W/W	3.38	3.25	3.10	2.80	2.71
COP(Fan Coil or Radiator)		W/W	4.00	3.92	3.77	3.70	3.61
Refrigerant charge volume		kg	1.6	1.6	2.2	2.2	2.2
Electric heater	Operation	-	Field supply	Field supply	Field supply	Field supply	Field supply
	Steps	-	2	2	2	2	2
	Capacity	kW	6	6	6	6	6
	Combination	kW	3+3	3+3	3+3	3+3	3+3
	Power input	V/Ph/Hz	400V 3N~50Hz	400V 3N~50Hz	400V 3N~50Hz	400V 3N~50Hz	400V 3N~50Hz
Sanitary water temperature		℃	40~80	40~80	40~80	40~80	40~80
Sound pressure level	Cooling	dB(A)	52	54	54	55	56
	Heating	dB(A)	54	56	56	58	59
Dimensions	Outline (W×D×H)	mm	1206×445×878	1206×445×878	1206×445×878	1206×445×878	1206×445×878
	Packaged (W×D×H)	mm	1338×553×1020	1338×553×1020	1338×553×1020	1338×553×1020	1338×553×1020
Net weight		kg	141	141	144	144	144
Gross weight		kg	159	159	163	163	163
Loading quantity	20'Container	unit	32	32	32	32	32
	40'Container	unit	66	66	66	66	66
	40'High Cube Container	unit	66	66	66	66	66
ηsh		%	135	140	150	150	150
Sound power (Heating)*		dB(A)	68	68	68	68	68

Model			GRS-CQ4.0Pd/ NhG4-E	GRS-CQ6.0Pd/ NhG4-E	GRS-CQ8.0Pd/ NhG4-E	GRS-CQ10Pd/ NhG4-E	GRS-CQ12Pd/ NhG4-E	GRS-CQ14Pd/ NhG4-E	GRS-CQ16Pd/ NhG4-E	GRS-CQ8.0Pd/ NhG4-E1
Capacity (Floor)	Cooling	kW	5	6.5	8.3	10.2	12	13.7	15.5	8.0
	Heating	kW	5	6	8.2	10.2	12	14.2	15.7	8.0
Power input(Floor)	Cooling	kW	0.96	1.27	1.56	2.00	2.45	3.00	3.60	1.65
	Heating	kW	0.93	1.11	1.54	2.02	2.43	2.99	3.45	1.63
EER(Floor Cooling)		W/W	5.2	5.1	5.32	5.1	4.9	4.57	4.31	4.85
COP(Floor Heating)		W/W	5.4	5.4	5.32	5.05	4.94	4.75	4.55	4.90
Capacity (FanCoil)	Cooling	kW	4.9	5.7	7.40	9	11.10	13.3	13.80	7.20
	Heating	kW	4.9	6.8	8.3	10.2	13	14.2	16.2	8.0
Power input (FanCoil)	Cooling	kW	1.4	1.76	2.00	2.65	3.58	4.75	5.09	2.25
	Heating	kW	1.17	1.66	1.90	2.50	3.45	3.84	4.49	2.11
EER(Fan Coil)		W/W	3.5	3.25	3.7	3.4	3.1	2.8	2.71	3.2
COP(Fan Coil or Radiator)		W/W	4.2	4.1	4.36	4.08	3.77	3.7	3.61	3.8
Refrigerant charge volume		kg	0.95	0.95	1.6	1.6	2.2	2.2	2.2	1.23
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)	51	52	52	54	54	55	56	55
	Heating	dB(A)	53	53	54	56	56	58	59	56
Dimensions	Outline (W × D × H)	mm	1150 × 365 × 735		1206 × 445 × 878					1150 × 365 × 735
	Packaged (W × L × H)	mm	1258 × 503 × 900		1338 × 553 × 1020					1258 × 503 × 900
Net weight		kg	90	90	120	120	138	138	138	95
Gross weight		kg	106	106	139	139	156	156	156	112
Loading quantity	20'Container	unit	38	38	32	32	32	32	32	38
	40'Container	unit	82	82	66	66	66	66	66	82
	40'High Cube Container	unit	82	82	66	66	66	66	66	82
ηsh		%	137	137	145	152	149	147	146	145
Sound power (Heating)*		dB(A)	58	58	68	68	68	68	68	64

Model			GRS-CQ8.0Pd/ NhG4-M	GRS-CQ10Pd/ NhG4-M	GRS-CQ12Pd/ NhG4-M	GRS-CQ14Pd/ NhG4-M	GRS-CQ16Pd/ NhG4-M
Capacity (Floor)	Cooling	kW	8.30	10.20	12.00	13.90	15.40
	Heating	kW	8.20	10.20	12.00	14.20	15.70
Power input(Floor)	Cooling	kW	1.64	2.13	2.61	3.32	4.05
	Heating	kW	1.62	2.06	2.49	3.09	3.57
EER(Floor Cooling)		W/W	5.06	4.79	4.60	4.19	3.80
COP(Floor Heating)		W/W	5.06	4.95	4.82	4.60	4.40
Capacity (FanCoil)	Cooling	kW	7.10	9.10	11.10	13.30	13.80
	Heating	kW	8.20	10.20	13.00	14.20	16.20
Power input (FanCoil)	Cooling	kW	2.10	2.80	3.58	4.75	5.09
	Heating	kW	2.05	2.60	3.45	3.84	4.49
EER(Fan Coil)		W/W	3.38	3.25	3.10	2.80	2.71
COP(Fan Coil or Radiator)		W/W	4.00	3.92	3.77	3.70	3.61
Refrigerant charge volume		kg	1.6	1.6	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)	52	54	54	55	56
	Heating	dB(A)	54	56	56	58	59
Dimensions	Outline (W × D × H)	mm	1206 × 445 × 878	1206 × 445 × 878	1206 × 445 × 878	1206 × 445 × 878	1206 × 445 × 878
	Packaged (W × L × H)	mm	1338 × 553 × 1020	1338 × 553 × 1020	1338 × 553 × 1020	1338 × 553 × 1020	1338 × 553 × 1020
Net weight		kg	134	134	144	144	144
Gross weight		kg	152	152	162	162	162
Loading quantity	20'Container	unit	32	32	32	32	32
	40'Container	unit	66	66	66	66	66
	40'High Cube Container	unit	66	66	66	66	66
ηsh		%	135	140	150	150	150
Sound power (Heating)*		dB(A)	68	68	68	68	68

Model			GRS-CQ18Pd/NhA-M	GRS-CQ22Pd/NhA-M	GRS-CQ26Pd/NhA-M	GRS-CQ30Pd/NhA-M
Capacity(Floor)	Cooling	kW	18.5	23	27	31
	Heating	kW	18	22	26	30
Power input(Floor)	Cooling	kW	3.85	4.89	6.14	7.56
	Heating	kW	3.75	4.89	5.98	6.9
EER(Floor Cooling)		W/W	4.8	4.7	4.4	4.1
COP(Floor Heating)		W/W	4.8	4.5	4.35	4.35
Capacity(Fan Coil)	Cooling	kW	17.5	21	26	30
	Heating	kW	18	22	26	30
Power input(Fan Coil)	Cooling	kW	3.85	4.89	6.14	7.56
	Heating	kW	5	6.29	7.65	8.82
EER(Fan Coil)		W/W	3.1	3	2.8	2.6
COP((Fan Coil or Radiator)		W/W	3.6	3.5	3.4	3.4
Refrigerant charge volume		kg	4	4	5	5
Sanitary water temperature		℃	40 ~ 80	40 ~ 80	40 ~ 80	40 ~ 80
Sound pressure level	Cooling	dB(A)	57	58	57	58
	Heating	dB(A)	56	57	57	58
Dimensions	Outline (W × D × H)	mm	940 × 460 × 1615	940 × 460 × 1615	1250 × 460 × 1804	1250 × 460 × 1804
	Packaged (W × L × H)	mm	1073 × 598 × 1745	1073 × 598 × 1745	1338x770x1965	1338x770x1965
Net weight		kg	205	205	261	261
Gross weight		kg	221	221	290	290
Loading quantity	20'Container	unit	19	19	12	12
	40'Container	unit	40	40	25	25
	40'High Cube Container	unit	40	40	25	25
ηsh		%	127	127	127	127
Sound power (Heating)*		dB(A)	65	65	65	65

Model			GRS-CQ8.0Pd/NhG3-E2	GRS-CQ10Pd/NhG3-E2	GRS-CQ12Pd/NhG3-E2	GRS-CQ14Pd/NhG3-E2	GRS-CQ16Pd/NhG3-E2	GRS-CQ12Pd/NhG3-M2	GRS-CQ14Pd/NhG3-M2	GRS-CQ16Pd/NhG3-M2
Capacity(Floor)	Cooling	kW	8	10.2	12	13.7	15.5	12	13.9	15.4
	Heating	kW	8	10.2	12	14.2	15.7	12	14.2	15.7
Power input(Floor)	Cooling	kW	1.65	2	2.7	3.301	4.17	2.61	3.32	4.05
	Heating	kW	1.6	2.02	2.344	2.87	3.29	2.39	2.84	3.202
EER(Floor Cooling)		W/W	4.85	5.1	4.45	4.15	3.72	4.6	4.19	3.8
COP(Floor Heating)		W/W	5	5.05	5.12	4.96	4.78	5.03	5	4.9
Capacity(Fan Coil)	Cooling	kW	7.2	9.1	11	12	12.8	11	12	12.8
	Heating	kW	8	10.2	13	14.2	16.2	13	14.2	16.2
Power input(Fan Coil)	Cooling	kW	2.25	2.80	3.67	4.29	4.79	3.64	4.29	4.79
	Heating	kW	2.11	2.60	3.25	3.59	4.30	3.25	3.59	4.30
EER(Fan Coil)		W/W	3.20	3.25	3.00	2.80	2.67	3.02	2.80	2.67
COP((Fan Coil or Radiator)		W/W	3.80	3.92	4	3.95	3.76	4	3.95	3.76
Refrigerant charge volume		kg	1.23	1.6	2	2	2	2	2	2
Electric heater	Operation	—	Automatic	Automatic	Automatic	Automatic	Automatic	Field supply	Field supply	Field supply
	Steps	—	2	2	2	2	2	2	2	2
	Capacity	kW	6	6	6	6	6	6	6	6
	Combination	kW	3+3	3+3	3+3	3+3	3+3	3+3	3+3	3+3
	Power input	V/Ph/Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	400V 3N~50Hz	400V 3N~50Hz	400V 3N~50Hz
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)	55	54	54	55	56	54	55	56
	Heating	dB(A)	56	56	56	58	59	56	58	59
Dimensions	Outline (W × D × H)	mm	1150 × 365 × 735	1206 × 445 × 878						
	Packaged (W × L × H)	mm	1258 × 503 × 900	1338 × 553 × 1020						
Net weight		kg	95	120	144	144	144	151	151	151
Gross weight		kg	112	139	162	162	162	168	168	168
Loading quantity	20'Container	unit	38	32	32	32	32	32	32	32
	40'Container	unit	82	66	66	66	66	66	66	66
	40'High Cube	unit	82	66	66	66	66	66	66	66
ηsh		%	145	152	149	147	146	150	150	150
Sound power (Heating)*		dB(A)	64	68	68	68	68	68	68	68

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.