R410A

Versati Ⅱ+ (Split Type)

It is a kind of DC inverter multifunctional air to water heat pumps that could not only supply domestic hot water, but also realize cooling or heating for residential use.

Floor Heating Debugging | High efficiency | Quiet function | Self-diagnosis | Wide voltage range | Comprehensive protection | Compact design

- Twin rotary DC inverter compressor creates comfortable living circumstance and saves energy.
- The electronic expansion valve guarantees that the system made adjustments automatically according to the changes of the circumstance and water temperature.
- Smart dual-temperature detection control technology.
- The disinfection function at a high temperature up to 70℃ can prevent the growth of bacteria and ensure sanitary water, creating a wholesome life for users.
- Isolation of water and electricity ensures safe operation.
- Dual-coil design makes it convenient to join solar panel or boiler.
- Five-mode operation: heating, cooling, water heating, heating and water heating, cooling and water heating.
- The unit will periodically increase or decrease water temperature in debugging process, to improve floor adaptability for temperature change.

Item	Water Side	Heat Source/User Side
	Leaving Water Temperature(℃)	Environment Dry Bulb Temperature(℃)
Cooling	7~25	10~48
Heating	25~60	-20~35
Water Heating	40~80(Water Tank Temperature)	-20~45

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

Outdoor Unit

Model			GRS-CQ8.0Pd/NaD-K(O)	GRS-CQ10Pd/NaD-K(O)	GRS-CQ12Pd/NaD-M(O)	GRS-CQ14Pd/NaD-M(O)
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50
Capacity*1	Cooling	kW	8.2	9.7	13.5	14
	Heating	kW	8	9.2	12	14
Power input*1	Cooling	kW	1.86	2.46	3.46	3.68
	Heating	kW	1.85	2.19	2.67	3.33
EER/COP*1		W/W	4.41/4.32	3.94/4.20	3.90/4.49	3.80/4.20
Capacity*2	Cooling	kW	5.5	6.9	9.6	10
	Heating	kW	7.7	9	12	12.8
Power input*2	Cooling	kW	1.85	2.34	3.02	3.22
	Heating	kW	2.26	2.65	3.24	3.56
EER/COP*2		W/W	2.97/3.41	2.95/3.40	3.18/3.70	3.11/3.60
Refrigerant charge volume		kg	3.5	3.5	5.3	5.3
Sanitary water temperature		℃	40~80	40~80	40~80	40~80
Sound pressure level	cooling	dB(A)	53	53	57	57
	heating	dB(A)	54	54	57	57
Connecting pipe	Gas	inch(mm)	15.9	15.9	15.9	15.9
	Liquid	inch(mm)	9.52	9.52	9.52	9.52
Dimensions (W×D×H)	Outline	mm	980×427×788	980×427×788	900×412×1345	900×412×1345
	Packaged	mm	1097×477×862	1097×477×862	998×458×1515	998×458×1515
Net weight/Gross weight		kg	85/87	85/87	126/136	126/136
Loading quantity	40'GP	set	96	96	50	50
	40'HQ	set	96	96	50	50

Notes:

1.Capacites and power inputs are based on the following conditions:
- Cooling conditions.
- Indoor Water Temperature 23℃/18℃.
- Outdoor Air Temperature 35℃DB/24℃WB.
- Heating conditions.
- Indoor Water Temperature 30℃/35℃.
- Outdoor Air Temperature 7℃DB/6℃WB.
- Standing piping length 7.5m.

2.Capacites and power inputs are based on the following conditions:
- Cooling conditions.
- Indoor Water Temperature 12℃/7℃.
- Outdoor Air Temperature 35℃DB/24℃WB.
- Heating conditions.
- Indoor Water Temperature 40℃/45℃.
- Outdoor Air Temperature 7℃DB/6℃WB.
- Standing piping length 7.5m.

Indoor Hydro Unit

Model	Indoor unit		GRS-CQ8.0Pd/NaD-K(I)	GRS-CQ10Pd/NaD-K(I)	GRS-CQ12Pd/NaD-M(I)	GRS-CQ14Pd/NaD-M(I)
Power supply		V/Ph/Hz	220~240/1/50	220~240/1/50	380~415/3/50	380~415/3/50
Norminal input		W	6140	6140	6140	6140
Leaving water temperature	Cooling*1	℃	7	7	7	7
	Cooling*2	℃	18	18	18	18
	Heating*3	℃	35	35	35	35
	Heating*4	℃	45	45	45	45
Pump	Type	-	water-cooled	water-cooled	water-cooled	water-cooled
	Nr. of speed	-	variable-speed	variable-speed	variable-speed	variable-speed
	Power input	W	105	105	105	105
	Water flow limit	LPM	12	12	12	12
Electric Heater	Operation	-	-	-	-	-
	Steps	-	2	2	1	1
	Capacity	kW	3	3	3	3
	Combination	kW	3+3	3+3	6	6
	Power input	Ph/V/Hz	230/1/50	230/1/50	400/3/50	400/3/50
Sound pressure level		dB(A)	31	31	31	31
Connecting pipe	Gas	inch(mm)	15.9	15.9	15.9	15.9
	Liquid	inch(mm)	9.52	9.52	9.52	9.52
Dimensions (W×D×H)	Outline	mm	981x500x324	981x500x324	981x500x324	981x500x324
	Packaged	mm	1043x608x395	1043x608x395	1043x608x395	1043x608x395
Net weight/Gross weight		kg	56/65	56/65	58/67	58/67
Loading quantity	40'GP	-	205	205	205	205
	40'HQ	-	246	246	246	246

Note: *1 for floor cooling; *2 for fan coil cooling; *3 for floor heating; *4 for fan coil heating.

Water Tank

Model			SXVD200LCJ/A-K	SXVD200LCJ2/A-K	SXVD300LCJ/A-K	SXVD300LCJ2/A-K
Water tank volume		L	200	200	300	300
Power supply		Ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Electric heater power		W	3000	3000	3000	3000
Screw thread spec of pipe	Cool water inlet	inch(mm)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)
	Hot water outlet	inch(mm)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)
Dimension Outline	Diameter×H	mm	φ540×1595	φ540×1595	φ620×1620	φ620×1620
Dimension Packaged	W×D×H	mm	1623x628x630	1623x628x630	1648x708x725	1648x708x725
Net weight/Gross weight		kg	68/77	71/80	82/92	87/97
Loading quantity	40'GP/40'HQ	set	75/100	75/100	63/63	63/63

Model			SXVD200LCJ/A-M	SXVD200LCJ2/A-M	SXVD300LCJ/A-M	SXVD300LCJ2/A-M
Water tank volume		L	200	200	300	300
Power supply		Ph/V/Hz	3/400/50	3/400/50	3/400/50	3/400/50
Electric heater power		W	3000	3000	3000	3000
Screw thread spec of pipe	Cool water inlet	inch(mm)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)
	Hot water outlet	inch(mm)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)	φ1/2"Female BSP(12.7)
Dimension Outline	Diameter×H	mm	φ540×1595	φ540×1595	φ620×1620	φ620×1620
Dimension Packaged	W×D×H	mm	1620×625×630	1620×625×630	1645×705×710	1645×705×710
Net weight/Gross weight		kg	68/77	71/80	82/92	87/97
Loading quantity	40'GP/40'HQ	set	75/100	75/100	63/63	63/63

Note: Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

R32

Versati Ⅲ (Split 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℃ while the leaving water temperature range is 25~60℃.

Quiet function
Self-diagnosis
High efficiency
Compact design
Wide voltage range
Comprehensive protection
Golden fin condenser
Inner groove copper
Low voltage startup
Low temperature heating
Memory function
LCD display
24 hour timer
Key-card control
Long-distance monitoring
Intelligent defrosting
Weekly timer
℃/℉ switch
Clock display
Wide operation range
Child lock

- 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.

Item	Water Side	Heat Source/User Side
	Leaving Water Temperature(℃)	Environment Dry Bulb Temperature
Cooling	7~25	10~48
Heating	25~60	-25~35
Water Heating	40~80(water tank)	-25~45

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

Note*: This product model is under development. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

Model			GRS-CQ4.0Pd/NhH-K(O)	GRS-CQ6.0Pd/NhH-K(O)	GRS-CQ8.0Pd/NhH-K(O)	GRS-CQ10Pd/NhH-K(O)	GRS-CQ12Pd/NhH-K(O)
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
Capacity*1	Cooling*3	kW	3.8	5.8	6.8	8.8	11
	Heating*4	kW	4	6	7.5	10	12
Power Input*1	Cooling*3	kW	0.82	1.32	1.55	1.96	2.56
	Heating*4	kW	0.78	1.2	1.63	2.17	2.64
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
Capacity*2	Cooling*5	kW	3	4	5	7.8	9.5
	Heating*6	kW	4	6	7.5	10	12
Power Input*2	Cooling*5	kW	0.94	1.29	1.56	2.48	3.11
	Heating*6	kW	0.98	1.56	2	2.7	3.33
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
Refrigerant charge volume		kg	0.87	0.87	0.87	2.2	2.2
Sanitary water Temperature		℃	40~80	40~80	40~80	40~80	40~80
Sound Pressure Level	cooling	dB(A)	52	52	52	58	58
	heating	dB(A)	54	54	54	61	61
Connecting pipe	Gas	inch(mm)	16	16	16	16	16
	Liquid	inch(mm)	9.52	9.52	9.52	9.52	9.52
Dimensions (W×D×H)	Outline	mm	955*369*700	955*369*700	980*360*788	980*360*788	900*412*1345
	Packaged	mm	1026*455*735	1026*455*735	1097*478*967	1097*478*967	998*458*1515
Net weight/Gross weight		kg	54/58	54/58	80/89	80/89	106/118
Loading quantity	40'GP	-	/	/	96	96	50
	40'HQ	-	/	/	96	96	50

Model			GRS-CQ14Pd/NhH-K(O)	GRS-CQ16Pd/NhH-K(O)	GRS-CQ10Pd/NhH-M(O)	GRS-CQ12Pd/NhH-M(O)	GRS-CQ14Pd/NhH-M(O)	GRS-CQ16Pd/NhH-M(O)
Power Supply		V/Ph/Hz	220~240V/1Ph/50Hz	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	12.5	14.5	8.8	11	12.5	14.5
	Heating*4	kW	14	15.5	10	12	14	15.5
Power Input*1	Cooling*3	kW	3.05	3.82	1.96	2.56	3.05	3.82
	Heating*4	kW	3.22	3.6	2.17	2.64	3.22	3.6
EER/COP*1		W/W	4.1/4.35	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	12	13	7.8	9.5	12	13
	Heating*6	kW	14	15.5	10	12	14	15.5
Power Input*2	Cooling*5	kW	4.14	4.73	2.48	3.11	4.14	4.73
	Heating*6	kW	3.94	4.56	2.7	3.33	3.94	4.56
EER/COP*2		W/W	2.9/3.55	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	2.2
Sanitary water Temperature		℃	40~80	40~80	40~80	40~80	40~80	40~80
Sound Pressure Level	cooling	dB(A)	58	58	58	58	58	58
	heating	dB(A)	61	61	61	61	61	61
Connecting pipe	Gas	inch(mm)	16	16	16	16	16	16
	Liquid	inch(mm)	9.52	9.52	9.52	9.52	9.52	9.52
Dimensions (W×D×H)	Outline	mm	900*412*1345	900*412*1345	980*360*788	900*412*1345	900*412*1345	900*412*1345
	Packaged	mm	998*458*1515	998*458*1515	1097*478*967	998*458*1515	998*458*1515	998*458*1515
Net weight/Gross weight		kg	106/118	106/118	80/89	106/118	106/118	106/118
Loading quantity	40'GP	-	50	50	96	50	50	50
	40'HQ	-	50	50	96	50	50	50

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.

Model			GRS-CQ4.0Pd//NhH-K(I)	GRS-CQ6.0Pd/NhH-K(I)	GRS-CQ8.0Pd/NhH-K(I)	GRS-CQ10Pd/NhH-K(I)	GRS-CQ12Pd/NhH-K(I)
Power Supply		V/Ph/Hz	220~240V/1Ph/50Hz	220~240V/1Ph/51Hz	220~240V/1Ph/52Hz	220~240V/1Ph/53Hz	220~240V/1Ph/54Hz
Nominal input		W	100	100	100	100	100
Leaving water temperature	Cooling*1	℃	18	18	18	18	18
	Cooling*2	℃	7	7	7	7	7
	Heating*1	℃	35	35	35	35	35
	Heating*2	℃	45	45	45	45	45
Pump	Type	-	inverter	inverter	inverter	inverter	inverter
	Nr. Of speed	-	10	10	10	10	10
	Power input	W	75	75	75	75	75
	Water flow limit	LPM	9	9	9	9	9
Electric Heater	Operation	-	Field Supply	Field Supply	Field Supply	Field Supply	Field Supply
	Steps	-	2	2	2	2	2
	Capacity	kW	3	3	3	3	3
	Combination	kW	3+3	3+3	3+3	3+3	3+3
	Power input	V/Ph/Hz	220~240V/1Ph/50Hz	220~240V/1Ph/51Hz	220~240V/1Ph/52Hz	220~240V/1Ph/53Hz	220~240V/1Ph/54Hz
Sound pressure level		dB(A)	31	31	31	31	31
Connecting pipe	Gas	inch(mm)	16	16	16	16	16
	Liquid	inch(mm)	9.52	9.52	9.52	9.52	9.52
Dimensions(W×D×H)	Outline	mm	900x500x324	900x500x324	900x500x324	900x500x324	900x500x324
	Packaged	mm	1040x608x380	1040x608x380	1040x608x380	1040x608x380	1040x608x380
Net weight/Gross weight		kg	55/65	55/65	55/65	55/65	55/65
Loading quantity	40'GP	set	205	205	205	205	205
	40'HQ	set	246	246	246	246	246

Model			GRS-CQ14Pd/NhH-K(I)	GRS-CQ16Pd/NhH-K(I)	GRS-CQ10Pd/NhH-M(I)	GRS-CQ12Pd/NhH-M(I)	GRS-CQ14Pd/NhH-M(I)	GRS-CQ16Pd/NhH-M(I)
Power Supply		V/Ph/Hz	220~240V/1Ph/50Hz	220~240V/1Ph/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz
Nominal input		W	100	100	100	100	100	100
Leaving water tem-perature	Cooling*1	℃	18	18	18	18	18	18
	Cooling*2	℃	7	7	7	7	7	7
	Heating*1	℃	35	35	35	35	35	35
	Heating*2	℃	45	45	45	45	45	45
Pump	Type	-	inverter	inverter	inverter	inverter	inverter	inverter
	Nr. Of speed	-	10	10	10	10	10	10
	Power input	W	75	75	75	75	75	75
	Water flow limit	LPM	9	9	9	9	9	9
Electric Heater	Operation	-	Field Supply	Field Supply	Field Supply	Field Supply	Field Supply	Field Supply
	Steps	-	2	2	2	2	2	2
	Capacity	kW	3	3	3	3	3	3
	Combination	kW	3+3	3+3	3+3	3+3	3+3	3+3
	Power input	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
Sound pressure level		dB(A)	31	31	31	31	31	31
Connecting pipe	Gas	inch(mm)	16	16	16	16	16	16
	Liquid	inch(mm)	9.52	9.52	9.52	9.52	9.52	9.52
Dimensions(W×D×H)	Outline	mm	900x500x324	900x500x324	900x500x324	900x500x324	900x500x324	900x500x324
	Packaged	mm	1040x608x380	1040x608x380	1040x608x380	1040x608x380	1040x608x380	1040x608x380
Net weight/Gross weight		kg	55/65	55/65	55/65	55/65	55/65	55/65
Loading quantity	40'GP	set	205	205	205	205	205	205
	40'HQ	set	246	246	246	246	246	246

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.