

AIR TO WATER

Versati II

Versati II + (Split Type)

Versati III (Split Type)

Versati III (Monobloc Type)

Split Type Water Heater

Integral Type Water Heater

Versati II

Versati II water heater can perform cooling, heating, water heating, cooling+water heating, and heating+water heating. It can be connected to radiator, floor or fan coil for heat radiation.



Auxiliary electric heater



Golden fin condenser



Quiet function



Intelligent defrosting



Energy saving function



High efficiency



Easier maintainability.



Compact design



Low voltage startup

Item	Water Side		Heat Source/User Side	
	Leaving Water Temperature(°C)		Environment Dry Bulb Temperature(°C)	
Cooling	7~25		10~48	
Heating	25~55		-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.

- This unit is very powerful, smart and user-friendly, featuring various functions including holiday mode, absence mode, quiet mode, quiet preset, clock timer, weekly timer, holiday exclusion, floor setting, environment dependency mode, etc. .
- Cooling performance satisfies EU ERP energy efficiency, with a rating up to A++. Motor and water pump elements conform to the requirements set out by the EU Eco Directive.
- It can perform cooling, heating, water heating, cooling+water heating, and heating+water heating, and can be connected to radiator, floor or fan coil for heat radiation.



Outdoor Unit²

Model			GRS-CQ8.0Pd/NaE-K(O)	GRS-CQ10Pd/NaE-K(O)	GRS-CQ12Pd/NaE-K(O)	GRS-CQ14Pd/NaE-K(O)
Power supply		V/Ph/Hz	220~240/1/50	220~240/1/50	220~240/1/50	220~240/1/50
Capacity* ¹	Cooling	kW	7.8	8.2	12.5	13.5
	Heating	kW	8	10	12	14
Power input* ¹	Cooling	kW	2	2.1	3	3.4
	Heating	kW	1.8	2.3	2.8	3.3
EER/COP* ¹		W/W	4.0/4.5	3.9/4.4	4.2/4.3	4.0/4.2
Capacity* ²	Cooling	kW	6.3	7.2	8.5	9
	Heating	kW	7.6	9.5	11.5	12.5
Power input* ²	Cooling	kW	2.3	2.8	2.8	3
	Heating	kW	2.2	2.9	3.4	3.8
EER/COP* ²		W/W	2.7/3.4	2.6/3.3	3.1/3.4	3/3.3
Refrigerant charge volume		kg	2.3	2.3	3.6	3.6
Sanitary water temperature		°C	40~80	40~80	40~80	40~80
Sound pressure level	Cooling	dB(A)	56	56	58	58
	Heating	dB(A)	56	56	58	58
Connecting pipe	Gas	inch(mm)	φ15.9	φ15.9	φ15.9	φ15.9
	Liquid	inch(mm)	φ9.52	φ9.52	φ9.52	φ9.52
Dimensions (W×D×H)	Outline	mm	980×427×788	980×427×788	900×412×1345	900×412×1345
	Packaged	mm	1097×478×967	1097×478×967	998×458×1515	998×458×1515
Net weight/Gross weight		kg	80/89	80/89	107/117	107/117
Loading quantity	40'GP	set	96	96	50	50
	40'HQ	set	96	96	50	50

Model			GRS-CQ16Pd/NaE-K(O)	GRS-CQ12Pd/NaE-M(O)	GRS-CQ14Pd/NaE-M(O)	GRS-CQ16Pd/NaE-M(O)
Power supply		V/Ph/Hz	220~240/1/50	380~415V/3/50	380~415V/3/50	380~415V/3/50
Capacity* ¹	Cooling	kW	14.5	13.5	14.5	15
	Heating	kW	15.5	12	14	15.5
Power input* ¹	Cooling	kW	3.8	3.55	4.03	3.82
	Heating	kW	3.75	2.86	3.41	4.23
EER/COP* ¹		W/W	3.2/4.1	3.8/4.2	3.6/4.1	3.6/4.1
Capacity* ²	Cooling	kW	9.7	10	10.5	11
	Heating	kW	14.5	11.5	13	14
Power input* ²	Cooling	kW	3.3	3.33	3.62	3.86
	Heating	kW	4.5	3.48	3.94	4.38
EER/COP* ²		W/W	2.9/3.2	3.0/3.3	2.9/3.3	2.85/3.2
Refrigerant charge volume		kg	3.6	3.6	3.6	3.6
Sanitary water temperature		°C	40~80	40~80	40~80	40~80
Sound pressure level	Cooling	dB(A)	58	57	57	57
	Heating	dB(A)	58	57	57	57
Connecting pipe	Gas	inch(mm)	φ15.9	φ15.9	φ15.9	φ15.9
	Liquid	inch(mm)	φ9.52	φ9.52	φ9.52	φ9.52
Dimensions (W×D×H)	Outline	mm	900×412×1345	900×412×1345	900×412×1345	900×412×1345
	Packaged	mm	998×458×1515	998×458×1515	998×458×1515	998×458×1515
Net weight/Gross weight		kg	107/117	114/124	114/124	114/124
Loading quantity	40'GP	set	50	50	50	50
	40'HQ	set	50	50	50	50

Notes:

- 1.This product model is under development.
- 2.Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

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

- Cooling conditions.
- Indoor Water Temperature 23°C/18°C.
- Outdoor Air Temperature 35°CDB/24°CWB.
- Heating conditions.
- Indoor Water Temperature 30°C/35°C.
- Outdoor Air Temperature 7°CDB/6°CWB.
- Standing piping length 5m.

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

- Cooling conditions.
- Indoor Water Temperature 12°C/7°C.
- Outdoor Air Temperature 35°CDB/24°CWB.
- Heating conditions.
- Indoor Water Temperature 40°C/45°C.
- Outdoor Air Temperature 7°CDB/6°CWB.
- Standing piping length 5m.

Indoor Hydro Unit

Model	Indoor unit	GRS-CQ8.0Pd/NaE-K(I)	GRS-CQ10Pd/NaE-K(I)	GRS-CQ12Pd/NaE-K(I)
Power supply	V/Ph/Hz	220~240/1/50	220~240/1/50	220~240/1/50
Nominal input	W	6100	6100	6100
Leaving water temperature	Cooling ¹	°C	18	18
	Cooling ²	°C	7	7
	Heating ³	°C	35	35
	Heating ⁴	°C	45	45
Pump	Type	-	Water-cooled	
	Nr. of speed	-	Variable-speed	
	Power input	W	4-75	4-75
	Water flow limit	LPM		12
Electric heater	Operation	-	Automatic	
	Steps	-	2	2
	Capacity	kW	6	6
	Combination	kW		3+3
	Power input	Ph/V/Hz	1Ph/220~240V/50Hz	1Ph/220~240V/50Hz
Sound pressure level	dB(A)	31	31	31
Connecting pipe	Gas	inch(mm)	φ15.9	φ15.9
	Liquid	inch(mm)	φ9.52	φ9.52
Dimensions (W×D×H)	Outline	mm	981×500×324	981×500×324
	Packaged	mm	1043×608×395	1043×608×395
Net weight/Gross weight	kg	56/65	56/65	57/66
Loading quantity	40'GP	set	205	205
	40'HQ	set	246	246

Model	Indoor unit	GRS-CQ14Pd/NaE-K(I)	GRS-CQ16Pd/NaE-K(I)	GRS-CQ12Pd/NaE-M(I)	GRS-CQ14Pd/NaE-M(I)	GRS-CQ16Pd/NaE-M(I)
Power supply	V/Ph/Hz	220~240/1/50	220~240/1/50	380~415/3/50	380~415/3/50	380~415/3/50
Nominal input	W	6100	6100	6100	6100	6100
Leaving water temperature	Cooling ¹	°C	18	18	18	18
	Cooling ²	°C	7	7	7	7
	Heating ³	°C	35	35	35	35
	Heating ⁴	°C	45	45	45	45
Pump	Type	-	RS25/7.5	RS25/7.5	RS25/7.5	RS25/7.5
	Nr. of speed	-	800 / 4770	800 / 4770	800 / 4770	800 / 4770
	Power input	W	4-75	4-75	4-75	4-75
	Water flow limit	LPM		12		
Electric heater	Operation	-	Yes	Yes	Yes	Yes
	Steps	-	2	2	1	1
	Capacity	kW	6	6	6	6
	Combination	kW	3+3	3+3	6	6
	Power input	Ph/V/Hz	1Ph/220~240V/50Hz	1Ph/220~240V/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz
Sound pressure level	dB(A)	31	31	31	31	31
Connecting pipe	Gas	inch(mm)	φ15.9	φ15.9	φ15.9	φ15.9
	Liquid	inch(mm)	φ9.52	φ9.52	φ9.52	φ9.52
Dimensions (W×D×H)	Outline	mm	981×500×324	981×500×324	981×500×324	981×500×324
	Packaged	mm	1043×608×395	1043×608×395	1043×608×395	1043×608×395
Net weight/Gross weight	kg	57/66	57/66	58/67	58/67	58/67
Loading quantity	40'GP	set	205	205	205	205
	40'HQ	set	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)
	Hot water outlet	inch(mm)	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	φ620×1620
	Packaged	W×D×H	mm	1623×628×645	1648×708×725
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

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)
	Hot water outlet	inch(mm)	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	φ620×1620
	Packaged	W×D×H	mm	1623×628×645	1648×708×725
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

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

- Cooling conditions.
- Indoor Water Temperature 23°C/18°C.
- Outdoor Air Temperature 35°CDB/24°CWB.
- Heating conditions.
- Indoor Water Temperature 30°C/35°C.
- Outdoor Air Temperature 7°CDB/6°CWB.
- Standing piping length 7.5m.

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

- Cooling conditions.
- Indoor Water Temperature 12°C/7°C.
- Outdoor Air Temperature 35°CDB/24°CWB.
- Heating conditions.
- Indoor Water Temperature 40°C/45°C.
- Outdoor Air Temperature 7°CDB/6°CWB.
- 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
Normal input	W		6140	6140	6140	6140
Leaving water temperature	Cooling*1	°C	7	7	7	7
	Cooling*2	°C	18	18	18	18
	Heating*3	°C	35	35	35	35
	Heating*4	°C	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
	Operation	-	-	-	-	-
Electric Heater	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
	Packaged	W×D×H	mm	1623x628x630	1623x628x630	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
	Packaged	W×D×H	mm	1620x625x630	1620x625x630	1645x705x710
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.

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 °C while the leaving water temperature range is 25~60 °C.



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	°C/°F 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 °C, applicable to various heating terminals.



Item	Water Side	Heat Source/User Side
	Leaving Water Temperature(°C)	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	°C	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	°C	40~80	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)	16	16	16	16	16	
	Liquid	inch(mm)	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	
	Packaged	mm	998*458*1515	998*458*1515	1097*478*967	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	
	40'HQ	-	50	50	96	50	50	

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.

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.

- 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	°C	18	18	18	18
	Cooling ²	°C	7	7	7	7
	Heating ¹	°C	35	35	35	35
	Heating ²	°C	45	45	45	45
Pump	Type	-	inverter	inverter	inverter	inverter
	Nr. Of speed	-	10	10	10	10
	Power input	W	75	75	75	75
	Water flow limit	LPM	9	9	9	9
Electric Heater	Operation	-	Field Supply	Field Supply	Field Supply	Field Supply
	Steps	-	2	2	2	2
	Capacity	kW	3	3	3	3
	Combination	kW	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
Sound pressure level	dB(A)	31	31	31	31	31
Connecting pipe	Gas	inch(mm)	16	16	16	16
	Liquid	inch(mm)	9.52	9.52	9.52	9.52
Dimensions(W×D×H)	Outline	mm	900x500x324	900x500x324	900x500x324	900x500x324
	Packaged	mm	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
	40'HQ	set	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 temperature	Cooling ¹	°C	18	18	18	18	18
	Cooling ²	°C	7	7	7	7	
	Heating ¹	°C	35	35	35	35	
	Heating ²	°C	45	45	45	45	
Pump	Type	-	inverter	inverter	inverter	inverter	inverter
	Nr. Of speed	-	10	10	10	10	
	Power input	W	75	75	75	75	
	Water flow limit	LPM	9	9	9	9	
Electric Heater	Operation	-	Field Supply	Field Supply	Field Supply	Field Supply	Field Supply
	Steps	-	2	2	2	2	
	Capacity	kW	3	3	3	3	
	Combination	kW	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
Sound pressure level	dB(A)	31	31	31	31	31	
Connecting pipe	Gas	inch(mm)	16	16	16	16	
	Liquid	inch(mm)	9.52	9.52	9.52	9.52	
Dimensions(W×D×H)	Outline	mm	900x500x324	900x500x324	900x500x324	900x500x324	
	Packaged	mm	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	
	40'HQ	set	246	246	246	246	

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.

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.

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.



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 voltage range	Self-Diagnosis	Low voltage startup	Memory function	Intelligent Defrosting	°C / °F 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°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/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	°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	1150×390×756	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	°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	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°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.
 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.
 3. For floor cooling.
 4. For floor heating.
 5. For fan coil unit.
 6. For fan coil or radiator.

Split Type Water Heater

Gree split type water heater offers you with sufficient hot water, ensuring an warm and comfortable life to each family. Its installation is convenient and it is applicable for a family of 3 to 5 members.



- 
Self-diagnosis
- 
°C/°F switch
- 
Compact design
- 
Clock display
- 
Intelligent defrosting
- 
Easier maintainability
- 
Child lock

- **Safety and eco-friendly**
Water and electricity are separated to avoid possible electric shock. Without possible toxicities of CO, user's safety can be ensured. No pollutant is released during operation, so there is no damage to the environment.
- **Reliable and durable**
Adopting special compressor, the unit is resistant to high temperature and pressure. The water tank adopts advanced stainless steel inner container with magnesium sticks. The entire unit is with multiple protection functions to ensure long lifespan of the system.
- **Easy installation**
Without limitation of environment, the unit can be installed in kitchen, garage, stock room or basement. It is also suitable for skyscrapers, villa, and so on.
- **Easy operation**
Water temperature can be set. Water supply can be on or off depending on water temperature and water consumption, so that hot water can be supplied at any time. Unit on/off can be set by user according to requirements (the unit will stop once water temperature reaches the setting point). Running of unit in electric platykurtosis is possible to reduce electricity fee.
- **Intelligent defrosting**
The unit with anti-freezing and intelligent defrosting functions can efficiently prevent freezing and frosting.
- **All-day use**
The unit can make and supply hot water all day in despite of night, overcast and rainy days.



Outdoor Unit

Model		GRS-S3.0G/NbA-K	GRS-S3.5PdG/NaA1-K
Rated heating capacity ⁽¹⁾	W	2800	3500(1800~3700)
Rated input power ⁽¹⁾	W	700	833(360~910)
Load profile	-	L	L
COP ⁽²⁾	W/W	2.9	3.1
Energy efficiency class ⁽²⁾	-	A+	A+
Water heating energy efficiency ⁽²⁾	-	122%	130%
Heating time (7/6 °C , 15-55°C)	h	4.20	5.40
Maximum input power	W	1180+1500W (Electric Heater)	2000+1500W (Electric Heater)
Circuit breaker	A	16	16
Outlet water temperature	°C	Default: 55°C, 35°C~70°C	Default: 50°C, 35°C~55°C
Power supply	V/Ph/Hz	220-240V~50Hz	220-240V~50Hz
Insulation level	-	I	I
Protection of ingress ion	-	I PX4	I PX4
Refrigerant	Type	R134a	R410A
	Charge	kg	1.20
Outline dimensions	WxDxH	mm	848x320x540
Package dimensions	WxDxH	mm	948x363x600
Max. pipe length/height	m	20	20
Gross/Net weight	kg	41/35.5	44.5/38.5
Sound power level ⁽³⁾	dB(A)	61	63
Operating range	°C	-7~45°C	-25~45°C

- Notes:
- Value obtained with the following conditions: Outdoor temperature: 20°C DB/15°C WB; Water tank temperature (start/end): 15°C /55°C.
 - Value obtained with an air temperature of 7°C and a water inlet at 10°C , as per EN16147, (EU) No 814/2013.
 - Value obtained as per EN 12102-2008.
 - Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.
 - GRS-S3.0G/NbA-K is fixed-frequency model with refrigerant of R134a;GRS-S3.5PdG/NaA1-K is inverter model with refrigerant of R410A.

Water Tank

Model		SXD200LC/JW/C1-K	SXTD200LC/JW/A-K
Capacity	L	185	185
Power supply for electric heater	-	220V-240V~50Hz	220V-240V~50Hz
Input power for electric heater	W	1500	1500
Max. operation pressure	Mpa	0.70	0.70
Outline dimensions(WxDxH)	mm	545x545x1919	462x462x1944
Package dimensions(WxDxH)	mm	2009x656x625	583x583x2045
Water tank gross/Net weight	kg	60/52	88/75
Outer size of connection pipe	mm	Φ6, Φ9.52	Φ6, Φ9.52

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



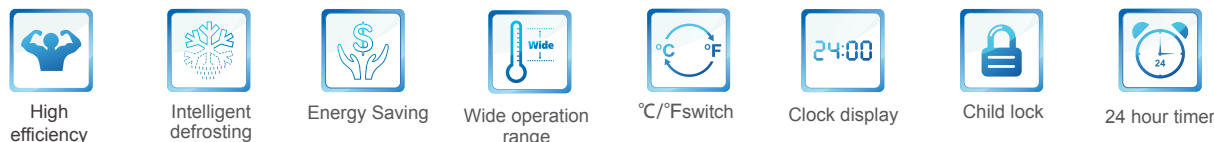
Integral Type Water Heater

The unit is with new integrated structure, concise design, and centrifugal type wind system design, which can connect air inlet pipe and air outlet pipe. This unit is applicable for garage, storage room, balcony and other household locations.



Controller XK64

Controller ZF5201



- **Safety and eco-friendly**
Water and electricity are separated to avoid possible electric shock. Without possible toxicities of CO, user's safety can be ensured. No pollutant is released during operation, so there is no damage to the environment.
- **Reliable and durable**
Adopting special compressor, the unit is resistant to high temperature and pressure. The water tank adopts advanced stainless steel inner container with magnesium sticks. The entire unit is with multiple protection functions to ensure long lifespan of the system.
- **Easy installation**
Without limitation of environment, the unit can be installed in garage, stock room or basement. It is also suitable for skyscrapers, villa, and so on. Installation and maintenance is convenient for its no cycle waterway system.
- **Easy operation**
Water temperature can be set. Water supply can be on or off depending on water temperature and water consumption, so that hot water can be supplied at any time. Unit on/off can be set by user according to requirements (the unit will stop once water temperature reaches the setting point). Running of unit in electric platykurtosis is possible to reduce electricity fee.
- **Intelligent defrosting**
The unit with anti-freezing and intelligent defrosting functions can efficiently prevent freezing and frosting.
- **All-day use**
The unit can make and supply hot water all day in despite of night, overcast and rainy days.



Model		GRS-2.4/D270ANbA-K*	GRS-1.5/TD150ANbA-K*	GRS-1.5/TD200ANbA-K*	GRS-1.5/D150ANbA-K	GRS-1.5/D200ANbA-K
Capacity	kW	2.4	1.5	1.5	1.5	1.5
Power input	kW	0.685	0.429	0.429	0.429	0.429
Load profile	-	XL	L	L	L	L
COP _{DHW}	W/W	2.61	2.47	2.24	2.47	2.47
Water heating energy efficiency		105%	104%	95%	104%	104%
Energy efficiency class		A	A	A	A	A
Refrigerant	-	R134a	R134a	R134a	R134a	R134a
Refrigerant charge volume	kg	1.1	0.8	0.8	0.8	0.8
Circuit breaker	A	16	16	16	16	16
Refrigerant design pressure	MPa	2.8	2.8	2.8	2.8	2.8
Tank design pressure	MPa	0.8	0.8	0.8	0.8	0.8
Max. operation pressure	MPa	0.8	0.8	0.8	0.8	0.8
Heating time (7/6 °C, 15-55°C)	h	7.10	6.50	9.20	6.10	8.00
Running ambient temperature	°C	-7~45	0~45	0~45	0~45	0~45
Outwater temperature	°C	35~70	35~70	35~70	35~70	35~70
Air flow rate	m³/h	300	/	/	/	/
Available static pressure	Pa	40	/	/	/	/
Max. length of air connection	m	5	/	/	/	/
Sound pressure level(heating)	dB(A)	49	50	50	50	50
Sound power level(heating)	dB(A)	60	62	62	61	61
Volume	L	270	150	190	150	190
Water pipeline	Water Inlet Pipe	inch	0.79	0.79	0.59	0.59
	Water Outlet Pipe	inch	0.79	0.79	0.59	0.59
	Drainage Pipe	inch	0.79	0.79	0.59	0.59
Dimensions(W×D×H)	Outline	mm	660×667×1958	621×561×1760	621×561×2030	591×591×1685
	Packaged	mm	813×813×2100	731×717×1845	731×717×2110	703×703×1765
Net wight/Gross weight	kg	114/139	92/112	102.5/122.5	73.5/88	79/95.5
Loading quantity	40'GP/40'HQ	set	28/28	48/48	48/48	48/48
Material of inner tank	-	Stainless steel (SUS304L)	Enamel	Enamel	Enamel	Enamel

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

*1:This model can not installed with air duct.

*2:This model can installed with air duct.