



By  **Dettson**

VERSATI II HOT WATER HEATING SYSTEM



Find out more at www.dettson.com



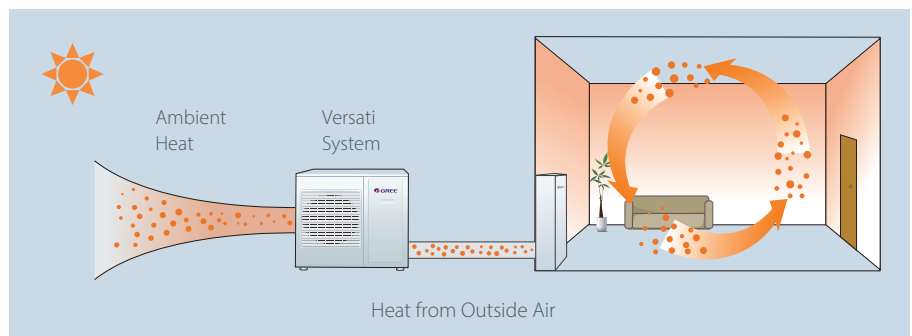
SUSTAINABLE ENERGY

Versati II+ uses DC Inverter Technology, R410a refrigerant with Zero Ozone Depletion and achieves a C.O.P. of up to 4.56

HEAT PUMP TECHNOLOGY LOWER ENERGY CONSUMPTION AND CO2 EMISSIONS

The Versati II Hot Water series is a DC inverter, Multi-function Air-To-Water heat pump which has adopted advanced heat pump technology. Working on the same principle as a regular heat pump the Versati II units absorb natural heat from the ambient air and use this to heat water for home heating and domestic hot water usage. In summer the Versati II can reverse cycle and provide cold water for summer cooling.

The Versati II Series is the latest in domestic and light commercial energy efficient hot water heating. With a massive operating range from -20°C to 45°C (-4°F to 113°F) the Gree Versati II Series has got your water heating covered.



ECO-FRIENDLY

The Versati II System uses R410A, a more eco-friendly refrigerant which has an ozone depletion rating of zero. Moreover, with advanced heat pump technology and powerful hardware, the efficiency of your Versati II has been improved, resulting in much lower energy consumption. It is an eco-friendly product, which is in line with our social commitment to protect the environment.



FIVE OPERATING MODES

Heating

Cooling

Water Heating

Heating + Water Heating

Cooling + Water Heating

Wide Range of Operation Temperature

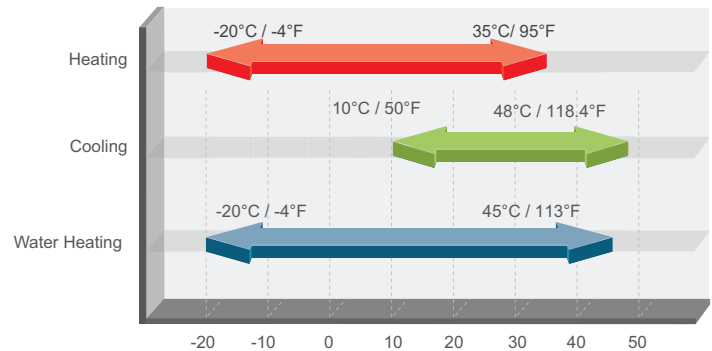
Heating -20~35°C | (-4~95°F)

Cooling 10~48°C | (50~118.4°F)

Water Heating -20~45°C | (-4~113°F)

Hot Water Temperature Range

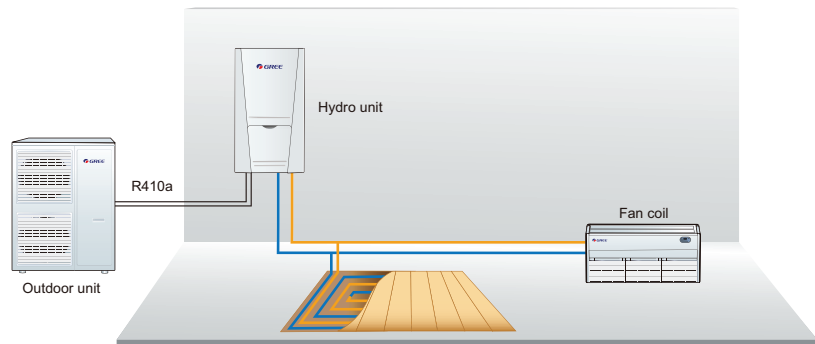
Domestic water 40° to 80°C | (104 to 176°F)



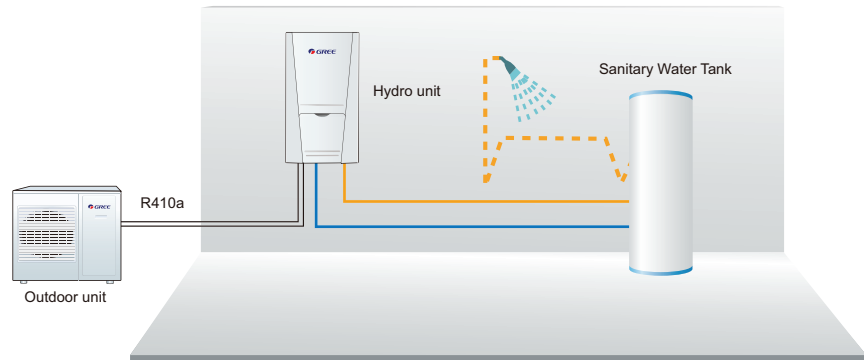
Heating - Fan Coil/Radiator: 25°C ~ 55°C (77°F ~ 131°F)
Floor : 25°C ~ 45°C (77°F ~ 113°F)

Cooling - Fan Coil/Radiator: 7°C ~ 25°C (45°F ~ 77°F)
Floor : 18°C ~ 25°C (65°F ~ 77°F)

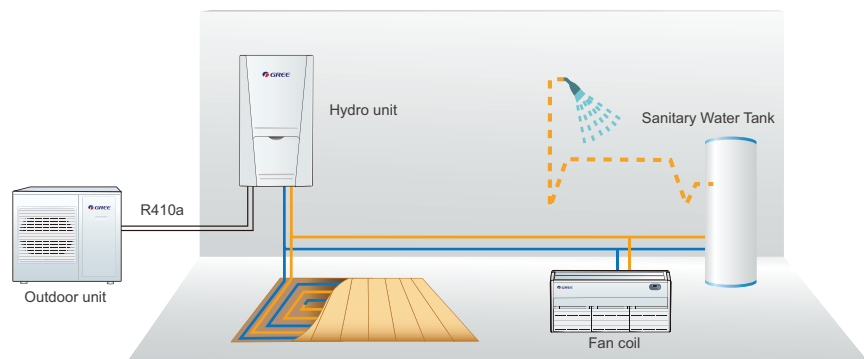
Heating / Cooling



Water Heating



Heating / Cooling with Water Heating



SPECIFICATIONS

The indoor hydro-box transfers the heat energy in the refrigerant to the water circulated in the central heating radiators, underfloor heating system and sanitary hot water heating system and sanitary hot water tank. If you opt for the combination of heating and cooling, then the indoor unit can also decrease the water temperature to distribute to radiators or underfloor for summer cooling. The Versati II Split Type is suitable for applications where there is a long distance between where the hot water is required and where the outdoor unit can be mounted.



Model - Outdoor Unit		GRSCQ16PdNaEDO	
Power Supply		V/Ph/Hz	208/230V / 1Ph / 60Hz
Capacity (Underfloor)	Cooling	kW	14.5
	Heating	kW	15.5
Power Input (Underfloor)	Cooling	kW	3.8
	Heating	kW	3.75
EER/COP (Underfloor)		W/W	3.82/4.13
Capacity (Fan Coil)	Cooling	kW	9.7
	Heating	kW	14.5
Power Input Fan Coil	Cooling	kW	3.3
	Heating	kW	4.5
EER/COP		W/W	2.94/3.22
Refrigerant Charge Volume		kg	3.6
Sanitary Water Temperature		°F	(104~176)
Sound Pressure Level	Cooling	dB(A)	58
	Heating	dB(A)	58
Connecting Pipe Diameter	Gas	inch (mm)	φ 5 / 8 (15.9)
	Liquid	inch (mm)	φ 3 / 8 (9.52)
Dimensions (W x D x H)	Outline	Inch(mm)	35x16x53 (900x412x1345)
	Packaged	Inch (mm)	39x18x60 (998x458x1515)
Net Weight/Gross Weight		lbs (kg)	235/ 258 (107/ 117)
Loading Quantity	40'GP	-	50
	40'HQ	-	50

Model - Indoor Unit		GRSCQ16PdNaEDI	
Power Supply		V/Ph/Hz	208/230V / 1Ph / 60Hz
Nominal Input		W	6200
Leaving Water Temperature	Cooling (FCU)	°C (°F)	7~25° (44~77°)
	Cooling (Underfloor)	°C (°F)	18~25° (64~77°)
	Heating (FCU)	°C (°F)	25~55° (77~131°) High
	Heating (Underfloor)	°C (°F)	25~45° (77~113°) Low
Water Pump (Not Included)	Type	-	Water-cooled
	Nr. of Speed	-	-
	Power Input	W	-
	Water Flow Limit	LPM	12
Electric Heater	Operation	-	Automatic
	Steps	-	2
	Capacity	W	3000
	Combination	W	3000
Expansion Vessel	Power Input	Ph/V/Hz	1 / 230 / 50
	Volume	Litre(Gallons)	10 (2.6)
	Water Pressure (Max)	Bar (PSI)	3 (43.5)
	Water Pressure Pre	Bar (PSI)	1 (14.5)
Sound Pressure Level		dB(A)	31
Connecting Pipe Diameter	Gas	Inch(mm)	φ 5 / 8 (15.9)
	Liquid	Inch(mm)	φ 5 / 8 (15.9)
Dimensions (W x D x H)	Outline (W x D x H)	Inch (mm)	39x13x20(981x324x500)
	Packaged(W x D x H)	Inch (mm)	41x16x24 (1043x395x608)
Net Weight/Gross Weight		lbs (kg)	121/141 (55/64)
Loading Quantity		40'GP / 40'HQ	- / 205 / 246

Underfloor Test Conditions: Cooling: Indoor Water Temperature: 73.4°F/64.4°F(23°C/18°C); Outdoor Temperature: 95°F DB/75.2°F WB(35°C DB/24°C WB) . Heating: Indoor Water Temperature: 86°F/95°F(30°C/35°C); Outdoor Temperature: 44.6°F DB/42.8°F WB(7°C DB/6°C WB) Fan Coil Unit Test Conditions: Cooling: Indoor Water Temperature: 53.6°F/45°F(12°C/7°C); Outdoor Temperature: 95°F DB/75.2°F WB(35°C DB/24°C WB) Technical specifications are tested under laboratory conditions and may differ as a result of installation application.



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Specifications subject to
change without notice

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