



GS SERIES

DOMESTIC & COMMERCIAL WATER & AIR HEATING/COOLING



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55°C
HOT WATER

GROUND SOURCE HEAT PUMP

Water operation range	7°C to 55°C
Source water operation range	5°C to 40°C
Used for	Domestic & commercial: water & heating/cooling
Suitable for	Residential, MORE



Heating



Cooling



ENERGY FROM THE EARTH

The GS series of ground source heat pumps are ideally suited to areas where the subterranean water table temperature is higher than the average air temperature.

The GS series use water sourced from bores drilled into the ground to circulate water through the unit. Water system can either be an open or closed loop. As subterranean water maintains a constant temperature that is often warmer than ambient air temperatures, the GS system is particularly effective in colder climates or locations.

GS units can also be connected to water sources such as streams, rivers, lakes, ponds and even the ocean if the water source is close by. It's possible to install and run a GS Series heat pump anywhere in Australia from lake side hotel, to inner city Melbourne, to a Thredbo resort.

FLEXIBLE INSTALLATION

With flexible installation option you can run the GS unit using a nearby water source such as a lake or river. Alternately, you can use conventional plumbing.

REVERSE CYCLE

The GS series features reverse cycle for both heating and cooling!

SMALL & COMPACT

Once installed, the GS Series hydronic heating system looks the same as any other heating or cooling system, using regular ducting, radiators or coils and thermostat controls.

**LARGE CAPACITIES AVAILABLE
UP TO 3500KW ON REQUEST**



CHEAP TO RUN

The installation costs are slightly higher than other systems however the GS Series pays for itself many times over during its lifetime. Expect savings of up to 80% off on your energy bills for underfloor heating and water heating.

ROBUST & RELIABLE

This series comes with commercial grade controls and compressor system, using the same robust control and compressor system as our commercial CHV. It also comes with 3 inbuilt Wilo water pumps for groundwater supply loop and 2 other heating/cooling applications.

BUILT TO LAST

The GS Series is built to last with a fully galvanized powder-coated steel frame.

HEAT PUMP GROUND LOOPS



MODEL			GS15	GS17
Heating Capacity		kW	15.0	17.0
Cooling Capacity		kW	13.0	15.0
Heating Power Input		kW	3.0	3.4
Cooling Power Input		kW	3.3	3.8
Heating Running Current		A	5.4	6.1
Cooling Running Current		A	5.9	6.8
Power Supply		V/Ph/Hz	410/2/50	410/3/50
Compressor	Type Number		Scroll 1	Scroll 1
Heating Source	Type		Plate	Plate
	Water Flow Volume	m ³ /h	3.3	3.7
	Water Pressure Drop	kPh	14.5	16
	Water Connection (Input)	"	1	1
	Pump Power Input	kW	0.2	0.2
	Water Heat	m	5	5
Using Wide	Type		Plate	Plate
	Water Flow Volume	m ³ /h	2.4	2.7
	Water Pressure Drop	kPh	21	25
	Water Connection (Input)	"	1	1
	Pump Power Input	kW	0.2	0.2
	Water Heat	m	6	6
Noise		dB(A)	42	42
Min/Max Operating Air Temp		°C	5°C to 40°C	5°C to 40°C
Min/Max Operating Water Temp		°C	7°C to 55°C	7°C to 55°C
Unit Weight		kg	150	152
Shipping Weight		kg	165	167
Heating: Using Side Water Temp. (In/Out): 30°C/35°C, Heat Source Water temp. (In/Out): 0°C / -. Cooling: Using Side Water Temp. (In/Out): 12°C/7°C, Heat Source Water temp. (In/Out): 25°C/30°C				

COMPANY PROFILE

At EVO we strive for development and change, a constant progression in our products and systems.

Everything starts with the right advice. Our focus is on you, and your exclusive heating needs.

Our overriding principle has always been to excel in introducing the latest technology,

What is exclusive to EvoHeat is exclusive to you!

Products made to the highest standard – Materials like Titanium, environmentally responsible R410a refrigerant and an overall standard that has gained ISO9001 and other International Standard certifications.

PEACE OF MIND IS A STANDARD FEATURE

EvoHeat is 100% Australian owned and is a leading specialist supplier of heat pumps for domestic and commercial pool applications.

Evo technology leads the world in energy savings and environmental responsibility. We care for our environment!. Evo is registered under the Australian Government's Ozone Protection and Synthetic Greenhouse Gas Act.

Evo has the product range and the capability to supply even the largest liquid heating and cooling requirements. Applications as diverse as domestic and commercial hot water, industrial water heating and cooling, aquaculture and agriculture are met with a complete range of products that exceed client expectations every time.



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ISO9001

ROHS



CB

CE



EMCcertified
Production accredited