

GEBWELL

Gebwell

Ground source heat pump



Use the heat from your land

Increase the value of your plot by investing into a Gebwell ground source heat pump – this will also reduce your heating expenditure and carbon footprint!

Gebwell ground source heat pump is smart and reliable



Ground source heating is an environment-friendly, convenient and pleasant heating option that will repay its price within a few years. The larger the building and the higher the heating energy consumption, the more profitable the ground source heat pump will be.

Gebwell ground source heat pumps are maintenance-free, silent, and energy-efficient. Qi ground source heat pump is designed specifically for single-family dwellings; besides heating, the pumps are good for hot water production. Qi ground source heat pump has an in-built hot water accumulator.

Gebwell T² ground source heat pump is designed for larger single-family houses or properties with high level of energy or hot domestic water consumption. T² heat pump is connected to a separate accumulator as G-Energy HPe.



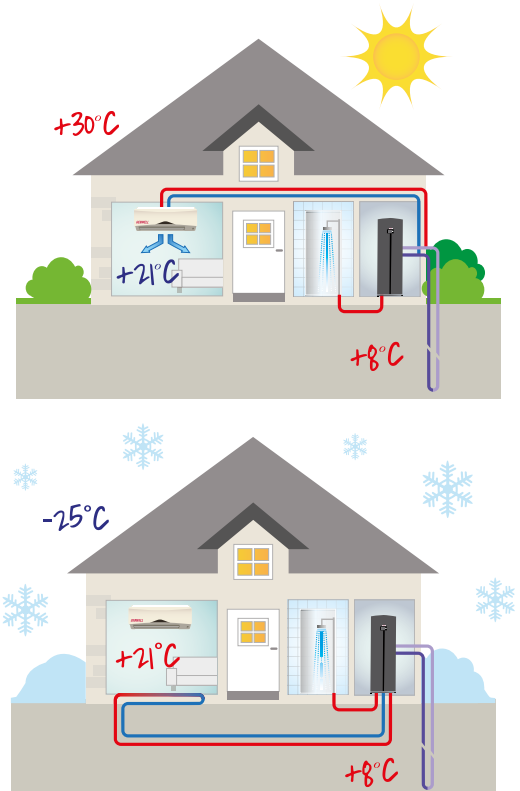
Ground source heat pump operation principle

A ground source heat pump collects solar and geothermal heat energy stored in the ground and transfers it for the purposes of heating and domestic hot water production. With the help of the heat pump technology, the free thermal energy stored in base rock can also be used for cooling purposes.

The collector piping can be installed into soil, drilled into base rock, or submerged into a nearby body of water. Geothermal wells are the most common solution for heat collection – these fit even the smallest of plots. A permit must be acquired for collector piping installation; for more information on permit issues, contact your Gebwell dealer.

Of guaranteed Finnish origin!

The Gebwell ground source heat pumps are designed and manufactured in Finland. Because of this, they are perfectly suitable for Nordic climate.



Make a worthwhile investment well into the future

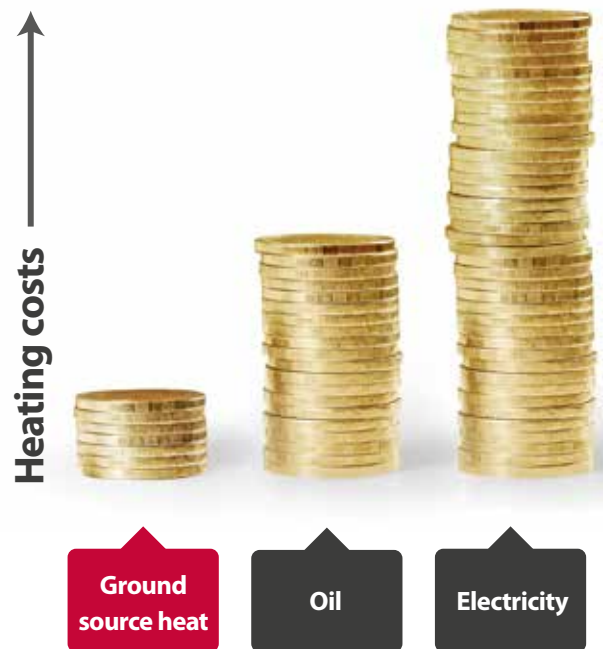
Ground source energy does not cause emissions accelerating global warming, for which reason the heating technology is highly economical.

Choosing ground source energy is good for your wallet and the environment alike; ground source heating cuts your heating expenditure, increases the value of your real estate, and protects against fluctuations in energy prices. Furthermore, a ground source heat pump is virtually maintenance and inspection-free.

80 % savings in energy expenditure

Ground source energy can help you to save up to 80% of the conventional heating expenditure! A ground source heat pump produces approx. 3 kW of heating energy per each kW of electrical energy used.

The money saved means that a Gebwell ground source heat pump will repay itself in 5-7 years.



Why choose Gebwell?

- ✓ Environment-friendly
- ✓ Energy efficient
- ✓ Very quiet
- ✓ Five-year warranty
- ✓ Made in Finland
- ✓ Turnkey delivery



Technical data – Qi ground source heat pump

	Qi6	Qi8	Qi10	Qi13
Heating output, kW*	5,3 / 4,9	7,4 / 6,8	9,4 / 8,5	13,3 / 12,2
COP	4,8 / 2,9	4,6 / 2,8	4,7 / 2,9	4,8 / 3,0
Energy class**	A+++	A+++	A+++	A+++
Add. electric resistor can be connected, kW	3 / 6 / 9	3 / 6 / 9	3 / 6 / 9	3 / 6 / 9
Recommended fuse size				
Additional electric resistor 3kW, A	3x16	3x16	3x16	3x16
Additional electric resistor 6kW, A	3x16	3x16	3x20	3x20
Additional electric resistor 9kW, A	3x20	3x25	3x25	3x25
Depth x width x height, mm		680 x 600 x 1895		
Weight, kg	240	240	240	250
Domestic hot water accumulator, l	185	185	185	185
Refrigerant R407C, kg	1,8	1,8	1,8	2,2

Technical data – T² ground source heat pump

	T ² 6	T ² 8	T ² 10	T ² 13	T ² 16	T ² 20	T ² 26	T ² 32
Heating output, kW*	5,3 / 4,9	7,4 / 6,8	9,4 / 8,5	13,3 / 12,2	15,9 / 14,6	22,5 / 20,3	30,5 / 27,3	34,6 / 30,9
COP	4,8 / 2,9	4,6 / 2,8	4,7 / 2,9	4,8 / 3,0	4,8 / 2,9	4,5 / 2,7	4,7 / 2,8	4,8 / 2,9
Energy class**	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
Fuses, A	3x10	3x10	3x10	3x16	3x16	3x20	3x25	3x32
Depth, width, height, mm				775 x 600 x 1200				
Weight, kg	168	172	180	195	205	230	230	225
Refrigerant	R407C	R407C	R407C	R407C	R407C	R410A	R410A	R410A
Refrigerant amount, kg	1,8	1,8	1,8	2,2	2,5	2,9	2,9	2,9

* Power values stated at temperatures 0°/35° and 0°/55°

** System energy efficiency class - intermediate climate conditions, underfloor heating

Start saving – act now!

In addition to the ground source heat pump, our offers include equipment installation, geothermal well drilling, collector piping implementation, user training, and safe and efficient warranty service – everything you need.



ISO 9001 quality certificate



Gebwell Oy is a member
of the Finnish Heat Pump
Association SULPU

Your dealer:

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