EXCEPTIONAL COMFORT

FOR YOUR HOME

Provided by Thermia
ground source heat pumps



LEADING THE WAY, FOR OVER 50 YEARS, FOR GENERATIONS OF FAMILIES

Heat pumps are now an accepted way to heat and cool buildings using renewable energy.

More than 50 years ago, Thermia developed the first domestic heat pump system to provide residential homes with warm winters, cool summers and plenty of hot water.

Ever since, we have done our utmost to lead the way in evolving and improving our heat pumps to give our customers optimum home comfort. Now we are proud to present our latest geothermal generation, the Thermia Sigrin.

As a ground source heat pump, the Thermia Sigrin offers an outstanding level of performance with a SCOP (Seasonal Coefficient of Performance) of 5,48.

Thermia's ambition is to always be one step ahead and offer innovative solutions that address evolving customer demands. The Thermia Sigrin is a ground source heat pump that meets customer needs while remaining as easy to install as a traditional heat pump, with no additional piping required.

- **IMPRESSIVE HEATING PERFORMANCE SCOP 5,48****
- **EASY TO INSTALL WITH NO DEMAND ON EXTRA PIPING.**
- **EXCELLENT RETURN ON INVESTMENT IN YOUR HOME**



A COMFORTABLE HOME WITH RENEWABLE ENERGY FOR YEARS TO COME

The Thermia Sigrin will keep your home in the optimum comfort zone anywhere in Europe all year round, with a steady supply of heating, cooling and hot water. It prevents excess energy consumption and will use renewable energy for heating, cooling and hot water for your home for many years to come.

With a discreet Scandinavian design that will fit beautifully into any contemporary home, the Thermia Sigrin is ideal for homes of all sizes and will give you hassle-free service for many years, while you enjoy.

A POWERFUL HEATING SYSTEM

VERY LOW SOUND LEVEL

LOTS OF HOT WATER (277 LITRES*)**

The Thermia Sigrin is available in different sizes with a wide range of accessories from which you can choose as required.

Our Thermia heat pump experts will help you choose the right solution based on your needs, the technical profile and energy distribution system of your house.



PEACE OF MIND

Ground source heat pumps use renewable energy from the sun stored in the ground instead of fossil fuels. This makes the Thermia Sigrin a solution for the future which will help you contribute to the EU's commitment to derive 42,5 % of European Energy from renewable sources by 2030 – while increasing the comfort of your home at the same time.

The Thermia Sigrin uses Thermia's Inverter Technology, which combines the compressor, inverter and controller into one system, to ensure optimum performance across all climate zones in Europe. The inverter-controlled compressor adjusts the heat load in real time according to the current heat demand. This means the Thermia Sigrin never produces more energy than you need, so you save money.

HEATING PERFORMANCE
5,48
SCOP**

HOT WATER
277
LITRES***

LOW
SOUND LEVEL



EFFECTIVE, CLEAN AND COMFORTABLE

Ground source heat pumps operate on a simple principle; it transfers energy from the ground to a comfortable indoor climate. They typically offer high performance in heating (SCOP) and use a renewable energy source.

Hence, in addition to delivering comfortable heating, cooling and hot water for many years to come, they are also a stable long-term investment in your home.

WARM IN WINTER

The heat pump concentrates low grade heat from below ground, raises the temperature and transfers it to the domestic energy distribution system – usually radiators, hydronic floor heating or fan coils for your comfort.

COOL IN SUMMER

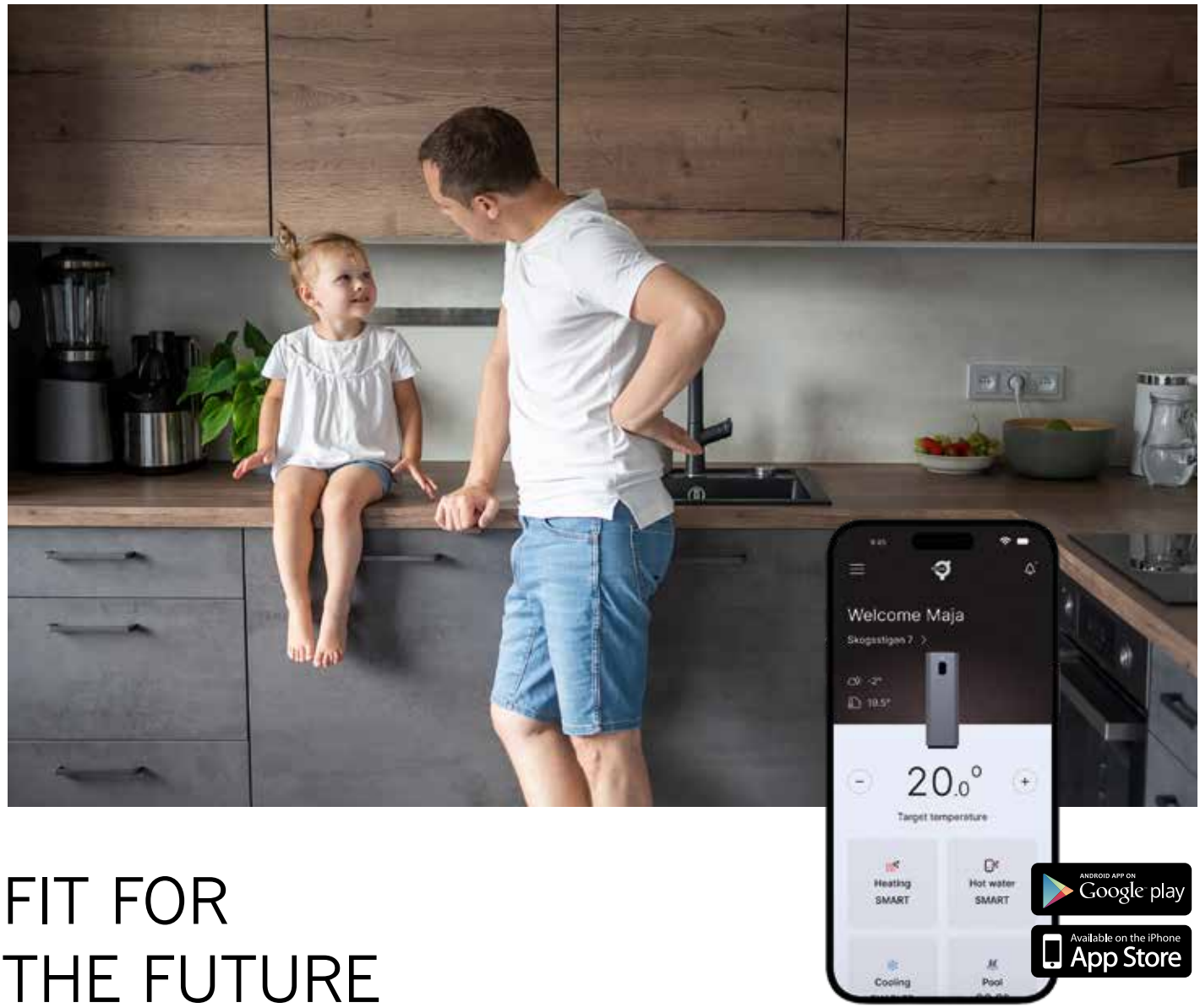
An optional module allows you to reverse the energy process in summer by adding a passive cooling function, which absorbs heat from the house and deposits it into the ground. The cold brine circulating in the underground loops is used to produce natural cooling for your home via underfloor heating systems or fan coils.

PLENTY OF HOT WATER

The integrated Tap Water Stratification (TWS) system ensures extremely rapid production of domestic hot water. It provides hot water fast and at high temperature. This guarantees a high volume of hot water at the lowest possible cost.

QUIET & DISCREET

The Thermia Sigrin is one of the quietest heat pumps on the market. During operation, it generates just 38 dB(A). Together with the elegant and functional Scandinavian design, this means the Thermia Sigrin is easy to place in your home.



FIT FOR THE FUTURE

Over the next decade, both new buildings and retrofit projects will need to adhere to ever higher standards and regulations. At the same time, customers demand ease of use and connectivity, as well as high performance and easy installation. The Thermia Sigrin is designed to meet all of these challenges.

With the Thermia Sigrin, you will be making an informed choice of technology for the next generation while effectively ensuring the comfort of the current generation at the same time.

It is ideal for new energy-efficient homes, as well as for retrofitting projects where the Energy Source Control function will ensure a smooth transition from an old heat pump to the future.

It is an all-in-one solution that works with both underfloor heating or radiators. It even supports optional cooling or pool heating and, if you are in doubt, skilled Thermia heat pump experts are ready to help you find the right solution.

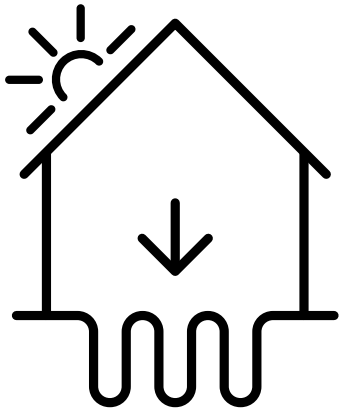
COMFORT IN THE PALM OF YOUR HAND

Thermia Sigrin has a control system that is so easy to use. It is completely intuitive, with user friendly graphs and icons. The self-managing controller uses an algorithm to achieve the lowest possible running costs, while maintaining the desired temperature for heating, cooling or hot water.

It features built-in Wi-Fi and 4G**** for seamless connectivity and, thanks to the MyThermia app, you can monitor and control your heat pump from anywhere, checking the performance, regulating the temperature and monitoring diagnostics data.

The Thermia Sigrin is ‘Smart Grid Ready’ which enables seamless interaction between the heat pump and the electricity grid and you may also benefit from electricity spot price management through the free Smart Price add-on service.

ASK YOUR THERMIA EXPERT



The Thermia Sigrin is a ground source heat pump that extracts energy from the sun stored in the ground. Once it is installed, you will not have to worry about the comfort of your home for many years to come.

It is available in three different models for different types of homes. With a wide range of accessories, each of the models can also provide cooling, heat a swimming pool or work in combination with solar thermal panels or other additional heat sources.

With the Thermia wireless room sensor you can monitor and set a comfortable temperature from anywhere in the house. The Thermia room sensor is available in black or white to accommodate your interior design.



Duo models are specifically designed to work with a separate hot water tank: MBH G 200 and MBH G 300, or any other hot water tank.

Thermia heat pump experts will help you select the right Sigrin model to meet your needs and ensure a safe installation.

Energy class
according to Eco-design Directive 811/2013

System



Product



	Sigrin 9	Sigrin 13	Sigrin 19
Refrigerant	R454C	R454C	R454C
GWP	146	146	146
Heating output range (kW)	3 – 9	5 – 13	7 – 19
SCOP – in a cold climate**	5,35	5,48	5,39
SCOP – in average climate**	5,15	5,28	5,19
Hot water volume (40°C, L) According to EN16147, according to XL cycle	257	277	624
Sound power level dB(A) according to EN12102 and EN ISO 3741 (B0/W35)	38–46	39–48	38–49

*GWP for R454C according to EU 2024/573 is 146. **SCOP according to EN 14825 for underfloor heating, SCOP (Seasonal Coefficient of Performance) is a measurement that shows how effective a heat pump is on an annual basis, averaged across all seasonal weather conditions. *** Hot water performance according to EN16147, V40 according to XL cycle with the control computer set for Comfort mode and built-in hot water tank. **** With 4G, there is no need for Wi-Fi via a router or a cable. The 4G connection is free of charge until 30 April 2028.

Thermia AB reserves the right to make changes without further notice. September 2026.



1973. JBC was the first heat pump to combine a ground source heat pump, hot water tank, controls and auxiliary heating all in one unit.



2026. The modern ground source heat pump Sigrin with a 184 litre hot water tank, easy to install and with a user-friendly control via display and app.

THERMIA. PASSION FOR INNOVATION SINCE 1923.

PIONEERING HEAT PUMPS

For more than 50 years, we have dedicated all our resources and knowledge to developing and endlessly refining one product: the heat pump. Our focus on geothermal energy has led to world-leading knowledge in heat pump technology.

ENGINEERED WITH PASSION

Developing the best possible, highest performing, heat pumps can only be achieved with passionate, dedicated and uncompromising experts. Some of Europe's most highly qualified engineers can be found in our own R&D centre.

THE HEART OF YOUR ENERGY SYSTEM

Expert planning and installation are critical to the effectiveness of your system, and all Thermia heat pumps are installed by a Thermia heat pump expert, who will not only ensure the best possible result, but also be on hand to help post installation.

Thermia

www.thermia.com