



SUPERB PERFORMANCE

IN HEATING, COOLING
AND HOT WATER



FIRST CLASS COMFORTABLE LIVING

The Thermia Atlas heat pump is the top model in our premium domestic range. An excellent SCOP (Seasonal Coefficient of Performance) rating, low running costs versus fossil fuel-based systems, superb hot water production and the lowest sound level in its class all ensure comfortable living.

Moreover, as a Swedish company, the Thermia Atlas features the best of Scandinavian design.

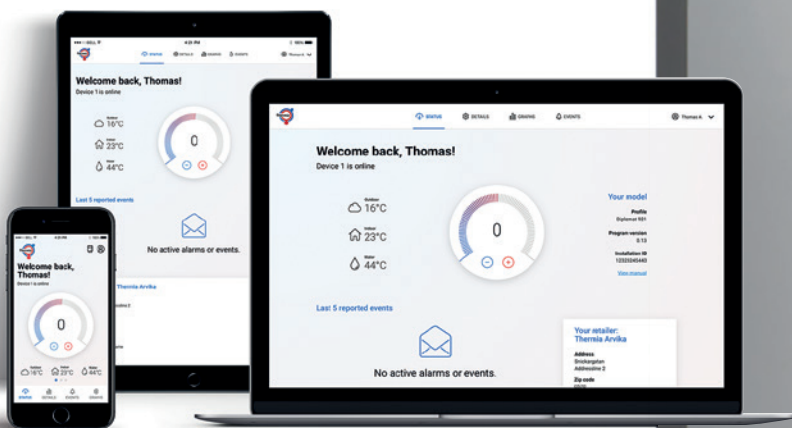
A LEADER IN GROUND SOURCE ENERGY

The Thermia Atlas sets extremely high standards for energy consumption and living comfort in all areas:

- › Heating and cooling (SCOP* 6,15)
- › Hot water production (545 litres)
- › Sound level (30-43dB)
- › Design and functionality

The Thermia Atlas was designed based on decades of learning in heat pumps at Thermia and a desire to set new standards in all areas.

It has a very high SCOP (Seasonal Coefficient of Performance) level with a peak at 6,15, a performance level that ensures an outstanding comfort level for heating, cooling and the production of hot water in buildings.



CLEAN, COMFORTABLE & RELIABLE



**HEATING
AND COOLING**
6,15 SCOP*

HOT WATER
545 LITRES

**SOUND OF
SILENCE**
30-43 DB

Ground source heat pumps are a good choice for the future as they use renewable energy instead of energy from fossil fuels. This means they can be part of your personal contribution to the commitment to derive 32% of European energy from renewable sources by 2030.

And, as they are cheaper to run than systems based on fossil fuels, they will also save you money.



A LEADER FOR HEATING

The Thermia Atlas uses an algorithm that ensures the lowest possible running cost to maintain the desired indoor temperature. At the heart of the system is an inverter-controlled compressor.

This continuously adjusts the heat pump's output to real-time heat demand. With our technology, the compressor can precisely adjust speed across all ranges based on demand calculated by the main controller.

Thermia's Inverter Technology connects the compressor, inverter and controller in one system with a clear aim: to deliver the lowest possible running costs and unsurpassed comfort.

The Thermia Atlas can also provide energy solutions for new homes with a pool or jacuzzi, as well as for retrofitting projects in larger homes. By adding a cooling unit to your heat pump, you get a comprehensive

climate comfort system that gives you a perfect indoor climate, all year round. It is also more economical than traditional air conditioning systems, as the energy generated from the ground makes running costs lower.



A LEADER FOR HOT WATER

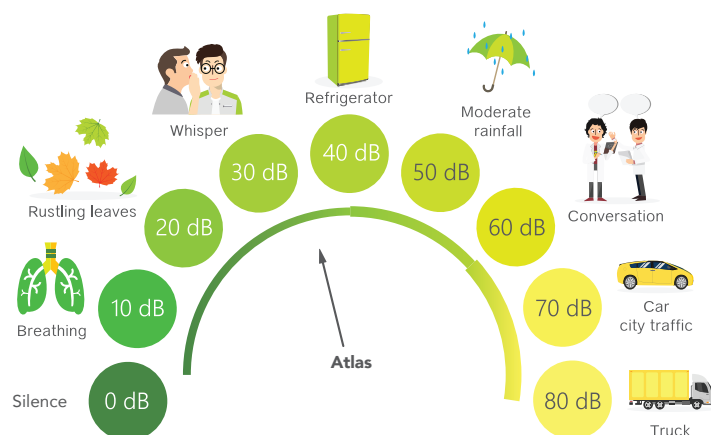
The Atlas offers three different hot water modes: Economy, Normal and Comfort. If you have modest heating and hot water needs, you can choose to prioritize the lowest possible energy consumption. Alternatively, you can opt for a warmer comfort temperature and greater hot water availability.

Whichever option you choose, you will always be generating hot water in the most cost-effective way possible versus fossil fuel-based systems.



A LEADER IN QUIETNESS

Thanks to excellent acoustic design, extra vibration dampers, sound absorbers and built-in flexible hoses, the Atlas achieves superb quietness levels. During operation, it generates just 30 dB(A) – a sound level comparable to a whisper. This means you can install the heat pump anywhere in your home.





FIT FOR MY HOME

In the coming decade, both new buildings and retrofitting projects must be responsible. This trend towards technology-rich, low and near-zero-energy homes calls for the best available solutions. The Thermia Atlas is an excellent energy solution for all types of homes, even if you have two or more bathrooms, a Jacuzzi or swimming pool, or if your house needs cooling during the summer.

The Thermia Atlas is a premium, all-in-one solution for heating, domestic hot water and cooling, and effortlessly supports both under-floor heating and radiators.

SCANDINAVIAN DESIGN

As a Swedish brand, the Thermia Atlas unites the best of Scandinavian design and functionality.

The silver-grey front and hood optimize the appearance of the installation, allowing it to blend equally well with elegant, contemporary or cozy home interiors.

CONTROL YOUR HEAT PUMP FROM ANYWHERE

The Thermia Atlas heat pump is controlled via a colour touchscreen display and user-friendly icons that are easy to understand. It also offers easy remote control via the 'Thermia Online' app. You can check that your heating system is working properly, regulate the temperature when you are away or receive an alert if anything unexpected occurs. The Thermia Online app is available for both Android and iPhone.

THE HEART OF YOUR SMART HOME

The intelligent controller supports the latest energy trends, such as Smart Home (BMS - Building Management System) and Smart Grid Ready (intelligent power supply).

It monitors the whole system, from radiators, under-floor or mixed heating systems to hot water, cooling or additional heaters. What's more, the heat pump can be easily combined with other heat sources such as solar thermal panels.



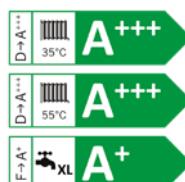
PERFORMANCE AT A GLANCE

Energy class according to
Eco-design Directive 811/2013:

System:



Product:



Thermia Atlas 12

Integral 184-litre hot water tank
Available outputs: 3 - 12 kW
Electrical connections: 400V 3N, 230V 1N

Thermia Atlas 18

Integral 184-litre hot water tank
Available outputs: 4 - 18 kW
Electrical connections: 400V 3N

The Atlas is also available with a separate hot water tank, which is ideal if you need large volumes of hot water.



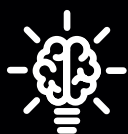
	Atlas 12	Atlas 18
Refrigerant	R410A	R410A
Heating capacity	3-12 kW	4-18 kW
SCOP* - floor heating According to EN 14825, for underfloor heating in a cold climate	5,86	6,15
SCOP* - radiators According to EN 14825, for radiator heating in a cold climate	4,39 (SCOP* = HGW ** not incl)	4,55 (SCOP* = HGW** not incl)
Volume 40°C hot water (incl. HGW**)	307 l (488 l)	344 l (545 l)
Sound level 0/35 dB(A) (Sound power, Energy label)	30-43 (33)	32-45 (36)

* 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. In average climates, the Thermia Atlas at 35°C floor heating has a SCOP of: 12 – 5,75; 18 – 5,9 and at 55°C radiators has a SCOP of: 12 – 4,25; 18 – 4,4

** The unique HGW (Hot Gas Water) technology increases the annual efficiency of hot water production. Domestic hot water can be produced simultaneously with heat production, providing plenty of hot water during the heating season at a very low cost.



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.



INSTALLED BY EXPERTS

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 AB reserves the right to make changes without further notice. January 2026.
Photo on the left: 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.
Photo on the right: 2025 - the Thermia Calibra, a ground source heat pump with 184 litre hot water tank, advance controller, colour touchscreen display and auxiliary heating.