



**DESIGNED TO  
MAKE YOU  
FEEL GOOD**

HEATING, COOLING  
AND PLENTY OF HOT WATER





## COMFORT ALL AROUND THE YEAR

Today we want a comfortable living space throughout all seasons and at a reasonable cost. With Thermia Calibra Cool Eco you will have the ultimate all-season energy system for the single-family home.

Not only will it provide comfort heating in winter, with the built-in natural cooling Calibra Cool Eco keeps a comfortable indoor temperature throughout a hot summer. And you will have ample amounts of hot water all year round.

And while you enjoy the comfort of your home, you can lower your energy bill because of a superior SCOP\*\* rating, at the same time.

Moreover, Thermia Calibra Cool Eco will reduce your climate footprint significantly. Thermia is the first manufacturer in the world to use the new R452B refrigerant in heat pumps. This helps to reduce the CO<sub>2</sub> equivalent by 66% – even more compared with other heat pumps or traditional heating systems.

Thermia Calibra Cool Eco is simply designed to make you feel good.



# POWERFUL VERSATILE AND GOOD FOR THE PLANET

Year in and year out, Thermia Calibra Cool Eco will provide green energy and high living comfort with:

- › Natural cooling in Summer
- › Effective heating in Winter
- › Efficient hot water production
- › A low climate footprint (low GWP\*)

Calibra Cool Eco is part of a versatile family. It is designed with the vast experiences of decades of Thermia heat pumps and continuously enhanced with innovative new features stay at the forefront of heat pump development.

In most places Thermia Calibra Cool Eco with inverter technology performs optimally around the year and across all climate zones in Europe.

Heating AND cooling in one solution for most residential purposes. That is Cool.







# GREEN CLEAN AND COMFORTABLE

Ground source heat pumps are one of the most effective energy systems with the potential to reduce CO<sub>2</sub> emissions from your home by up to 80%. In this way, you can make a substantial contribution to the commitment to source 32% of European energy from renewable sources by 2030 and reduce your energy costs at the same time.

## MAKE IT YOUR COMMITMENT TO THE ENVIRONMENT

Thermia Calibra Cool Eco saves energy and is a proven environmentally friendly solution. Simply by choosing Calibra Cool Eco, you demonstrate your commitment to a more sustainable world. The money you save on the heating bill is just an added benefit.

**EFFECTIVE  
HEATING**  
5.87 SCOP\*\*

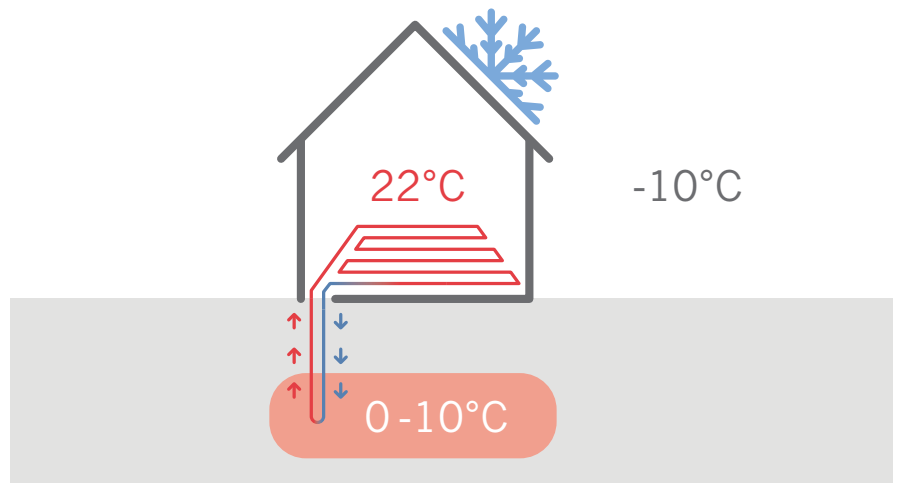
**NATURAL  
COOLING**  
FOR ALL YEAR  
COMFORT

**15% MORE  
HOT WATER**  
AND FASTER



## WARM IN WINTER

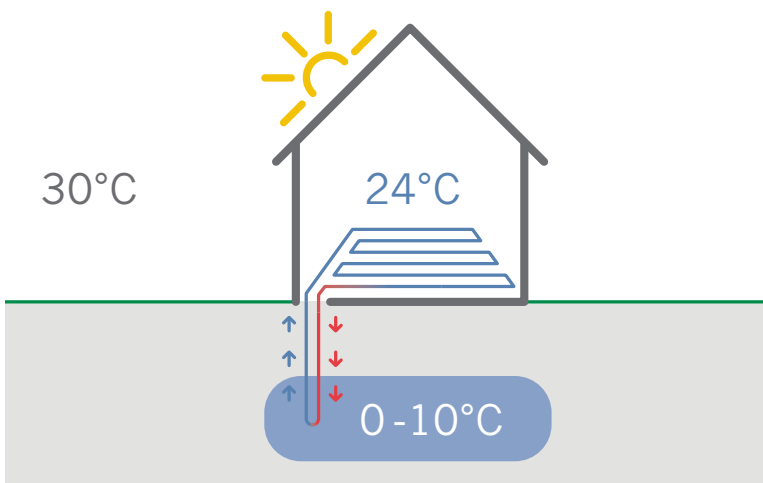
The heat pump concentrates low grade heat from below ground and increases its temperature. The heat is then transferred to the domestic energy distribution system – usually radiators, hydronic floor heating or fan coils.



## COOL IN SUMMER

Thermia Calibra Cool Eco has a built-in natural cooling function, which absorbs heat from the house. Thus, the brine circulating in the underground loops is used to produce natural cooling for the house.

Cooling can be distributed via the under-floor heating systems, or via fan coils. In this way, natural cooling provides superior indoor comfort and substitutes the need for traditional air-conditioning with less investment and lower running costs.



## MORE HOT WATER. FASTER

The integrated Tap Water Stratification (TWS) system – a Thermia technology that ensures extremely fast production of hot tap water – provides 15% more hot water significantly faster and at higher temperatures than traditional alternatives. For the household, this means more hot water, delivered faster and at considerably lower cost.





# FIT FOR MY HOME

Thermia Calibra Cool Eco is ideal for both new energy-efficient homes and for energy renovation projects. It is a true all-in-one solution for heating, cooling and domestic hot water. Heating can be provided via under-floor heating or radiators, while cooling is delivered by under-floor or fan coil systems.

In the coming decade, both new buildings and retrofit projects must have a lower climate footprint. This trend towards low and near-zero-energy homes calls for the best available solutions. For this, Calibra Cool Eco is the ideal energy solution, especially if your house needs cooling during summer.

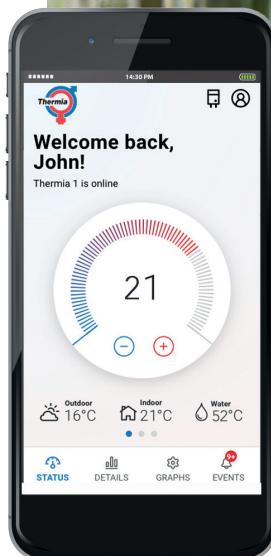
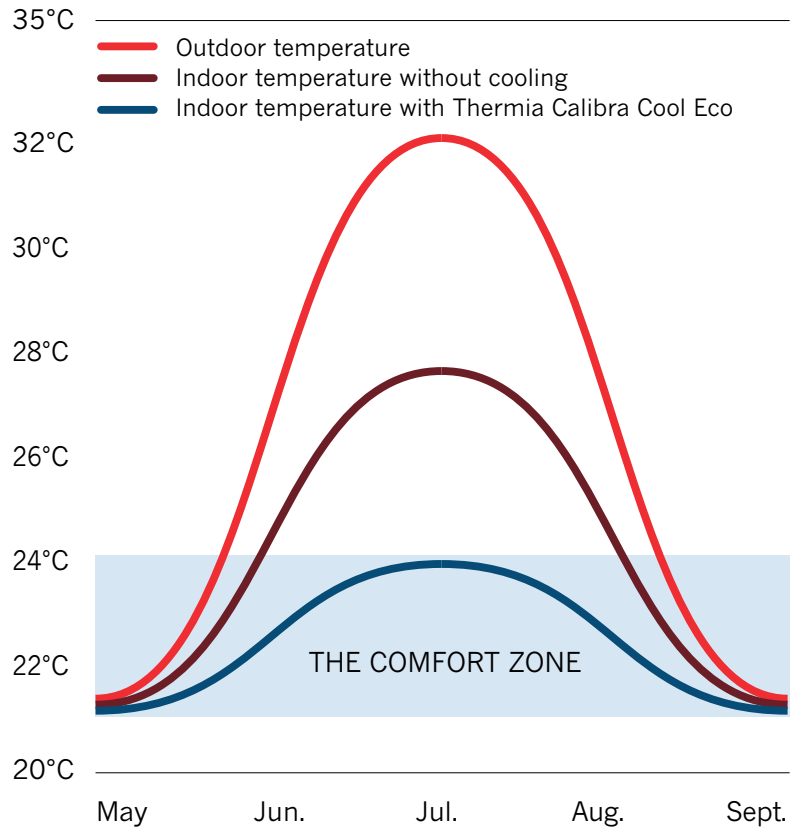
Calibra Cool Eco is your way to a comfortable indoor climate all year round. It keeps you warm in winter and cool in summer. And there is always hot water for a shower. The control system uses an algorithm, that ensures the lowest possible running cost to maintain the desired indoor temperature.

## SILENT OPERATION

The new mechanical design makes Thermia Calibra Cool Eco one of the most quiet heat pumps on the market. During operation, it generates 29 dB only, less than a whisper. On top of the functional design benefits, Calibra Cool Eco boasts the elegant Scandinavian design associated with the Thermia heat pumps. This means you can place the heat pump almost anywhere in your home.

## SMART CONTROL

The Calibra Cool Eco offers remote control via the Thermia Online app. You can monitor the system and regulate temperature when you are away. The Thermia Online app is available for both Android and iPhone.







## A COOL HEAT PUMP

Thermia Calibra Cool Eco is a ground source heat pump. At the heart of the system is an inverter-controlled compressor, which adjusts its speed based on demand, calculated by the main controller.

Thermia's Inverter Technology – which combines the compressor, inverter and controller into one system – gives you maximum comfort and energy savings. And with an unsurpassed GWP\*, you are investing in a sustainable green future at the same time.

### A PROVEN STANDARD WITH AN **OUTSTANDING PERFORMANCE**

Thorough product testing is part of the Thermia philosophy and we offer proven models for every size of home and application. The Calibra Cool Eco product family is characterized by its ability to efficiently provide all the heating and hot water you need while operating almost silently. With a wide range of accessories, Calibra Cool Eco can also heat a pool and work in combination with additional heat sources.

Discover more about Calibra Eco Cool on [thermia.com](http://thermia.com)

	Calibra Cool Eco 8	Calibra Cool Eco 12
Refrigerant	R452B	R452B
GWP* (CO <sub>2</sub> equivalent (tCO <sub>2</sub> ))	0.628	0.907
Heating output range (kW)	2 – 8	3-12
SCOP** FLOOR HEATING– cold climate	5.87	5.85
Hot Water volume (L) / COP	260 / COP = 3.14	260 / COP = 2.8
Sound performance (dB(A) EN12102 (0/35))	30-42	29-44
Energy class according to Eco-design Directive 811/2013	<b>A+++</b>	<b>A+++</b>

\*GWP, Global Warming Potential, is the amount of heat a greenhouse gas traps in the atmosphere compared to the heat trapped by the same amount of CO<sub>2</sub>, which is the reference gas with a GWP of 1.

\*\*SCOP (Seasonal Coefficient of Performance) specifies how efficiently a heat pump works throughout the whole year, including both warm and cold seasons. The higher the value, the better the system.





# THERMIA. FIRST IN GREEN ENERGY. 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 given us world-leading knowledge in heat pump technology.



## ENGINEERED WITH PASSION

Developing truly sustainable renewable energy solutions 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 center.



## BORN IN SWEDEN

All our products are designed, manufactured and tested under harsh conditions in Sweden using the latest technology and the highest quality components. We are proud to count world-leading industry specialists among our technology partners.