



# MEET THE 'KING OF COOL'

FOR HEATING, COOLING  
AND HOT WATER



## ALL-SEASON COMFORTABLE LIVING

Thermia Calibra Cool is the ultimate all-season energy system for the single-family home. With a superior SCOP rating, which ensures low energy bills, it provides comfort heating in winter, while the built-in natural cooling keeps a comfortable indoor temperature throughout a hot summer.

And you will have ample amounts of hot water all year round.

Moreover, as a low-carbon, renewable geothermal heat pump, Thermia Calibra Cool is a clean and virtually silent energy solution for your home.

# SMALL, POWERFUL AND VERSATILE

Thermia Calibra Cool effortlessly provides green energy for living comfort:

- › Natural cooling in Summer
- › Effective heating in Winter
- › Efficient hot water production

Thermia Calibra Cool is part of a versatile family. It is designed with the positive experiences of decades of Thermia heat pumps and enhanced with innovative new features to outperform the alternatives.

The inverter-driven, Thermia Calibra Cool has been designed to provide optimum performance in your country.

Heating and cooling in one solution. That is COOL.





# GREEN CLEAN AND COMFORTABLE

Ground source heat pumps have the potential to reduce CO<sub>2</sub> emissions from your home by up to 80%. In this way, it can be your contribution to the commitment to source 32% of European energy from renewable sources by 2030.

## YOUR COMMITMENT TO THE ENVIRONMENT

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

**EFFECTIVE  
HEATING**  
5.56 SCOP\*

**NATURAL  
COOLING**  
ALL YEAR  
COMFORT

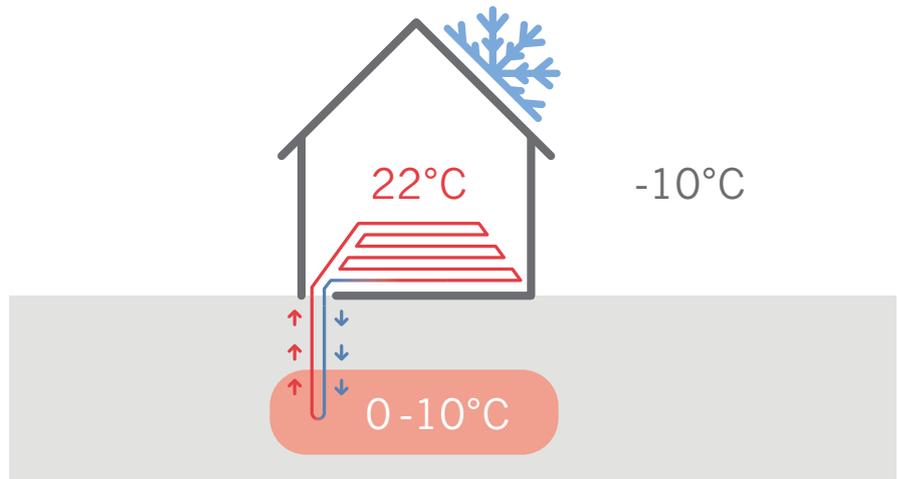
**15% MORE  
HOT WATER**  
AND FASTER



## WARM IN WINTER

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

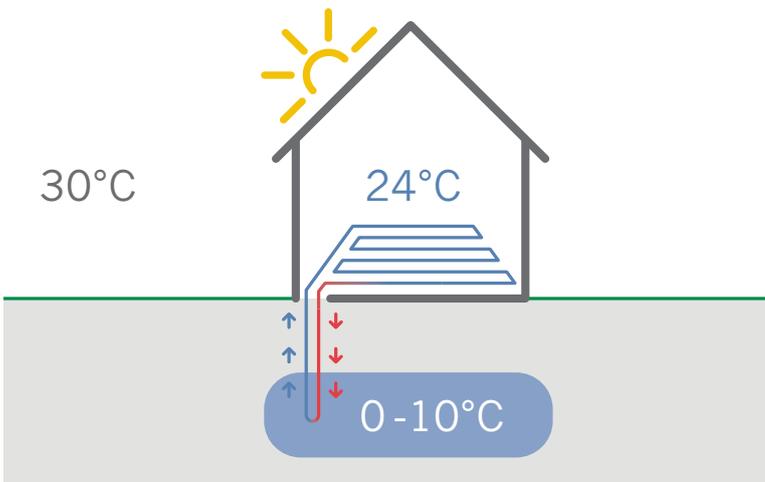
The Thermia Inverter Technology combines the compressor, inverter and controller in one system with a single aim: unsurpassed comfort and maximum energy savings.



## COOL IN SUMMER

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

In the next decade, both new buildings and retrofit projects must be sustainable. This trend towards low and near-zero-energy homes calls for the best available solutions. For this, Thermia Calibra Cool is the ideal energy solution, especially if your house needs cooling during summer.

## TOTAL CONTROL OF THE INDOOR CLIMATE

Thermia Calibra Cool 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.

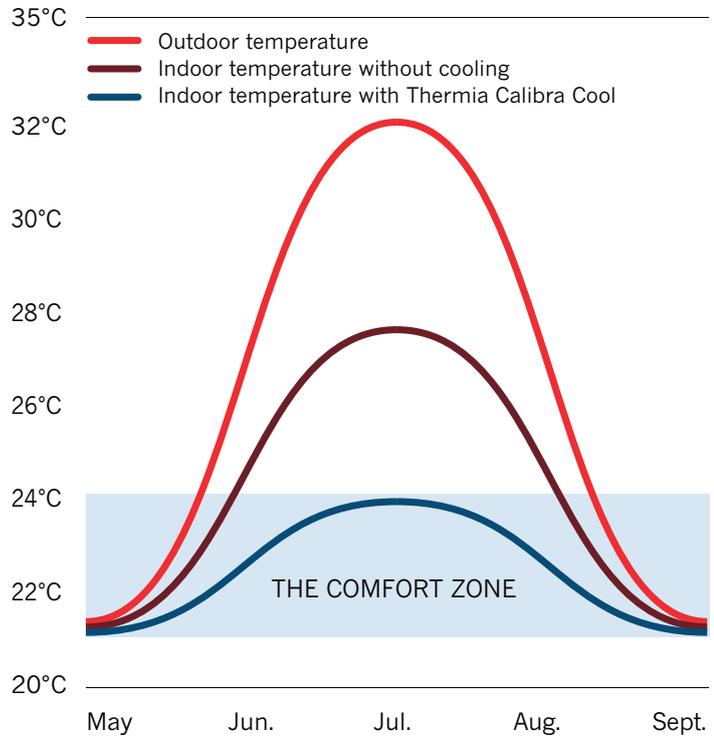
The control system uses an algorithm, that ensures the lowest possible running cost to maintain the desired indoor temperature.

## ULTRA-QUIET DESIGN

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

## EASY-TO-USE CONTROL SYSTEM

The Thermia Calibra Cool heat pump is controlled via a color touchscreen display and user-friendly, easy-to-understand icons.





## COOL PERFORMANCE



### ENERGY PERFORMANCE

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



As part of an integrated system



As the sole heat generator

#### Thermia Calibra Cool 7

Integral hot water tank  
Available outputs: 1,5 - 7 kW  
Electrical connections: 400 V 3N



### SMART CONTROL

The Thermia Calibra Cool offers remote control via the Thermia Online app. You can monitor the system, regulate temperature when you are away, or receive an alert, if anything unexpected occurs. The Thermia Online app is available for both Android and iPhone.

## TEST AGAINST THE REST

Thorough product testing is part of the Thermia philosophy and we offer proven models for every size of home and application. The Thermia Calibra Cool product family is characterized

by its ability to efficiently provide all the heating and hot water you need while operating almost silently.

	Calibra Cool 7	Your benefits
Heating output range	1.5-7 kW	Suitable for houses of approx 80-250 squaremeters
SCOP* LOW – cold climate	5.77	Superior heating performance with floor heating
SCOP* HIGH – cold climate	4.12	Very good heating performance with radiators
Hot Water Volume (mixed water @40°C)	260 l / COP = 2.7	Plenty of hot water for a family of 3-5 persons
Sound performance EN12102 (0/35)	29-43 dB(A)	Very low sound level and quiet operation (like a whisper)

\*SCOP (Seasonal Coefficient of Performance according to norm EN14825) is a new measurement that shows how effective the heat pump is on an annual basis under all seasonal weather conditions. This provides a realistic picture that makes it much easier to compare heat pumps across producers. It gives a much more accurate illustration of efficiency than the COP (Coefficient of Performance) value, which is based on a single brine and heating temperature and just one measuring point.



# THERMIA NO.1 IN GREEN ENERGY SINCE 1923



## PIONEERING HEAT PUMPS

For 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 in Sweden using the latest technology and the highest quality components. All components inside our ground source heat pumps are made in Europe by world-leading industry specialists.

