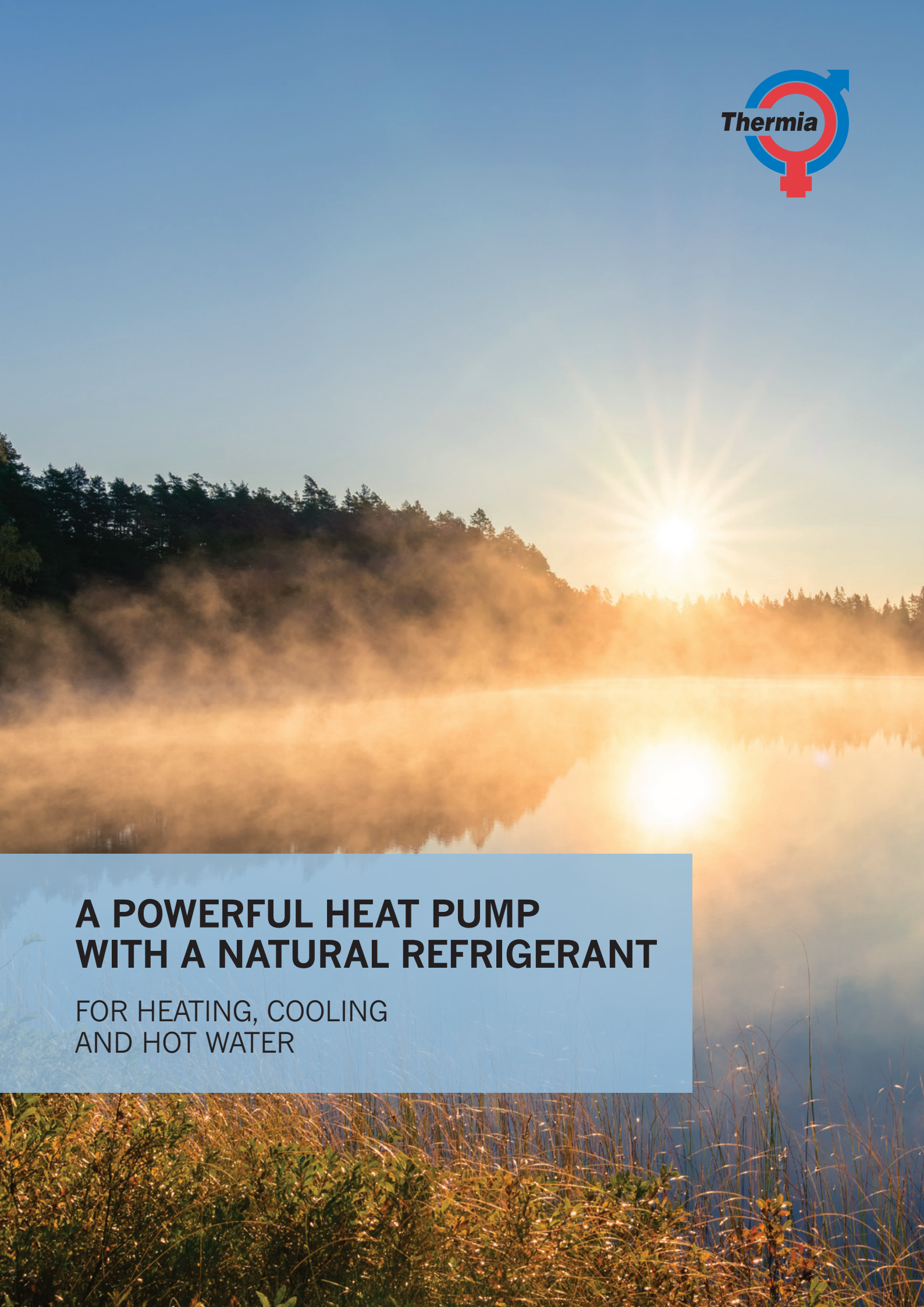


A POWERFUL HEAT PUMP WITH A NATURAL REFRIGERANT

FOR HEATING, COOLING AND HOT WATER

NATURAL, POWERFUL, RESPONSIBLE

Choosing an air source heat pump for your home is a good choice to begin with. Choosing the Thermia iTec XTRis even better from a sustainability point of view. The Thermia iTec XTR uses a natural refrigerant, which is a more environmentally friendly alternative to traditional refrigerants for air source heat pumps. The natural refrigerant R290 has a GWP of just 0,02
This significantly reduces the CO_2 equivalent and actively contributes to achieving EU climate goals.

At the same time, the Thermia XTR still delivers everything you would expect from an air source heat pump: excellent heating and cooling, plenty of hot water,hassle-free operation and low energy bills for many years to come.

YOUR BEST FRIEND ON COLD OR HOT DAYS

The Thermia iTec XTR is an air source heat pump that provides maximum performance and functionality across all climate zones in Europe, all year round, keeping you warm in winter and cool in summer:

- Natural refrigerant
- Low GWP
- Works at temperatures as low as -25°C
- Cooling as standard
- Plenty of domestic hot water (up to 250 liters)
- Flexibility – customise a solution to your needs

The Thermia iTec XTR comes in four power capacity sizes and five types of indoor unit, each with different functionality. Depending on your requirements, you can select the unit you prefer and customise your installation. The choice of unit depends on the set-up of your heating system and will help ensure you never pay for more than you actually need.

The iTec XTR with its well-proven inverter technology has been designed to provide optimum performance across all European climate zones. It meets the need for heating, cooling and hot water in one solution.

GREEN CLEAN & COMFORTABLE

Air source heat pumps have the potential to reduce CO_2 emissions from your home by up to 75%. It could be your personal contribution to counter global warming and save you money at the same time.

The Thermia iTec XTR has an impressive SCOP** (Seasonal Coefficient of Performance) of 5,1 It features the natural refrigerant R290 with a remarkably low GWP* (Global Warming Potential) and unique Thermia technology to heat, cool and supply high hot water temperatures. Even at -25°C, it provides heating at 65°C.

HIGH PERFORMANCE (SCOP)

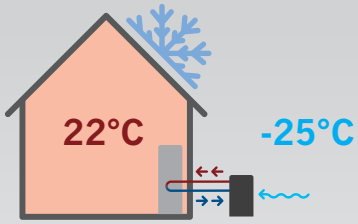
LOW SOUND LEVEL

SCANDINAVIAN DESIGN

OUT OF **THIN AIR**

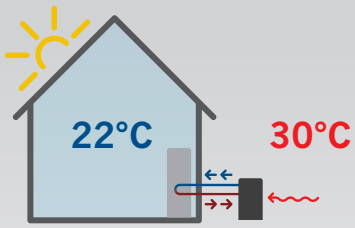
An air source heat pump operates on a simple principle: it transfers energy from ambient air to water in your heating system via a refrigeration process. The energy stored in the air is simply extracted and can be used for heating, cooling and hot water.

The intelligent Thermia Controller and automatic defrosting ensures the lowest possible running cost, while maintaining the desired indoor temperature.



WARM IN WINTER

In winter, at temperatures as low as -25°C, the Thermia iTec XTR gathers the low-grade heat from the atmosphere and concentrates it to raise the temperature. The heat is then transferred to the house's energy distribution system – usually radiators, hydronic floor heating or fan coils -to keep you warm and comfortable.



COOL IN SUMMER

In summer, the process is reversed. The heat is collected from the house and removed, a technology similar to how your refrigerator works.

MORE **HOT WATER,** FASTER

The Thermia iTec XTR family includes a 180-liter hot water tank with Tap Water Stratification (TWS) technology – a Thermia technology that provides 15% more hot water, significantly faster and at higher temperatures, than traditional alternatives.

SCANDINAVIAN DESIGN
THAT DELIVERS **EXCEPTIONAL COMFORT**

The Thermia iTec XTR is compatible with many different types of heat emitters, such as under-floor heating, radiators or heat convectors. It safely meets the requirements of both high and low temperature applications and is perfect for both renovation and new-builds.

In addition, thanks to a whispering acoustic performance, the outdoor unit is so quiet, it can be placed wherever is most convenient without worrying about noise affecting your neighbors or yourself.

SUPER EASY
TO CONTROL

The iTec XTR controller is very easy to use. Once it is set, you don't need to think about it again. Raising or lowering the temperature can be achieved at the touch of a button.

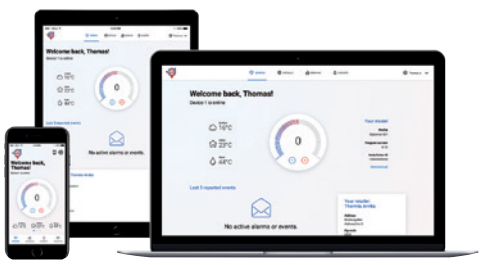
PERFECT TO HEAT YOUR SWIMMING POOL

The Thermia iTec XTR can easily be used to heat your pool, extremely efficiently and cost effectively. This means you can enjoy your pool all year round, while substantially reducing the cost of heating it.

MANAGE YOUR HEAT PUMP FROM ANYWHERE

You can monitor and control your heat pump from anywhere with your smartphone, computer or tablet. With Thermia Online and the 'Thermia Online' app, you or your installer can check the performance and diagnostics data, regulate the temperature or receive a notification if anything unexpected happens.

The Thermia Online app is available for both Android and iPhone.



EXTREMELY EASY...

Two pipes and four cables are all you need for a complete installation.

Simply choose the heat pump, select one of five different indoor units, each with different features, and then customize your installation.

SUSTAINABLE AND POWERFUL

At Thermia, we are committed to your indoor climate as well as the climate of our planet. The iTec XTR, equipped with the natural refrigerant R290, delivers a very low GWP* (Global Warming Potential) energy solution.

The Thermia iTec XT has a very impressive seasonal coefficient of performance (SCOP*) of 5,1 It generates superb energy savings and can perform reliably at temperatures as low as -25°C.

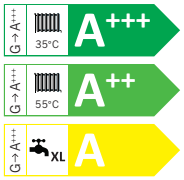
The inverter-controlled compressor constantly adjusts the heat load according to the current heat demand. This means you never use more energy than is needed and further reduces your energy bills.

EXTERIOR

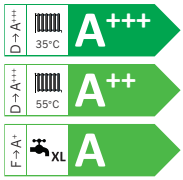



Thermia iTec XTR	S	M	L	XL
Available outputs	1-5 kW	2-8 kW	3-12 kW	3-16 kW
Refrigerant	R290			
Function	Heating/ Cooling	Heating/ Cooling	Heating/ Cooling	Heating/ Cooling
SCOP** EN14825, medium climate, low temp.	5,1	4,85	4,9	4,7
Hotw water performance Volume of 40°C hot water, according to EN16147	250 l	240 l	247 l	240 l
Sound pressure level dB(A) at 4 m distance ISO 11203	45 dB(A)	48 dB(A)	51 dB(A)	53 dB(A)
Mains electricity	230~1N	400~3N/230~1N	400~3N/230~1N	400~3N

SYSTEM



PRODUKT



INTERIOR

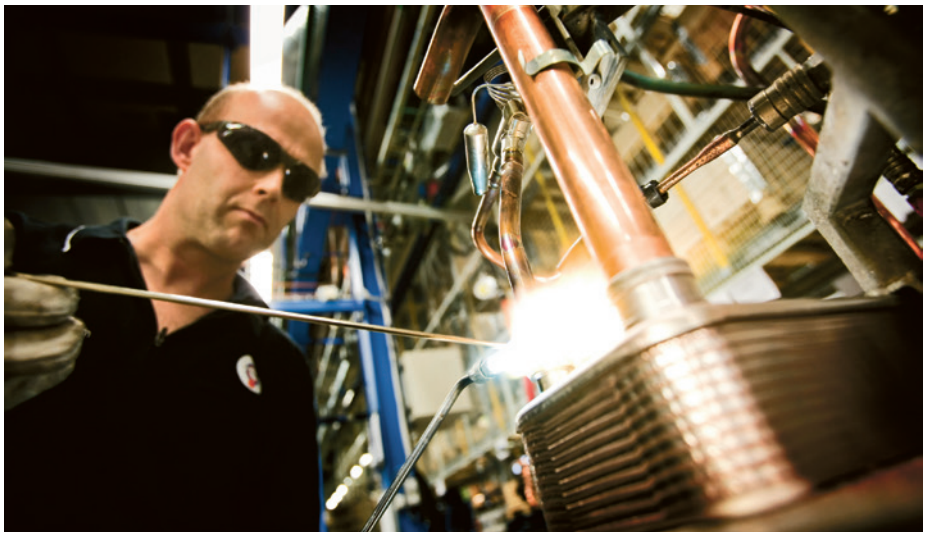




Thermia iTec XTR	STANDARD	PLUS	TOTAL COMPACT	TOTAL	TOTAL EQ
Intelligent controller	•	•	•	•	•
Hot water tank 180 l			•	•	•
Optimum controlled Class A circulation pump		•	•	•	•
Immersion heater		•	•	•	•
Three-way valve for heating or hot water production		•	•	•	•
Space inside the unit for expansion vessel and/or hydraulic connections				•	
Extra 60 liter volume tank, 12 liter expansion vessel and additional circulation pump					•

*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_2, 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 led to world-leading advancements 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 work in our R&D center.

BORN IN SWEDEN

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

Thermia

thermia.com