

••••• It brings a lot of energy.







Our story: In the beginning, there was the sun.

We started thinking about how we could bring heat from the sun into homes, along with all its positive effects. In only a few years, the founders of easyTherm Reinhard Burger, Gerfried Burger and DI Günther Hraby became the leaders in infra-red technology. Their pilot project turned into a genuine alternative on the market for heating systems. Over 460 easyTherm partners in Austria can literally testify to how attractive that system is. At the world's most important inventors' fair in Geneva, easyTherm was described as "gem on the market", and received several other awards. Year after year, institutes and testing committees confirm the outstanding quality, safety and efficiency of the easyTherm system, which no longer has anything in common with conventional infra-red heating systems apart from the designation. An energy yield of 100% and 70% savings speak for themselves.

With easyTherm, you get a future-oriented heating system that is exceptionally sustainable. The company's founders and employees, as well as thousands of satisfied customers, share their enthusiasm for high-tech infra-red heating. Enjoying comfortable heat, energy, very efficient devices that are almost maintenance-free are very good arguments.

Sustainably better

Today, in addition to being comfortable at home, we also need a clear conscience in terms of global warming, CO2 emissions and efficiency. Sustainability often costs too much money and requires an enormous technical effort, such as for heat exchanger or biomass systems. easyTherm makes things easier for you – and brings a lot of energy

Fairer heating: better living.

It looks good

You can choose your individual panels from over 1100 product variants. These top high-tech products offer modern or classic designs with optics that will fit in any home. The system is topped off by a comprehensive warranty.

Brings a lot of energy

It does not promise too much: The heating effect of infra-red waves increases your quality of life. This is confirmed by our experiences with customers as well as science. Graz University of Technology rates easyTherm panels as "extremely pleasant heat sources, that warm up a room in no time and give a very cosy feeling". Enjoy it day and night.

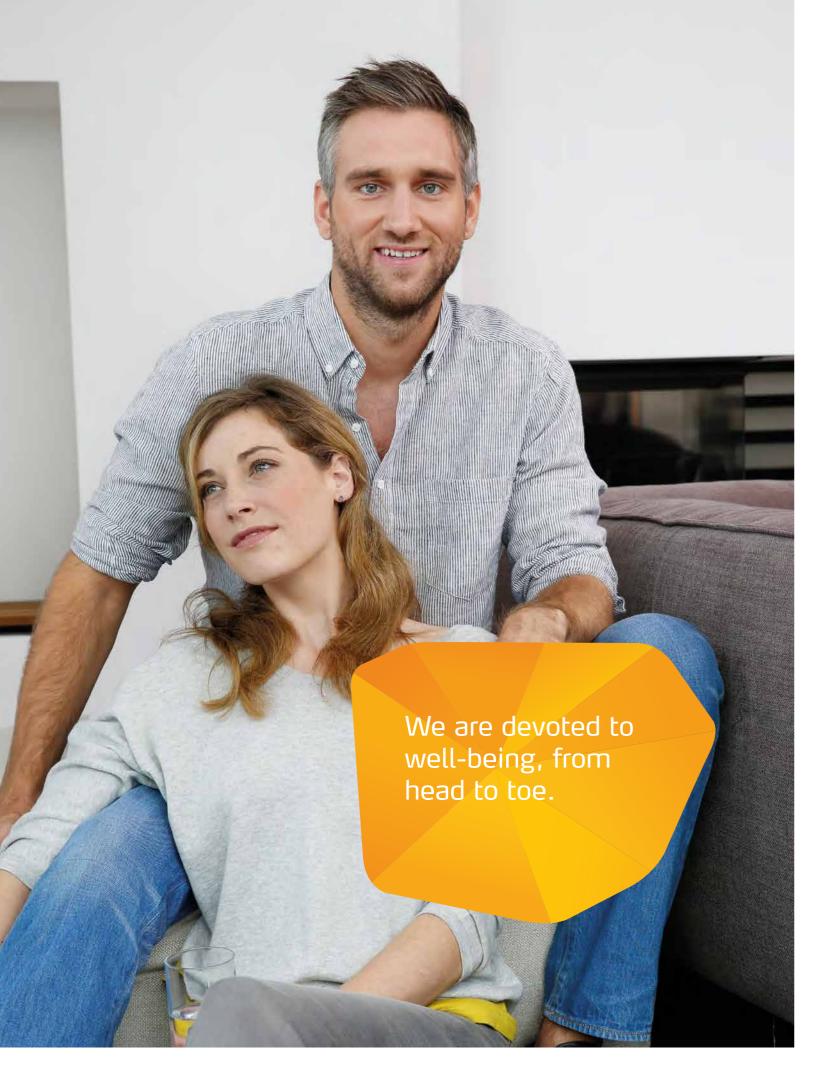
Safe against electrosmog

easyTherm panels have excellent electrobiological features. Here is a concrete example: easyTherm infra-red panels produce far less smog than conventional bedside lamps. Your easyTherm partner will be happy to show you the report.

We need infra-red to live

We people need infra-red. Long-wave infra-red is as important as air to breathe, and in nature, we are constantly surrounded by it. Life would not exist without these healthy sunlight wavelengths. easyTherm panels produce precisely these waves that warm us up gently and pleasantly from the inside.

4 | Inventors and their story | 5



Four secrets of comfort.

Warmth from all around

Here, heat waves also ensure secondary emission from the walls, ceiling and floor – pleasant heating from all around. This is crucial for well-being. For a felt temperature of 21°C, you actually need about 18°C room temperature.



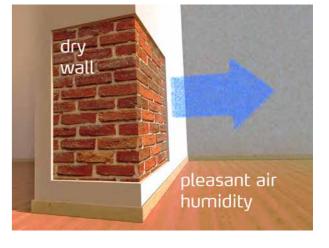
24°C

No cold feet

Depending on the room height, traditional heating systems using warm air create ascending temperatures, since warm air flows upwards. This means cold feet and a nice and toasty ceiling – in other words, expensive useless warmth at the ceiling. easyTherm offers warmth without a draught.

Optimal humidity

Heat waves allow the humidity of the warmer walls to enter the cooler air. Benefits to that are a pleasant air humidity that is better for the respiratory system and dry walls that are resistant to mould formation.





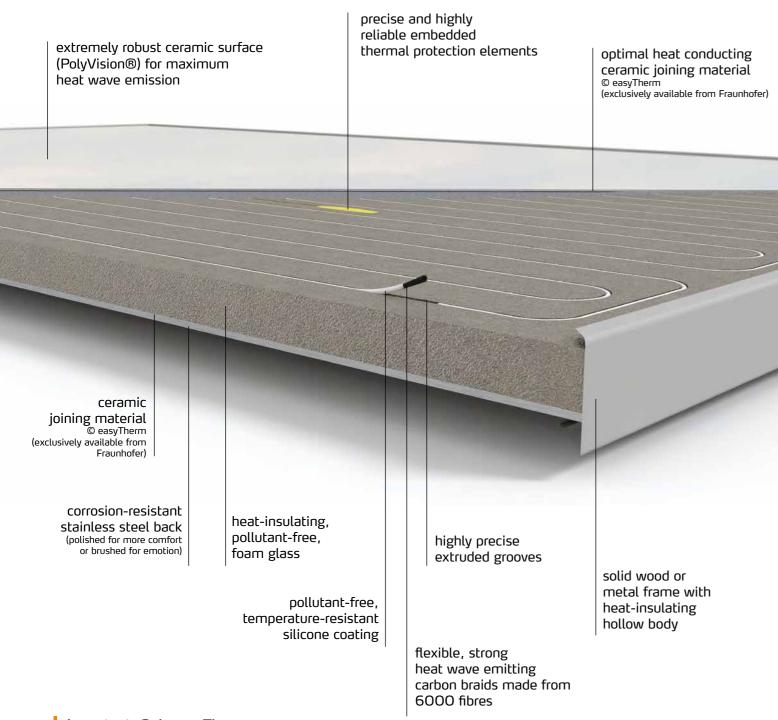
No moist walls

Conventional heating systems warm the air up faster than the walls. This is why humidity contained in the air is absorbed by the walls. This leads to dry air, moist walls that offer poor thermal insulation, and even mould formation (especially in corners and behind furniture). easyTherm heat waves prevent all of this.

6 | Comfort | 7



Wave and effect: High tech provides better heating.



Produced in Austria: Safety thanks to quality.

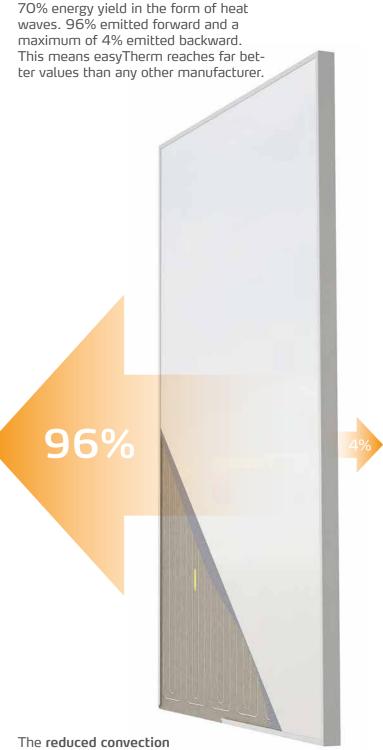
Thanks to its unique construction and the use of high-quality materials, easyTherm is a leader in terms of effectiveness and energy efficiency. The ceramic surface is unique in the entire world, and offers an efficient emission of heat waves. This results in well-being and relaxation thanks to a healthy living climate.

Efficiency

When heating with a high-tech infra-red heating system, the entire energy for which you pay is transformed into thermal heat, as there are no thermal bridges (central heating boiler – water - heat output). Radiant heat warms up people directly, it generates a more individual heat sensation with less ambient heat, thus lowering the actual thermal heat consumption. Using radiant heat allows you to save about 25%-35% energy - which is only possible with easyTherm's hightech infra-red heating system.

Draughts are a thing of the past

Infra-red heats up floors, ceilings and walls, and only then the air. The room climate is free from air circulation, dust swirls, and the air quality is considerably better. Air humidity is retained and heat is emitted evenly. Rooms are warmed up evenly – no hot heads and no cold feet. This even prevents the formation of mould.



The unique thermal panels offers more effectiveness than any other heating system.

(air movement) greatly contributes to comfort. You will be spared draughts and swirling dust.

Important: Only easyTherm will offer you this quality and efficiency of easyTherm workmanship along with a lot of proprietary solutions.

8 | Wave and effect Wave and effect | 9



easyTherm makes the best out of infra-red.

You can count on easyTherm. Or to be more precise, on your trained easyTherm partner. Our experts are familiar with building physics and calculation bases for heating design.

Objective figures

Figures that play an important role result from the following values.

- The thermal heat demand, which depends on the building physics, whether it is an old or newer building.
- The climate on site, which is calculated over de cades using climate measurements in the region.

Your easyTherm uses these values to calculate your individual costs. Current standards specify maximum values for ecological heating systems. This means for example that a 3,500 Watt model can be more than enough for a single-family house of 150 m². With easyTherm, you can expect a price of about EUR 10,000 for the entire investment including regulation and installation. You will find an example on page 19.

50% - 70% energy savings

In the industrial sector, easyTherm has shown its huge saving potential by enabling Magna-Steyr to save 90% energy compared to its precedent system. In the household sector, savings of 50% can be achieved – led by TU Kaiserlautern even say 70% – depending on your current system's efficiency. Whether you are looking to renovate or wish to save energy from the start – easyTherm also values your wallet's comfort.

Infra-red is not always the same

There are established quality criteria for infra-red heating in Austria. The information found in this prospectus was valid at the time of print (2/2017).

Service life and durability

easyTherm panels are designed to run for over 30 years. Thanks to their robust high-quality workmanship, an even longer service life can be expected.

Heat waves instead of convection

easyTherm scores a lot of points with its excellent radiation efficiency. This allows it to surpass both convection systems (conventional heaters) and other infra-red suppliers. You will often read unrealistic claims; easyTherm however can provide scientific evidence for its effect. Thermal radiation is a clear system advantage as it offers a more intense heat sensation, a better room climate, benefits for building physics and comfort while consuming very little energy.

Short activation time – fast response time

Austrian directives also cover the activation time (Service Book for Building Services/Ministry of Economics) – a heater should be able to reach its operating temperature in less than 10 minutes. With easyTherm, you will need exactly 6.2 minutes, you can control your heater precisely, and can enjoy its warmth in no time.

Determining radiation efficiency

Method for radiation efficiency	Limit value	easyTherm	fulfilled	other manufacturers	fulfilled
Calculation acc. to the Stefan–Boltzmann law* $P_S {=} \epsilon {\cdot} \sigma s {\cdot} A {\cdot} {T^4 {-} T_u^4})$	> 50%	60 - 70%	>	30%	×
EN 416-2/419-2*	> 50%	58%	~	28%	×
PANEIA industrial standard (PANEIA = PAN-European Infrared Alliance) currently in development	> 40% absolute > 58% effective	> 40% absolute > 58% effective	>	< 40% absolute < 58% relative	×
Warm-up time*	< 15 min	6.2 min	V	16.5 min	X

More exact measurements and definitions are currently in development. The guide values indicated here come from independent specialised institutes. As technological leader, easyTherm stays up-to date with the latest state-of-the-art technology.

*) Definition of the Austrian Service Book for Building Services LB-HT 010 ULG 1314 (published by BM WfW – The Federal Ministry of

10 | Facts and Figures | 11

^{*)} Definition of the Austrian Service Book for Building Services LB-HT 010 ULG 1314 (published by BM WfW – The Federal Ministry of Economics, Research and Science).



Your benefits with high-tech infra-red.

Yes, it's possible without smoke. Thanks to easyTherm. Sensitive people will appreciate the pleasant warmth provided by easy to control easyTherm panels. They do not stir up any dust, and no heating draughts will disturb your well-being. The humidity is perfect, you feel light and relaxed.

Add to that a clear conscience associated with almost CO2-neutral heating, and not having to take care of anything. It requires neither fuel nor maintenance nor check-ups. This is the relaxed, ecological and economical way to ensure your comfort.



The unique ceramic offers comfortable tiled stove heat



Longevity – established in long-term use*



Precise control



High-quality materials – 95% from Austria and Germany



Fresh, dust-free air, ideal for people with allergies or asthmatics



Consultation, calculation and installation carried out by your specially-trained easyTherm partner



Highest energy efficiency – proven by studies



Product has won multiple awards



Verified, best cost efficiency



Certified quality – with TÜV type approval



Entirely CO₂-free – combined with photovoltaics or green electricity



Made in Austria



No electrosmog



Always a step ahead as technology leader

The benefits of easyTherm come from its intelligent construction and high-tech production.

12 | Benefits and Quality | 13

^{*)} Technical remarks by Prof. Fritz Paschke (TU Vienna) testify to the "outstanding" construction and thus expect that "this product will be very reliable and have a long service life".



The heater disappears – warmth stays.

Effect from the top

easyTherm is the only heating system that can be installed on the ceiling and propagate the heat emitted in the entire room – down to the floor. Further proof of its unique performance - this can only be achieved by easyTherm's high-tech infra-red heating systems with their great radiation efficiency.

easyPlan allows you to make your heaters disappear, in part or completely, by offering flush mounting on the ceiling or wall. For people who do not want to see much of the heater, but want to feel it all the more.

easyPlan - flush mount installation

The panels are installed in a sturdy professional flush mounted box. Flush mounting is attractive and offers additional safety. This sophisticated system also allows for simple and safe installation on the ceiling.



Only available from easyTherm: wall or ceiling mounting offers optimal design possibilities

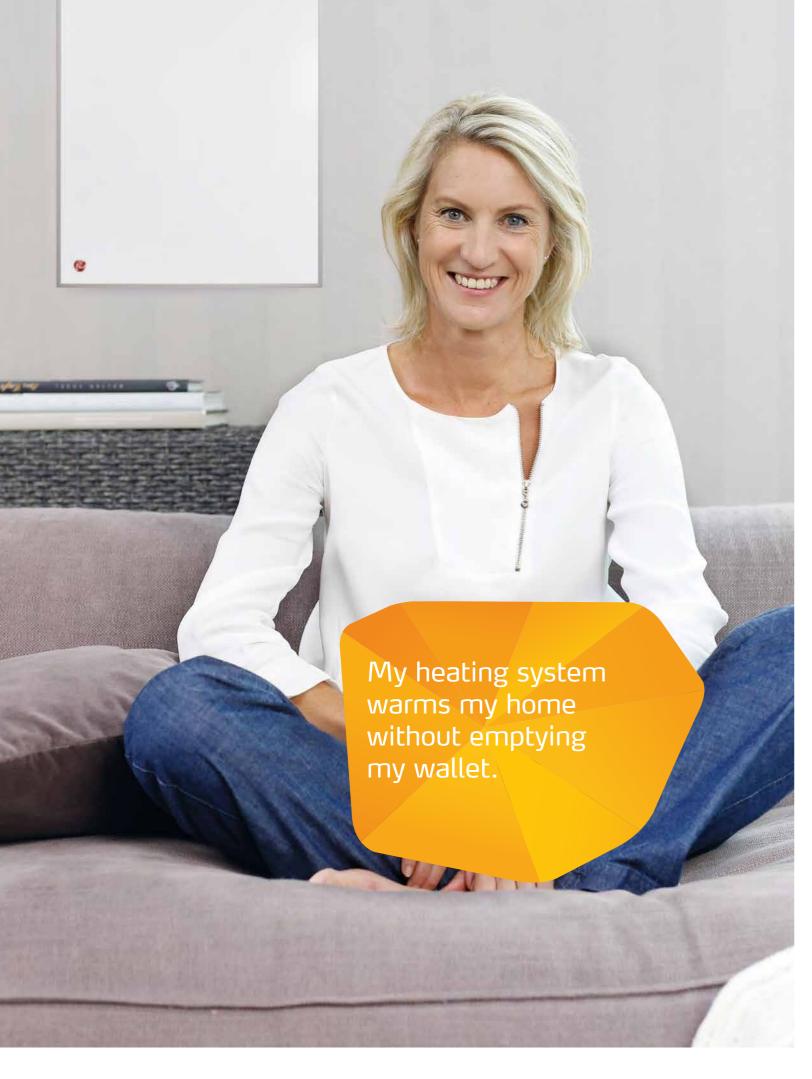
Homogeneous warmth, from the ceiling to the floor. A clever heating solution that is simply beautiful and reliable.







14 | easyPlan | 15



What becomes of a kWh energy?

Here is an example

Compare it yourself! A pellet boiler must produce temperatures of up to 1,000°C for a room temperature of 20°C. Meaning a single-family house needs approx. 5 tons of wood per season. Heat loss is also huge with gas and oil. Does it still make economic sense? In this aspect, direct heat emission offered by high-tech infra-red scores a lot of points.

Professional advice helps save energy

Our experience has shown that making calculations based on objective standards leads to the most significant results. In Austria, this standard is the "economic comparative calculation for energy systems" (ÖN M7140). It offers a complete representation of your cost-benefit calculation. This allows objective comparison of different systems.

Good news – we do the math for you

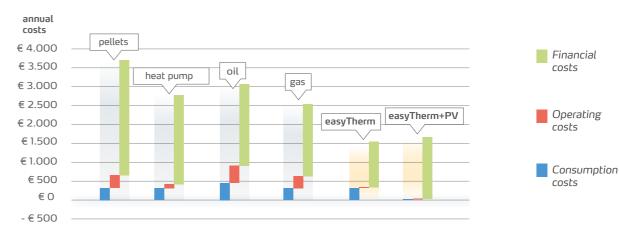
Professional heating systems such as are included in easyTherm's service package cover all essential cost factors. So you plan in advance how much your heating costs today and in the future. The following aspects are taken into accounts:

- Acquisition costs financial costs
- Operating costs for service, maintenance, shipping, storage
- Consumption costs depending on the thermal heat requirement

A comparison of operating costs already shows that maintenance-free heating with electricity from the socket saves considerable energy. This system decreases the heating requirement, since radiant heat offers a quicker and better sense of well-being.

This is how the yearly cost-benefit calculation for a house of 150m² and an energy rating of 30 looks like:

There are many myths and legends about energy efficiency. easyTherm ensures a happy ending.



easyTherm+PV: easyTherm + photovoltaics – even more ecological with solar energy

Ecological and economical

Tons of timber, pellets or oil – these are quantities that must be transported. Natural gas must cross continents. This costs a lot of money and resources. Even a heat pump, as the comparison shows, is costly; it needs a lot of space, maintenance and an electric drive. easyTherm customers are happy

to have found a sustainable solution that is smokefree, requires little space and consumes considerably less energy. easyTherm efficiently uses the practical benefits of electrical power. Photovoltaics and an energy storage system are perfect additions to an ecological house.

16 | Energy efficiency | 17



This is how to plan economically.

How do you decide in advance where the easyTherm panels will have the best effect? With the help of your easyTherm partner. The heating system is built according to the size of your individual rooms. This is done using planning documents, or new sketches and measurements. The design of the panels is as important as their positioning.

After all, both heating performance and design must be optimal. In your entire home. This system offers a lot more freedom and requires less space than other heating solutions. In conclusion: Economic and cosy warmth is getting more and more beautiful. Thus, planning your project will already make you happy and with easyTherm, you can look forward to a comfortable future.

Here is a calculation example:

single-family house, 150 m², built in 2015 (energy rating 30)

Value	easyTherm	Central heating with heat pump (water/water)	Central heating with pellet boiler	
Connected value / performance	3,875 Watt	4,000 Watt	10,000 Watt	
Investment costs incl. installation	€ 13,200,- (without photovol- taics)	€ 30,000,- (without utility room)	€ 33,000,- (without utility room)	
yearly consumption costs (incl. solar gains)	€ 550,- (without photovol- taics)	€ 370,-	€ 515,-	
yearly operating and maintenance costs (incl. reparations over 20 years)	€5,-	€ 250,-	€ 450 – € 550,-	
total yearly running costs	€ 555,-	€ 620,-	€ 1,015,-	
total costs over 20 years	€ 24,300,-	€ 42,400,-	€ 53,300,-	

The dimension must fit

Exact dimensioning saves additional money. Many heaters are oversized by design, could warm up a room twice the size and are correspondingly expensive. With easyTherm, everything is calculated very accurately and the effect is ensured by mounting

the panels optimally. Thousands of easyTherm customers are first delighted by the simple elegance of the panels, then by the pleasant warmth, and finally by the attractive heating costs. Please pass it on!

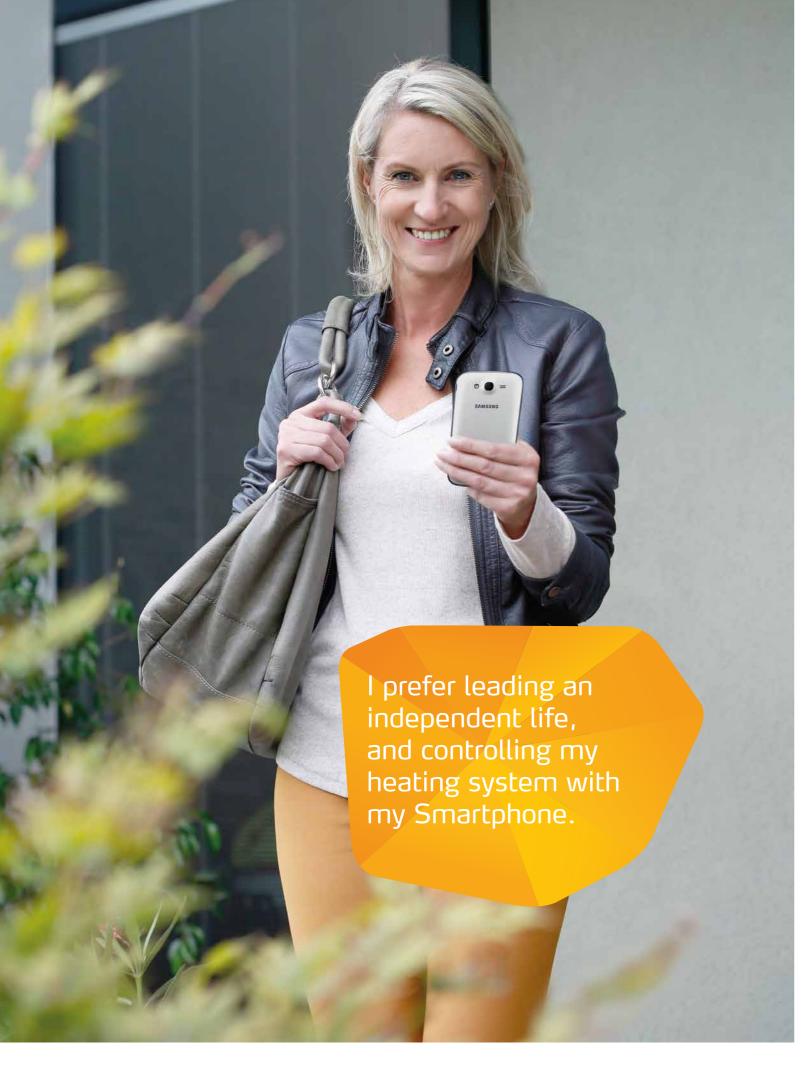








18 | Planning Planning | 19



With smart control.

easyTherm has thought of everything The room thermostats have week and day programmes, in a size that is easy to read LCD screens show your personal well-being programme and information. The devices can be mounted or simply installed inside a shelf. You can control your easyTherm panels precisely. Wireless control is also possible.

Your heating system is online.
With the highControl function, your heater is always ready for you and can be connected to all usual BUS systems (KNX). You can control your heater using an app on your Smartphone or via the local elements.

This way, you can turn your heater on while in the underground, and a nice warm home awaits you. These control benefits save costs and increase your quality of life.

No more wires: Digital control, emotional experience. You will never go back.

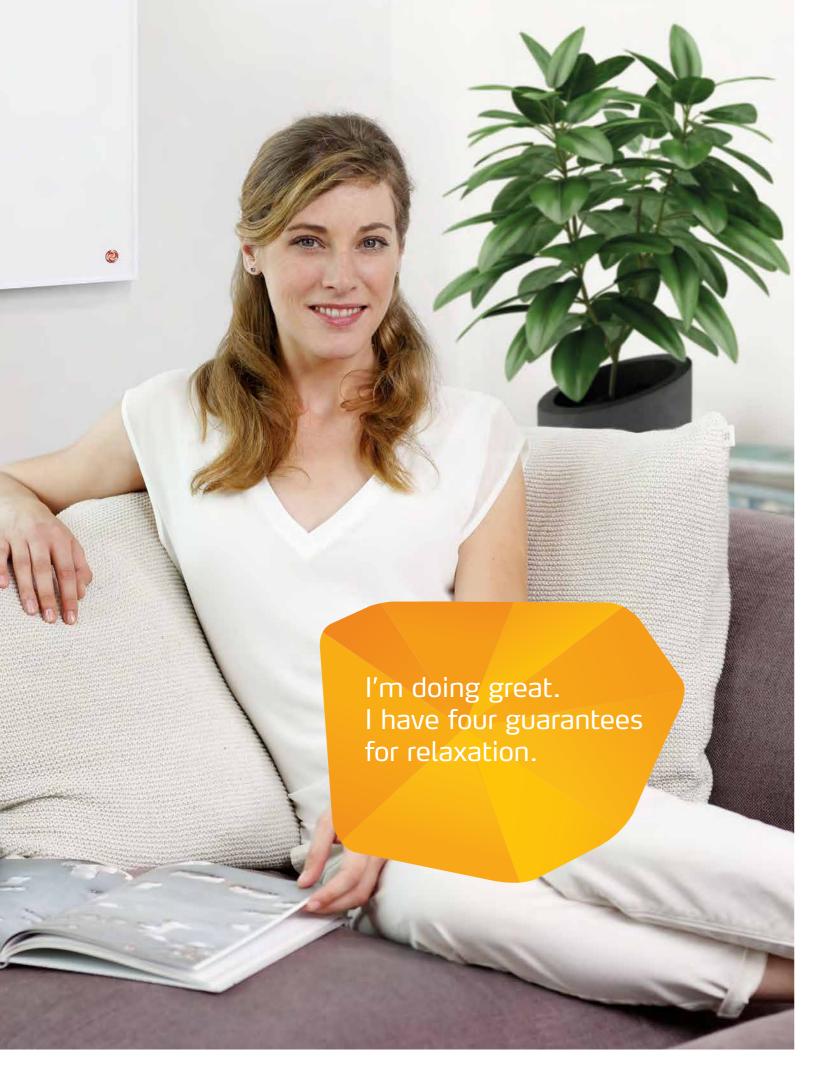








20 | Control Control | 21



Brings energy with a guarantee.









Four guarantees – unique safety.

5 years of full warranty¹

Your heating system is designed to run for the next decades, the first 5 years of which are covered by a complete full warranty on the devices supplied and their performance, and control devices. Requirement: Construction, sale and installation must be carried out by a certified easyTherm partner or directly by the easyTherm plant. The full warranty contains three other warranties that fulfil the strict EU directives.

Efficiency guarantee

Professional construction and installation by your easyTherm partner give you the efficiency guarantee. Your benefit: Guaranteed to reach the desired room temperature. The European standard EN 12831 defines a standard temperature that is emitted depending on the heating environment and the building conditions. easyTherm and its partners ensure that this required standard indoor temperature in rooms is reached reliably.

Safety guarantee

easyTherm guarantees your safety within the scope of the current EU low-voltage directive. This regulation for electrically operated devices confirms the safe character of the heater if used correctly, and its safety for people, pets and objects during operation.

Easy-living guarantee

easyTherm guarantees freedom from electrosmog according to measurement protocols of biological compatibility. The guarantee is based on a report of i-bmr expert Dr. Plank of the "Institute for Bioelectricity and Medical Room Coherence Research" on electromagnetic influences. Furthermore, the values of the easyTherm panels correspond to the valid EU directives for electromagnetic compatibility. De facto, an easyTherm panel produces less electrosmog than a bedside lamp.

Safe is safe: with easyTherm quality, you get many years of reliable heating.



¹ Warranty conditions are described in detail on our website under www.easy-therm.com

22 | Safety and Warranty



easyTherm partner for the future of heating.

Austria's best: Over 460 easyTherm partners are specially trained heating engineers and electricians. They offer you a complete personalised solution, from the heating load calculation and construction to a system comparison and final assembly – according to your wishes. You will quickly warm up to easyTherm.



Your consultation benefit: The perfect contact persons for private projects and the commercial sector – architects, building planners, building physicists.



Reach all easyTherm partners via mobile phone.



easyTherm partners

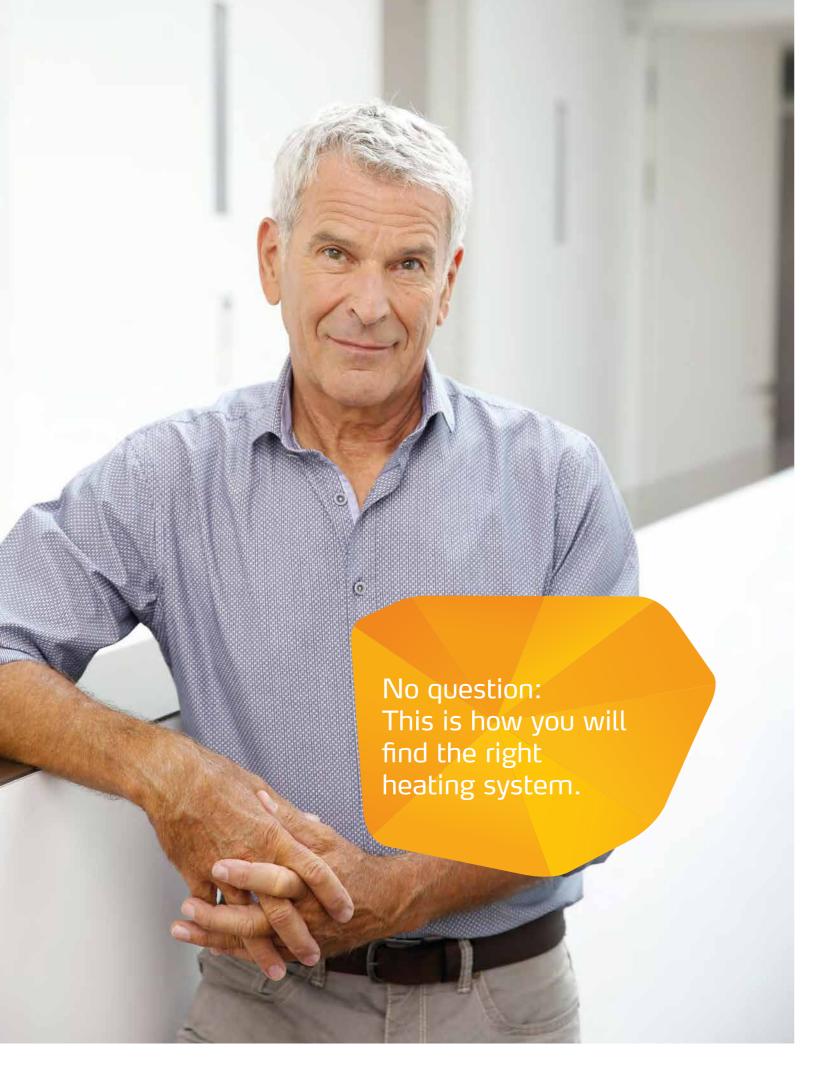
- show you the right path to the right heating system
- calculate in advance the exact design
- calculate the costs
- assemble and install everything properly







24 | Advice | 25



The right path to the right heating system.

easyTherm is more than a heating device. A bit more professional advice leads to a pleasant living atmosphere and comfort. The right path is objective information. A professional heating design also keeps costs in a comfortable range. This is why easyTherm offers specialist advice – step by step.

Clever questions and answers

Checking the building physics, what is the quality of the exterior walls, how airtight are the windows, is the apartment located on the top floor, how old is the building? These questions and many others are of the utmost importance. Your trained and certified easyTherm partner calculates the exact heating load on the basis of all structural facts, the climate on site and your living habits. He creates what we call a "heating design".

Your easyTherm partner calculates it on the basis of the EU standard 12831. This standardised calculation brings reliable results with empirical values from many thousands of housing projects.

Professional consultation in the object sector

Integral planning of the building technology with your easyTherm partner

Seven steps towards safe comfort.

easyTherm offers a reliable, proven advisory concept.

Simply call easyTherm or use the contact form on www.easy-therm.com

Personal meeting with your easyTherm partner, preferably on site

Project planing: Measurement and inspection of the plan

Selection of the type of design and

a mounting locations

Calculation and proposal of 5 an easyTherm solution

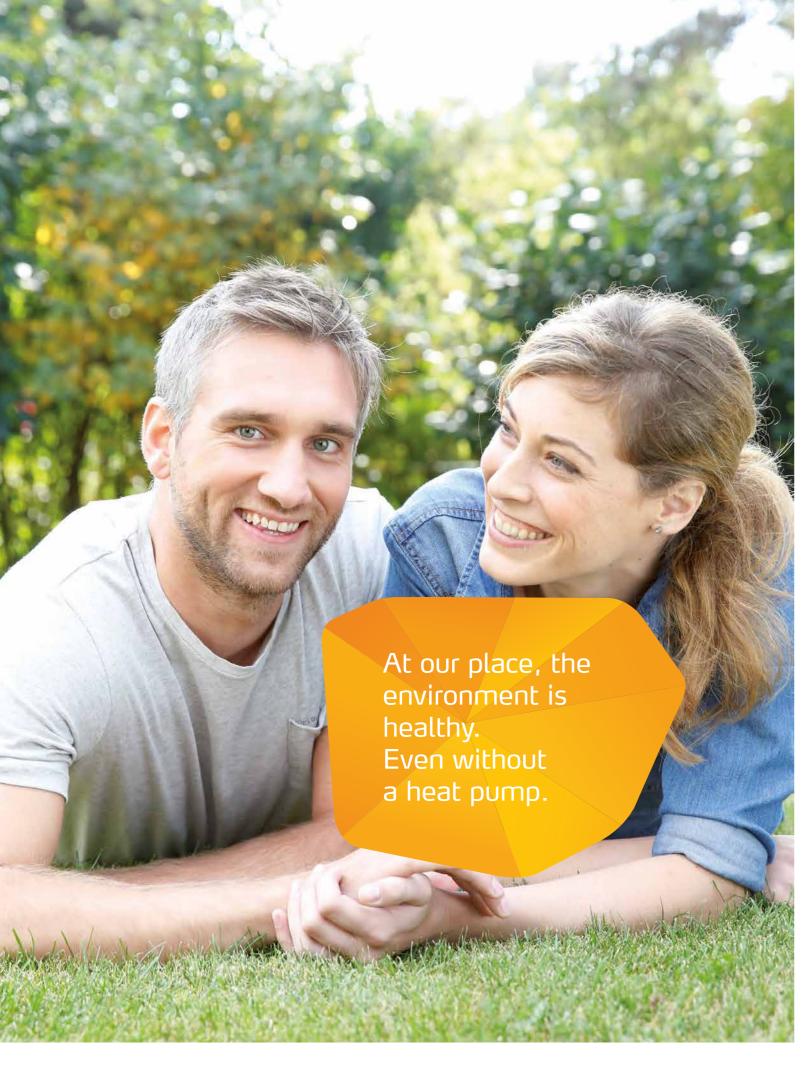
Your easyTherm partner installs and 6 commissions the system

After acceptance, you will enjoy

unmatched easyTherm comfort with a guarantee

By the way: The calculation can only be applied to easyTherm devices, since you can expect higher connected loads (wattage) from other manufacturers, meaning a higher energy consumption in order to reach the same room temperatures. easyTherm guarantees low consumption values, high savings and maximum comfort.

A heating system perfectly adapted to your living situation: The path to well-being.



The true CO2-neutral heater.

A true CO2-neutral heater cannot burn anything. A cubic meter of timber saves a ton of CO2 emission – that's what carpenters say. With good reason. When you burn it, there's a ton of it in the air. That's how CO2-neutral biomass is. Speaking of ecology, heat pump systems also cost a lot of money They need to work a lot to extract energy from the environment and make it useful.

By using green electricity or photovoltaics, easyTherm can make the system completely CO2-free, and even allow autonomous heating. Here photovoltaics are used very efficiently and offer fascinating perspectives for the future – starting today. But even without photovoltaics, the high-tech infra-red heating system is superior to conventional systems.

Heat pump, pellets & co. cannot save more CO2 than intelligent infra-red heating.

A land of currents

In Austria, the origin of the electric current is rigorously controlled. According to a report on the origin of electricity by the Austrian regulatory authorities for the electricity and gas sector, about 80% comes from renewable sources*. Efficient electric heating systems make heating ecological.

What is acclaimed in road traffic, namely the development of mobility towards electricity without using fossil fuel, also applies to heating and will soon become a matter of course. You can already make use of the benefits of the future today. easyTherm brings them to your house. easyTherm has anticipated the trend for the future thanks to its inventiveness and attention to quality.

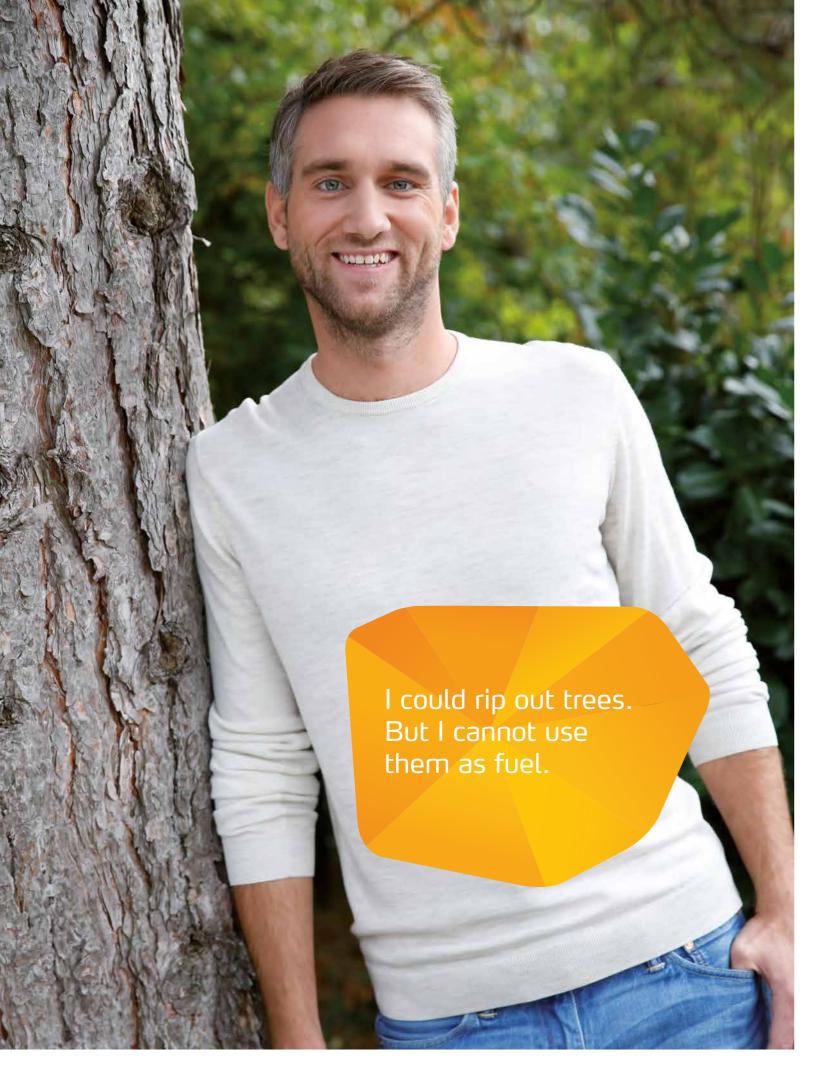
*)Renewable energy sources include bioenergy, geothermal energy, hydropower, ocean energy, solar energy and wind energy, as opposed to fossil fuels.







28 | Sustainability | 29



Facts prove what easyTherm promises.

Unlike others. What we promise our clients is backed by scientific expertise. A few highlights:

- Exhibition of Inventions 2008 in Geneva -Special Award for the invention as "gem on the market"
- Energy Globe Award 2011 and 2012 top placements in Burgenland, awards from the Innovation Prize in Burgenland
- Material developments involving the Fraunhofer Institute with a focus on: health, safety, communication, mobility, energy and the environment.
- Graz University of Technology: "extremely pleasant heat sources, that warm up a room in no time and give a very cosy feeling".

Our easyTherm partners have extensive details at their disposal. All expert reports can be requested. In conclusion:

You can rely on easyTherm benefits.





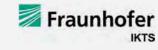
















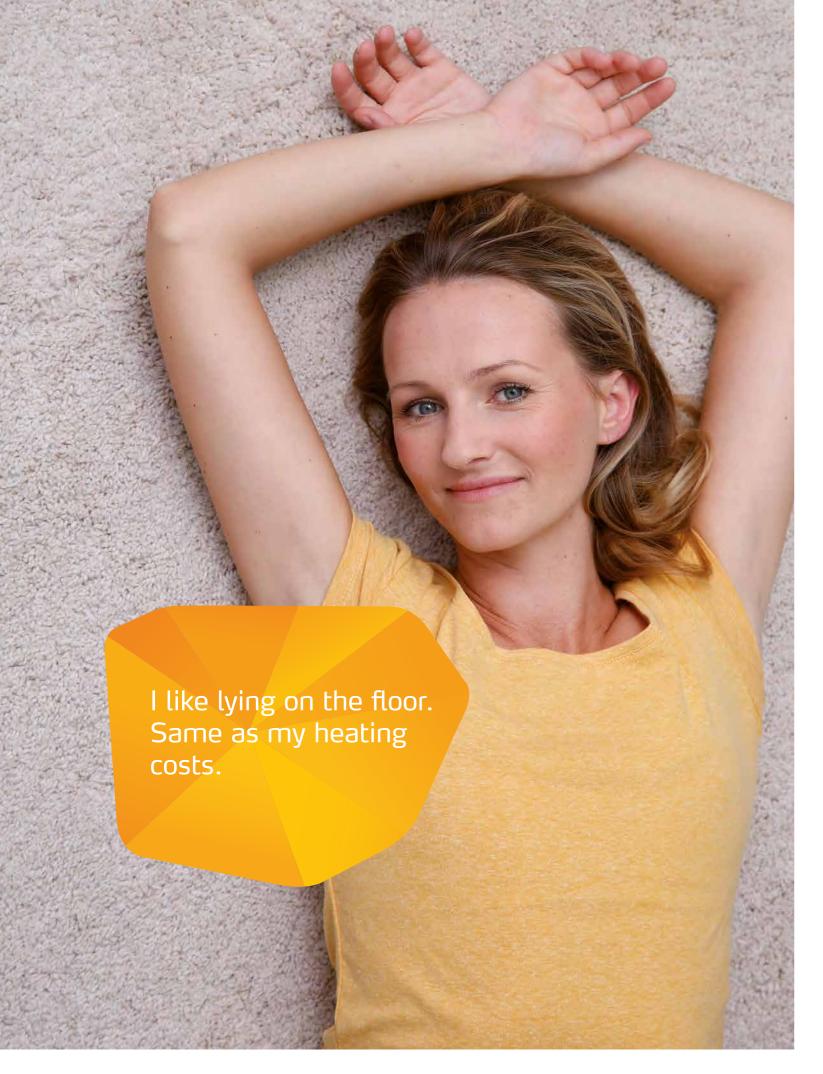








A noticeable benefit: easyTherm creates more comfort than other systems using less energy.



We hear a lot of good about easyTherm. Thank you!

More and more people appreciate pleasant, homogeneous and economic warmth from the ceiling to the floor. Here are a few statements from our original interviews with customers.



Visit easyTherm on YouTube.



Mr. Posch, house owner in Tvrol

"The panels are precisely crafted and they are of high quality, not only visually."



Reiser Family

"The heater is childproof and saves us considerable energy costs."



Jöbstl Family

"Even our plants feel better. The increase in comfort is remarkable, and now for the first time, our floor is warm."

Ing. Reinhard Koch, CEO European Centre for renewable energy EEE Güssing

"We are rich.
Rich in resources –
we must use them too. Our future
common form of energy is renewable energy – and tomorrow's
energy source will be electricity."

EXPERT OPINION



Hotel Sonnenhof, Zell am Ziller

"Our guests experience warmth as if it came from the beneficial rays of he sun."



"The construction of easyTherm makes great use of all benefits of heating with electromagnetic energy as presented in the instructions, and offers an attractive alternative to other heating systems."

EXPERT OPINIO



Boutique OKAY Stainz

"They are a huge improvement compared to my gas heating. They offer my customers and me a unique comfy feeling."

Music School Deutschlandsberg

"I don't even need to tune the instruments as often."

Krenn Family

"Our mould infestation is completely gone."



Heinz Brunner Styria

"This is the best heating system we ever had. We save € 1,901.29 per year compared to our old oil heating."

32 | Customer Reviews | 33



Things are looking good for your comfort. Colours and frame configuration blend harmoniously into your personal living situation. easyTherm panels in eight sizes with different performance levels offer an optimal dimensioning for your heat requirement. Enjoy the comfort offered by a state-of-the-art heating system – there are over 1,100 variations, to suit everyone's taste.

With "artWarming", easyTherm managed the

ceramics make it possible: All the benefits of

the system in a creative look, a highlight for

synergy of art and high-quality technology. A limited art edition produced exclusively for easyTherm offers you heating devices specially designed by contemporary artists. Top quality

The art of comfort

Туре	Dimensions Softline and rare wood mm	Dimensions U-line mm	Electr. power consump- tion in W	Recom- mended room size in m² *
comfort250	650 x 350	606 x 306	125	5
comfort251	1020 x 220	976 x 176	125	5
comfort500 for ceiling system**	650 x 650	606 x 606 615 x 615	250	10
comfort501	1250 x 300	1206 x 250	250	10
comfort750	790 x 650	746 x 606	375	15
comfort751	1250 x 420	1206 x 376	375	15
comfort1000	1020 x 650	976 x 606	500	20
comfort1500	1250 x 790	1206 x 746	750	30
emotion1000	1180 x 650		500	20
emotion1500	1260 x 950		750	30

*) The recommended room size is calculated with a heat requirement of 66.5 kWh

(m² a) and depends on the room use, structure and personal sensitivity to heat.

Design | 35

easyTherm Technology allows form and function

to fit together perfectly

your home. Painting heating for individual houses

Personal motifs are burned onto your infra-redheater. ceramicPrint retains the excellent radiation properties.





34 | Design





You can now ask your own questions. easyTherm is happy to welcome you.

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With best wishes Your easyTherm partner



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