



ERS

Heating. Thinking differently.

Others look for
answers.
**We deliver
innovations.**



www.llumor.es

LLUMOR

PASIÓN POR LA EFICIENCIA ENERGÉTICA



Thinking differently. Reducing heating costs.

Thinking differently:

This is our philosophy, which leads us time and again to unusual, surprising and highly innovative ideas.

Thinking differently specifically means:

Constantly researching, developing, improving, never standing still, questioning what already exists.

This is how we have also completely re-interpreted the topic of "heating". The result is a complete heating system that sets standards thanks to its unique, smart technology made in Austria and today already meets the demands of the future.

Energy-saving, space-saving, durable, maintenance-free, visually attractive, and above all exceptionally powerful and highly efficient – these are the essential qualities of our heating system.

**The ERS Heatscreen –
The complete heating system for your home.**



Others heat rooms: We warm hearts!

Our technology is based on the principle of solar heat and, just like it, works with infrared radiation.

It primarily heats the objects in the room. This creates a pleasantly comfortable atmosphere, is allergy-friendly and helps to save costs.

On the following pages, you can discover the advantages of our special layer technology and find out how easily and quickly the advantages of a good old tiled stove can be converted into a heating system that is as comfortable as it is pioneering.

Both in new builds and in old building renovations.



Others talk. We inspire!



Long live this great distinction: Twice the impact. Twice the efficiency.

Thanks to the special **ERS layer** technology, only our Heatscreens are able to heat with equal power in two directions: forwards AND backwards. The brickwork is therefore also warmed, heat is stored and the walls are dried. This prevents the formation of mould and improves the insulation value

Greater impact with smaller heating surfaces: the infrared Heatscreen from ERS.



Even the heating costs will now warm your heart.

Cheap to buy, exceptionally powerful and economical on energy consumption. This makes our heating system an economical and environmentally friendly investment in the long term.



100% made in Austria, 8-year guarantee.

The omission of additional electronic components and parts means that there are no wearing parts. An **ERS Heatscreen** has a long life: We promise an 8-year guarantee.



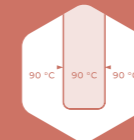
100% plastic-free.

No plastic is used and no other flammable materials are installed. Moreover, the **ERS Heatscreen** is almost 100% recyclable.



Time is precious. So we don't waste it.

The maximum heating time for an **ERS heating** system is 10 minutes. Consequently the room rapidly becomes comfortably warm within a short time.



Core temperature = surface temperature

All heating layers are fused together. There are no transmission losses. The temperature at the **ERS Heatscreen** is also radiated directly into the room.



Even allergy sufferers can now breathe easily.

Thanks to the very low air circulation, allergy sufferers and asthmatics can breathe with confidence. Almost no dust, bacteria or animal hair is disturbed. Very broadly: infrared radiation ensures a better indoor climate.



You need it to click!

With a simple "click" system, the stainless steel fixing box allows fast, accurate installation. You can therefore easily and conveniently take down and rehang your **ERS Heatscreen** at any time.



Others come from yesterday. We are the future.

This is hi-tech made in Austria! The **ERS infrared heating** is a fully fledged, complete heating system for your home and therefore the smart, future-proof alternative to other heating systems.

Boiler rooms, annual maintenance, buying heating materials and reliance on fossil fuels finally belong in the past, thanks to **ERS**.

The **ERS Heatscreen** is made almost exclusively of natural, local materials, contains no plastic, is almost 100% recyclable – and available immediately.

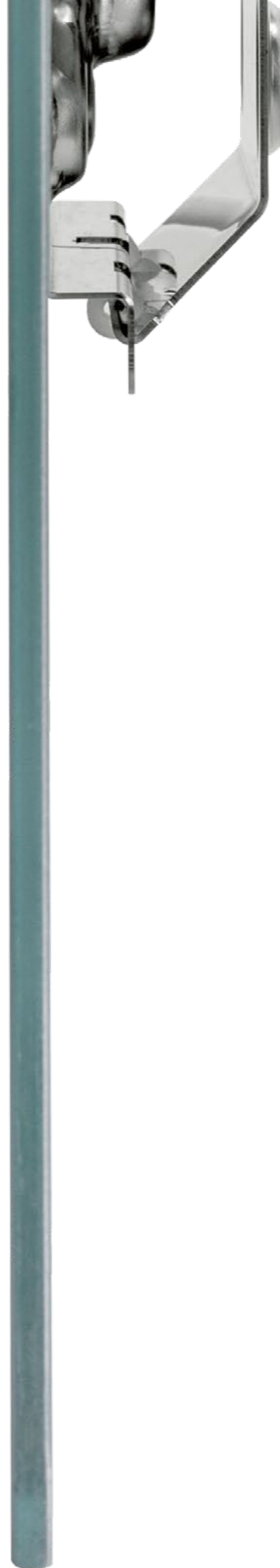
Apart from this, our heating panels are elegant, timeless, compact and fit in any ambience. The screens, of various sizes, can be installed very easily and with no effort. Entry and conversion to a future-oriented technology therefore become a pure delight.

In the short term, you will find the greatest joy in the low costs of acquisition; in the long term, in the performance and low energy consumption.

**Others fear rising prices.
You enjoy rising comfort!**



**Flat can also be strong.
The Heatscreen is a real
flat screen.**



When it comes to the technology, we are in a very special class.

What makes ERS so unrivalled is the special, patented layer technology made in Austria. The **ERS Heatscreen** comprises four layers: ceramic layer, heating layer, ceramic layer and protective layer.

These four layers are fused to a single pane of safety glass at several thousand degrees. The process is performed with the utmost precision by a fully automated plasma robot. This permanent and inseparable connection means that the heat is radiated forwards into the room and backwards into the brickwork directly from the heating layer, with no losses.

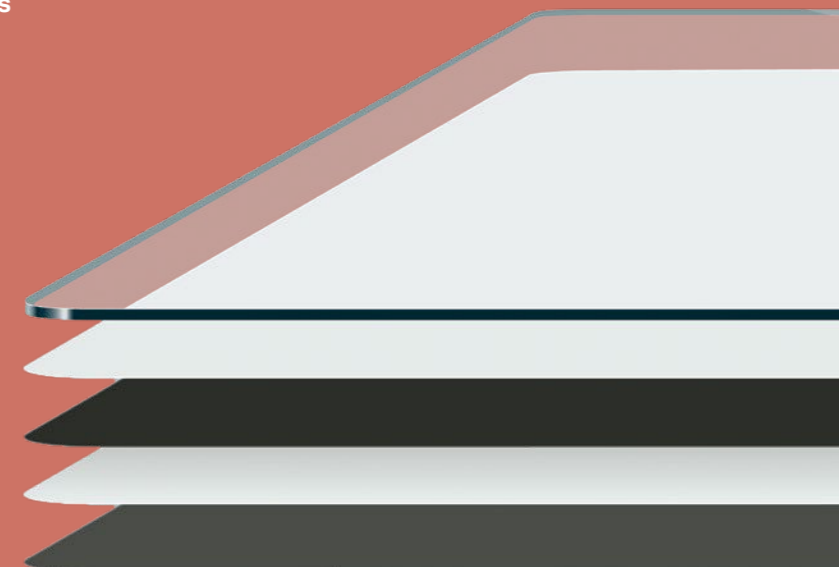
In other words:

The Heatscreen, which is only 5 – 7 mm thick works more than efficiently: it is twice as effective.

More details about our technology can be found here:



- 01 / SINGLE-PANE SAFETY GLASS
- 02 / CERAMIC LAYER
- 03 / HEATING LAYER
- 04 / CERAMIC LAYER
- 05 / PROTECTIVE LAYER



Example of a wireless central and single-room control for a single-family house.

ERS offers the optimum control solution: wired, wireless or plug-in. Further information about the products can be found on our website.



ES-160 central controller

- » Heating control for max. 16 rooms (zones)
- » Built-in room temperature sensor
- » Radio link to the thermostat
- » Can be operated via an app



ES 820 radio thermostat

- » Radio connection to the central controller
- » Battery-powered
- » Easy operation



ES-982 switch actuator

- » Connected to mains electricity
- » Surface-mounted switch actuator, can be installed invisibly behind the ERS Heatscreen
- » Radio link to the thermostat
- » Wired connection to the panel



ES-981 plug-in switch actuator

- » Plugged into a socket
- » Infrared heating can also be switched on/off manually directly on the ES-981
- » Radio link to the thermostat
- » Wired connection to the panel

Others think of themselves The ERS controller thinks ahead.

We think differently – and of everything. That is why our technology also has the necessary sensitivity to your needs.

Indeed, energy-efficient also means that you can easily get every room individually to the desired temperature. With the ES-160 central controller and the mobile app the heating can be controlled easily and at any time when you are out and about – from the office or even from your holiday destination. Equally, you can set daily, weekly or economy programmes depending on your daily routine. In addition, you therefore specifically save valuable energy and costs.

Whether with a conventional timer, plug thermostat or state-of-the-art app controller on your smartphone: ERS offers demand-based, optimal solutions for any requirement, any purpose and any budget.



ERS towel holder

The towel holder can be installed on models L and M. It can be retrofitted at any time on existing, vertical radiators; no dismantling of the ERS Heatscreen is required.

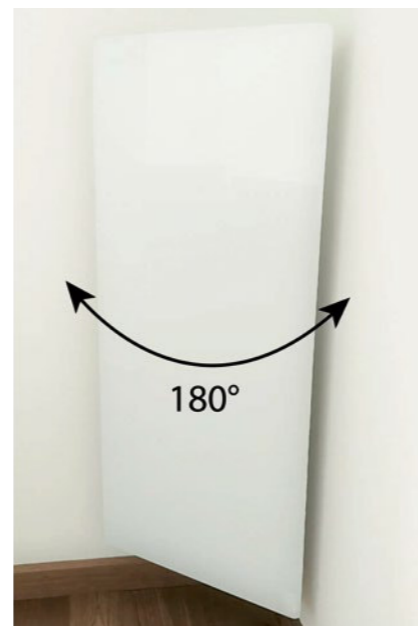


ERS stand base

The ideal, elegant solution for rooms in which wall mounting is not possible for any reason. With this stand base you can position your ERS Heatscreen models M and L fully flexibly and use them as a mobile solution.

ERS swivel wall mounting

Perfectly suited to particularly individual installations, e.g. in a corner. The ERS wall mounting is fully adjustable and suitable for Heatscreen models M and L.



Others have no answer.
We have the perfect accessories!

Maximum heating comfort is a question of perfect technology – as well as extensive, user-friendly accessories. Here too, we lead the way, as we know not only what you need but also what you dream of.

Perfect accessories allow you to use your ERS heating optimally in every room. Whether towel holder for the bathroom, mobile stand base for greater flexibility or swivel arm for perfect use even of corners: We meet your individual and specific requirements in full.

ERS: As efficient as it is versatile!



Others talk about sustainability. **We live it.**

We look after not only people but also the environment. Over 50% of the company's electricity is generated from solar energy, and we work in a way that is exceptionally resource-efficient: our raw materials come primarily from the region and we produce only in Austria. However, the vision that moves us is different and special.

Our vision:

With foresight and outstanding staff, we produce an innovative, impressive heating system.

Our mission:

Smart heating for your hassle-free energy solution, in quality you can trust.





Others promise. We advise.

Maximum efficiency – we guarantee this for your heating and of course also with our advice and information. That is why it is important to us to provide you with professional support on your journey to the heating system of the future.

So that your new heating system can be fully effective and bring you the greatest possible cost savings and comfort, various factors must be taken into account. Your ERS specialist partner knows, for example, exactly where in the room, on which wall and at which height which Heatscreen will deliver optimal results.

So: don't rely on your feelings – rely instead on the experts from ERS.

If you would be interested in receiving further information, please write to info@ers-heatscreen.com or simply give us a call: **+43 (0)6244 8554-50**.

You can also use the form on our website: www.ers-heatscreen.com. It's easy and straightforward.

Step 1: Complete the form with your details and requirements.

Step 2: We identify a qualified specialist partner in your area and immediately forward your enquiry.

Step 3: The ERS specialist partner contacts you to advise you and to prepare an individual quote.

We offer you a free heating load calculation and heating planning for your project.

Go directly to the form here:







Out of oil and gas:
into the future!

Others dream of getting out. You can switch effortlessly.

Heating replacement.

On average, heating systems in Austria are 20 years old and no longer up-to-date with technology. This results in high operating and maintenance costs, as well as reliance on the uncertain oil and gas supply situation.

ERS allows an easy, quick and cost-effective switch to a future-proof heating system. All you need is an electricity connection and the new heating system is ready to use. ERS is manufactured 100% in Austria and readily available.

Moreover, in conjunction with a photovoltaic system, your home heating can be virtually CO₂-neutral.

Renovation.

Another advantage when renovating old buildings is that the radiant heat prevents the formation of mould and keeps the walls dry. This protects and conserves the old building structure. Furthermore, the wireless control solution means that the installation is virtually free of any additional cutting and conversion work.

New build.

With new builds too, the advantages of an ERS infrared complete heating system are convincing. The investment costs are low, there are no pipes to be laid and there is no need for a boiler room or expensive technology. The costs of acquisition are significantly lower and, thanks to the low electricity consumption, the running costs are also lower than with other heating systems.

In other words: for all requirements, ERS is the easiest, quickest and financially most sensible entry into the future of heating.

Others offer nice extras. We offer the right choice.

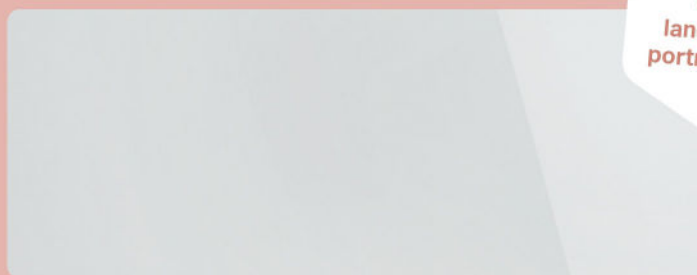
The new dimension for heating – in four different sizes! The exact dimensions are designed on the basis of the “golden ratio”. Screens of various sizes can therefore be mixed seamlessly. Consequently, the latest technology is combined with stylish, reduced design.

Others focus on appearance.

We focus on performance.

ERS Heatscreen Large

Nominal power: 1350 W
Dimensions: 520 x 1361 x 7 mm
Distance from the wall: 50 mm



All sizes can be used in landscape or portrait format!

ERS Heatscreen Medium

Nominal power: 800 W
Dimensions: 520 x 841 x 5 mm
Distance from the wall: 50 mm



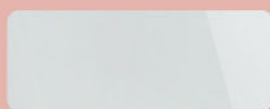
ERS Heatscreen Small

Nominal power: 300 W
Dimensions: 520 x 321 x 5 mm
Distance from the wall: 50 mm



ERS Heatscreen Mini

Nominal power: 200 W
Dimensions: 520 x 200 x 5 mm
Distance from the wall: 50 mm



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