

*infra***SWISS**[®]

 **SWISS MADE**

Feel more warmth
Cosy warmth
for your home



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Infrared heating

The product

Infra-SWISS offers a heating system that meets all heating needs. Whether in a new building, an extension or a conversion, you can look forward to big energy savings.

Technology that is sustainable and innovative

Sustainability and innovation means extremely low energy consumption with maximum performance. InfraSWISS gives you both.



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Advice, planning and implementation

Expert advice is crucial. You can count on our experience!

Products

When heating makes an impression!

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Here's how to find us

Contact addresses

Just call to make an appointment and come on round. We look forward to seeing you.



Comforting warmth – the kind of energy that benefits humans, animals and plants physiologically, generating feelings of contentment

04



People have been enjoying the comfort of the sun's warmth since primeval times. InfraSWISS, the heating solution made in Switzerland. Bring sunshine into your home.

05

Infrared heating

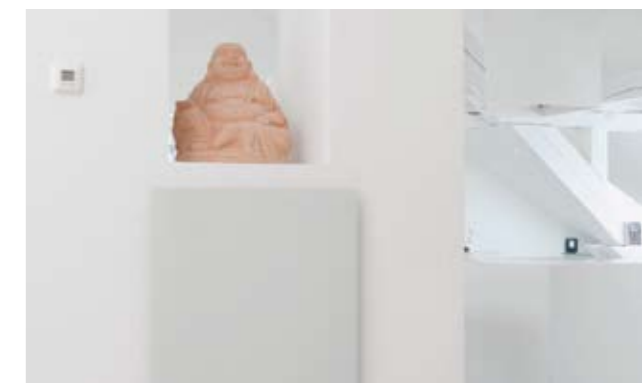
Product

InfraSWISS heating elements produce that kind of heat that makes you feel good, warming up all solid objects in the entire room. That includes walls, floors, ceilings, furniture and so on. The surface temperature of the building itself is higher or the same as the air temperature in the room. This prevents the build-up of condensation, denying mould a breeding ground. Damp brick-work simply dries out.

Water pipes, boilers, burners, chimneys, radiators, convectors and ducting, all of which are an integral part of conventional heating systems, give rise to losses. InfraSWISS heating elements have eliminated such losses.

Conventional oil, gas or electric heating mainly provides heat to the air in the form of convection over heated, hot surfaces. Only a very small portion consists of infrared heat. However, the portion of infrared heat is crucial for how the climate in the room actually feels. That is why the warmth given off by a tiled stove feels so cozy – there is a high proportion of infrared heat. InfraSWISS heating elements only produce a pleasant infrared heat that makes you feel good.

Just as with the infrared heat from the sun, the energy produced by infraSWISS heating elements is stored, with practically no loss, in any objects in the room. The surface temperature of the materials and furnishings in the room maintain the ideal temperature.



Sustainability through innovative technology

06

07

Using energy efficiently

To use energy efficiently, a heating system needs an extremely short reaction time. A short reaction time, together with an easily operated temperature regulator in individual rooms, makes it possible to use heat in a sensible and targeted manner. With an infraSWISS heating system, those areas that are not in use, or are used only rarely, can be left at lower temperatures. When required, the room can be warmed up very quickly to reach the temperature needed for comfortable living.

Sustainability

When it comes to sustainability, developing innovative heating technology means finding products that are absolutely compatible with the environment and successful in economic terms, so that the customer can be sure that he is acting responsibly towards Nature.

The modern technology used in infraSWISS equipment requires as little electricity as possible. The loss-free heat transfer and short reaction time guarantee an extremely economical use of the world's resources.

Technology

Thanks to their use of the latest technology, infraSWISS heating elements are astonishingly economical and very efficient. The heating elements have unparalleled heat distribution when under a very low connected load. The immediate transmission of the heat energy makes it possible to control the temperature directly, saving energy, whilst adjusting it to changing conditions inside and outside - such as the external temperature, sunshine through the window, and heat emitted by lighting. Thanks to infraSWISS heating systems' short reaction, hardly any temperature variations can be detected in the room and heat gains arising from changing outside temperatures can be put to better use.

Control

The regulation of the heat requirement – with or without a setback function as required – uses thermostats, individual or central, with manual or radio controlled operation or even SMS control for holiday homes.

Installation

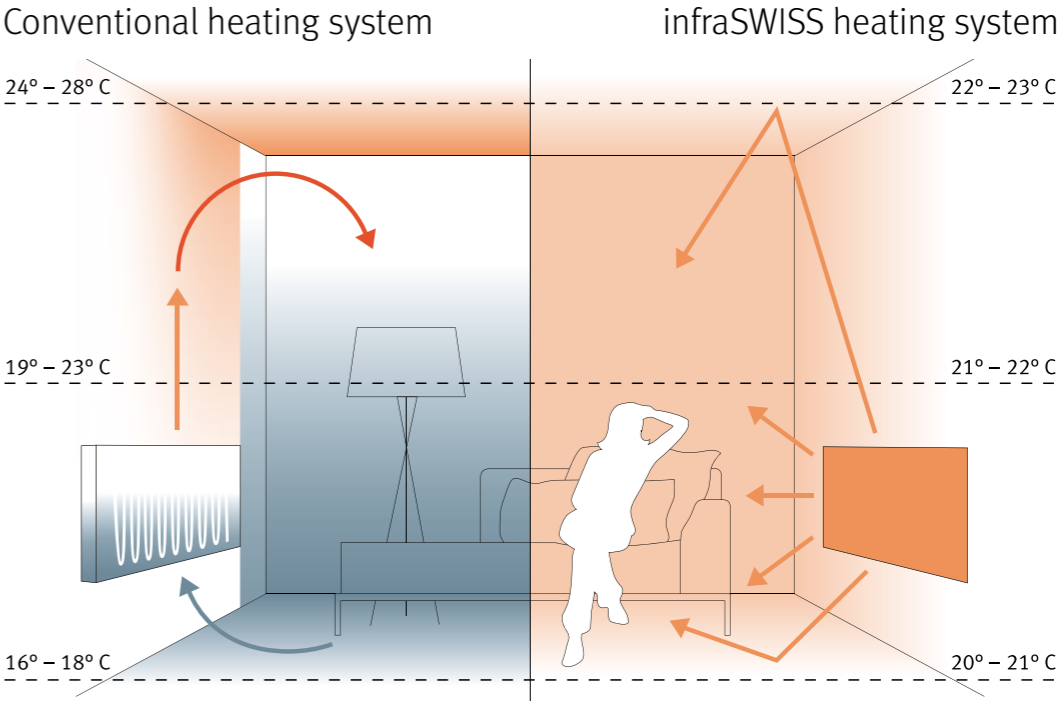
The installation and mounting of infraSWISS elements is very easy and needs only minimal advance preparation. The primary requirement is a 230V power connection through an electrical outlet or with a direct cable connection.

Operating principles

Conventional heating systems warm up the air and get it moving. As it rises, the air cools down, sinks and rises again when it is reheated. A draft develops, as does a marked temperature difference between floor and ceiling. So to feel comfortable, the heating is turned up. The air dries out.

With infraSWISS heating systems the objects in the room warm up, as does the air. No draft develops. Walls, floors, ceilings and objects in the room are around about the

same temperature as the air, approximately 20° to 23°C. Because there is no draft, the walls, floors, ceilings and objects in the room radiate heat, the required air temperature is around 2-3°C lower. It feels more comfortable. It is noticeable. The air remains at a consistent temperature and feels more comforting and pleasant.





Development

Thanks to the development of a more efficient technology, infraSWISS heaters provide a better thermal output with a lower power requirement. This innovation is infraSWISS' most defining achievement. It helps save energy and lowers the operating cost substantially.

Production

These high quality infraSWISS heating elements, with their unmistakable glass front are manufactured, in Switzerland according to ISO 9100, using the latest manufacturing techniques. InfraSWISS heating elements are reliable, economical in use, and meet highest quality standards.

The company

InfraSWISS AG is a Swiss company specializing in the development of infraSWISS heating elements. We attach great importance to the fact that as a company we always respect our environment and ensure that our manufacturing methods are, just as our products, economic with energy.

Swiss made

InfraSWISS has confidence in the domestic market, with design and manufacturing being carried out exclusively in Switzerland. Because quality and responsibility are the foundation of sustainability.

Certificates

All infraSWISS heaters have an IP 54 protection rating and have been tested and certified by the Swiss Electro-technical Association (SEV).



Advice, Planning and Implementation

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Our core competence

You can easily see from our range of products which heating elements you can install in your property, where you can install them and in which combination. You can also not only see the total cost of your investment, but also the savings you will make in heating costs. In the appendix, you also have an energy cost calculator based on current electricity prices. We work out the annual energy costs you can expect for your property. It is in the interests of both parties that we ensure that the energy calculation for your premises is carried out accurately.

Advice

The right choice and combination of infraSWISS products is crucial for the perfect installation and operation of your new infrared heat source. To satisfy both your personal needs as well as those of local conditions and regulations, a well researched consultation is very important.

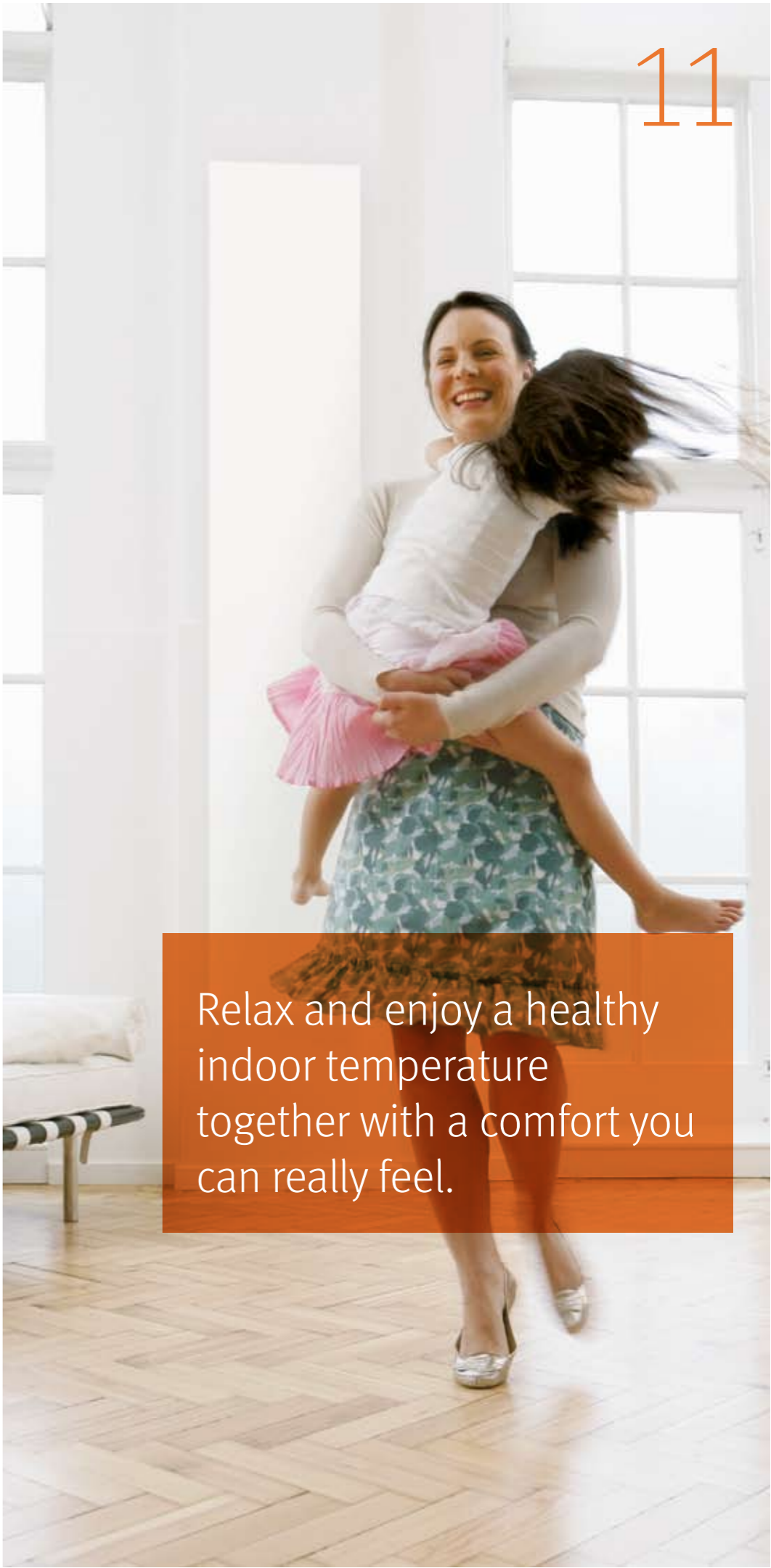
Our infraSWISS technical advisers are trained and have several years of experience in infrared heating technology. We would be pleased to advise you at your premises, so that we can determine your individual heating needs.

Support

We will support and assist you in the planning and implementation of your project, and are always available to provide advice and practical help to you and the installers. So that you can enjoy the warmth we promised you.

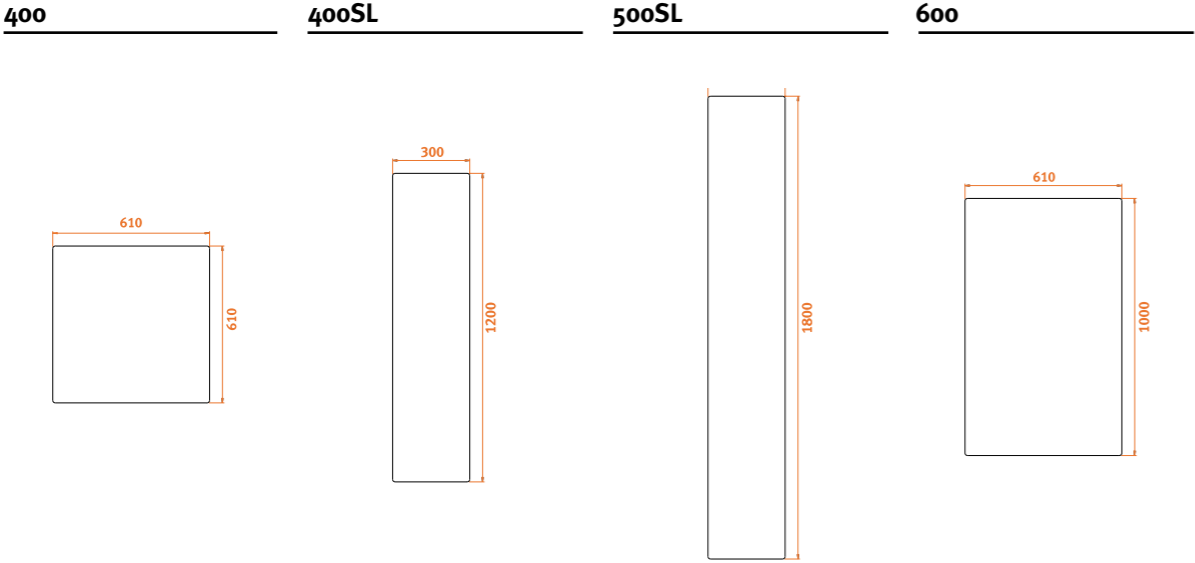


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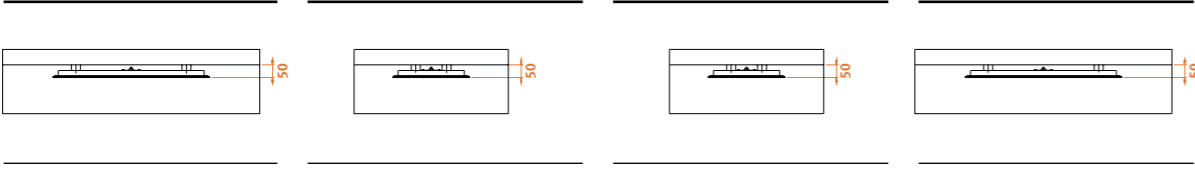


Relax and enjoy a healthy indoor temperature together with a comfort you can really feel.

InfraSWISS heating elements



Wall distance

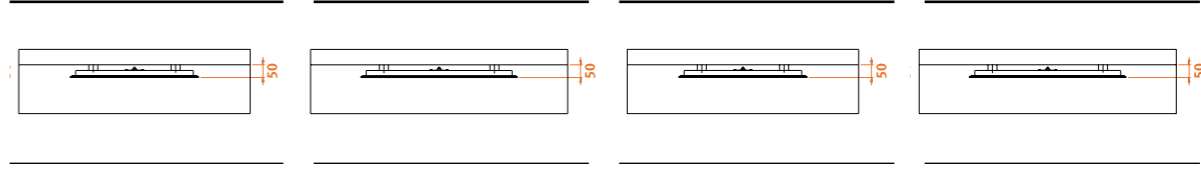
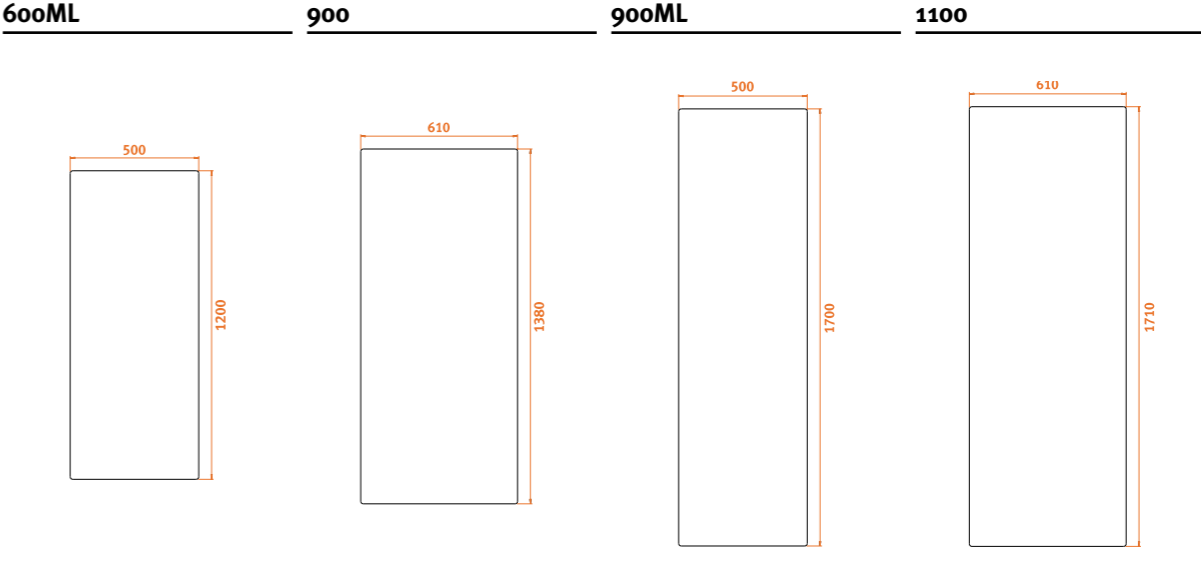
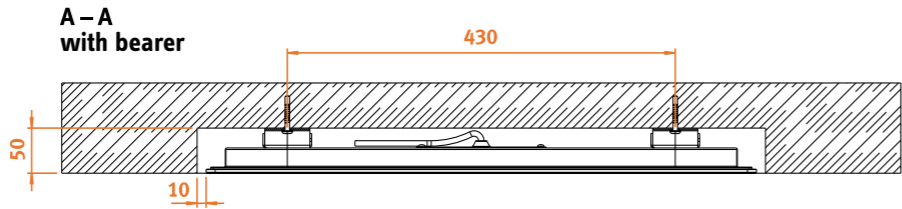


Overview

InfraSWISS heating elements are available in different sizes and colors. Thanks to the wide range, these products can be installed in any house without looking out of place.

Integration

Mounting them flush with the wall or ceiling is simple. We have developed special mounting plates for this.



Product array

You can order the required plans from us. In our heating systems product overview you can find more detailed information about infraSWISS heating elements and the associated range of controls. Our specialists would be pleased to advise you.



- 3 x less energy compared to oil heating
- Outstanding performance compared with conventional heating systems
- Maintenance-free operation
- Long product life
- No space required tank or boiler room
- Small capital outlay
- Short reaction time during heating up phase
- Highly reliable
- No losses during the energy transfer
- No soot, no CO₂ output
- Extremely low energy costs
- Simple operation
- Individual, targeted room heating
- Constant and adjustable warmth, even at very low external temperatures
- Good consultation with years of experience
- First-class service

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