



*Nature & technology
at your service*

 **elith**
Natural Stone Radiators



Radiant heat... the source of life!

The benefits of radiant heat, also known as infrared heat or thermal radiation, have been known since the dawn of humanity. The first and most powerful emitter of radiant heat in our solar system is the sun. Today, the innovative company ELITH has brought together healthy radiant heating, electricity and elegant natural stone to create a brand new type of radiator. Health, wellness, natural heat and efficiency, elegant design and respect for the environment, made possible by advances in technology and the unsurpassable properties of natural stone.



Welcome to the future

Looking for the ideal quality heating system?
Look no further than radiant heat!

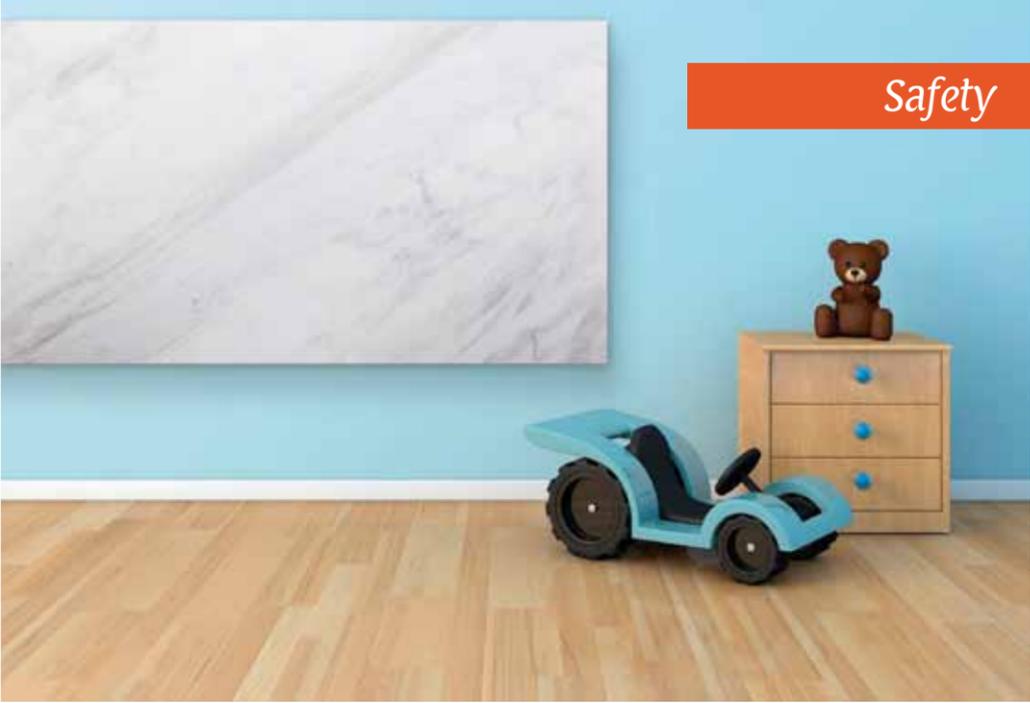
Know-how, fine, top-quality raw materials are now available from ELITH, the cutting-edge natural stone heating-system company.

For those of you who...

- ✓ are planning a new home,
- ✓ want to replace an old, costly heating system,
- ✓ looking for a contemporary heating system at low investment cost with guaranteed return on investment,
- ✓ appreciate stylish design,

ELITH provides the ideal solution— different from conventional solutions, using advanced technology to make it economical and healthy with excellently designs produced from exquisite natural stone.

What does radiant heat offer?



ELITH's stone radiation heating system is both functional and economical. Infrared waves transfer thermal energy directly to objects and the surrounding walls without losing heat into the air. Therefore, rooms are fully heated without any loss of energy.

Users of the ELITH natural stone radiators enjoy a high quality of warmth in an environment with ideal humidity and free from the dust and microorganisms that are stirred up by conventional convection heaters.

Why is radiant heating better than conventional heating?

Superior, natural quality warmth

Radiant heating systems don't heat the air, instead they transfer thermal radiation directly onto the solid objects in a space. There is an equal and stable distribution of heat throughout the space while the air itself remains cool, eliminating the draughts that spread dust and bacteria.

Increased cost efficiency

Natural stone radiators boast one great advantage: due to their large thermal capacity, they retain their heat and emit heat for much longer. Furthermore, they can be set to operate at off-peak electricity rates.

Stress-free operation

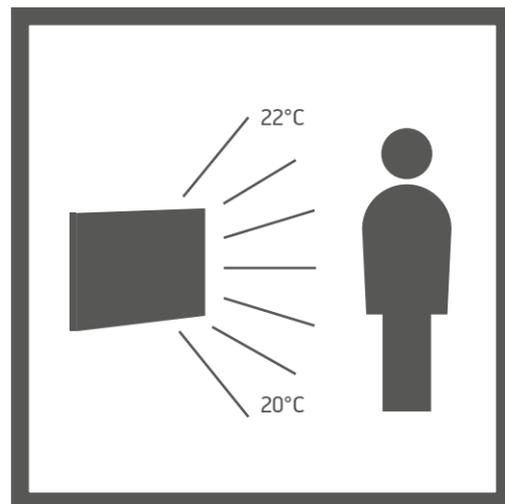
Another important feature of natural stone radiators is that they have no moving parts to maintain or replace. This means that they are extremely hard wearing with great durability.

Simple, convenient and versatile

Natural stone radiators are easily and quickly installed in a position of your choice: low, high on the wall or even on the ceiling. Their unique advantage is that they can be connected to a thermostat without adding any extra wiring. By creating separate heat zones for the different needs of each part of your space, you can cut down even more on energy costs.

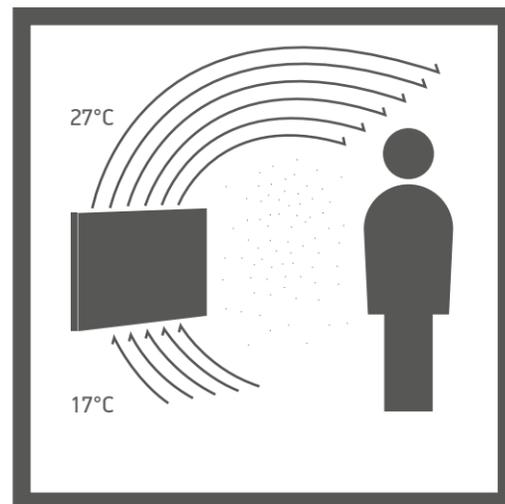


RADIANT HEAT



The gentle radiant heat warms people and objects but not the air. Heat is retained even when the room is ventilated.

CONVENTIONAL HEATING (WITH CONVECTION)



Convection creates draught and stirs up dust, and warmth is lost through ventilation.

What does marble offer as a natural stone?



THE BEST STONE AVAILABLE ON EARTH

Marble is inextricably linked with man's history. Apart from their matchless aesthetic quality, marble and other natural stones are selected by ELITH as its basic construction material for infrared radiators for various reasons.

Marble is a pure product and indisputably hard-wearing. The heat capacity of the material makes it extremely efficient as it accumulates and emits infrared heat, making for great energy saving.

Nature has exhibited its artistic brilliance in every piece of marble. The unique and lengthy process of shaping each natural stone gives it its distinct and diverse shapes. Furthermore, it comes in many hues and textures allowing it to be seamlessly incorporated into every space as if it were a single unbroken entity.

Natural stone radiators are very different from usual heating systems; in fact, they far surpass any conventional device.

The stones and their origins

We select only the highest quality stones that the earth offers up, each one with its distinct character and accompanied by its own story. Choose the type which best suits your tastes from amongst the 12 superb varieties ELITH makes available.

* More stones are available upon request.

Designed / Art

Hand-crafted and machine finished radiators. This has a fine, curvilinear design. Custom made designs can also be ordered.

Anthrax Silver / Brazil

This model, in rough dark black slate with shimmering iridescence. Gives genuine elegance to modern interiors.

Coffee stone / India

Dark light brown sandstone with faint beige grain. Exceptionally discreet, it resembles wood. A distinct yet understated stone.

Mocca / Portugal

A creamy marble of beige or light brown colour with coarse brown grains. This is a marble of strong character and marvellous texture. Extracted from Lisbon.

Estremoz / Portugal

Pink and smooth with strong ash-grey flecks, this is a stunningly sun-drenched stone with character that sets it apart. Ideally suited to brightly-coloured spaces.

Polaris / Skopje

This is a clear white stone with raindrop-like grey-black touched. It has a glowing surface and is quite distinct in style.

Blackeden / Greece

An antique dark black stone with a hint of white grain. Amongst the darkest marble on earth, its subtlety can make the difference to your space. Extracted from Imathia.

Labrador / Norway

Labrador is a coarse-grained granite with fine, gray-blue glow that comes from the embedded crystals. Main applications are wall panels, sculptures and ornaments.

Palisandro / Italy

The fine-grained crystalline, brownish Palisandro contains much mica and often form cloudy, wavy-lane drawings with a strong, brown tinge. Colours range from light brown to dark brown or blue-gray.

Sylvia / Egypt

From antique beige to light brown, this limestone has a rough surface of cereal grains. Ideally matched with earthy colours and rustic décor.

Thassos / Greece

Finely-grained, all-white dolomite marble, this stone has been extracted from the island of Thassos, and which was the stone of choice for sculptors in ancient times.

Galaxis / Greece

A semi-white dolomite stone with its characteristic luminous white substratum and irregular grey granulations. This stone is found in the area around Drama.



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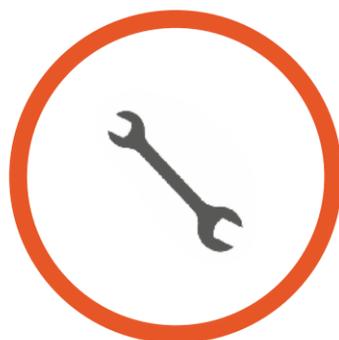
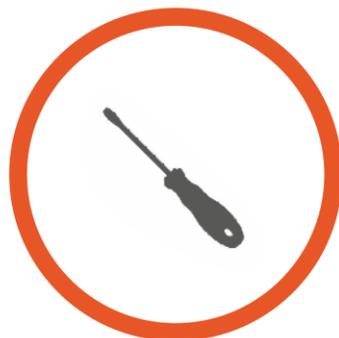
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Simple, fast and clean installation

ELITH radiators can be placed either vertically or horizontally on the wall. Whichever way you choose, mounting is extremely straightforward. The connecting cables and the made-for-purpose wall brackets are discreetly placed behind the radiator, while the distance from the wall is 4cm. Their operation is easily and simply controlled by a room thermostat.

ELITH radiators are available in a broad range of sizes or **can be custom-made to your requirements.**



Thermostats

- Easy placement and simple to set.
- Wireless, equipped with the most advanced operating systems.
- Multiple zone settings for improved energy efficiency.



RTBSB-001.401

Analog room temperature controller ready-to-plug

Sensor bimetal

Admissible air moisture: max. 95 % r. h., non condensing

Switching capacity: 13 (4) A / 230 V~ (3000 W)

Break contact, 5 ... 30 °C, numeric scale 1 ... 6

Cable, 1.5 m long, with Schuko adapter

Degree of protection: IP 30



RTBSB-001.096

Analog room temperature controller

For surface-mounted installation

With heating indicator lamp

Switching capacity: 13 (4) A / 230 V~ (3000 W)

Break contact, 5 ... 30 °C, numeric scale 1 ... 6

Protection class II

Degree of protection: IP 30



HTRRBU

Electronic room temperature regulator with timer ***in wireless connection**

LC display, learn mode / battery empty indicator (LED)

Access buttons for "ON/OFF", holiday and party setting

Operating mode and display of all settings

Daylight savings time / standard time, child lock

Preset weekly program

Degree of protection: IP 30



HTFRB

Radio-controlled receivers

2-colour LED

NO contact 13 (3) A for up to 3,000 W (heating)

1-channel radio temperature controller (receiver) for surface- / wall-mounted installation

Switching capacity: 13 (4) A / 230 V~ (3000 W)

Electrical connection 0.5 ... 2.5 mm², with central control

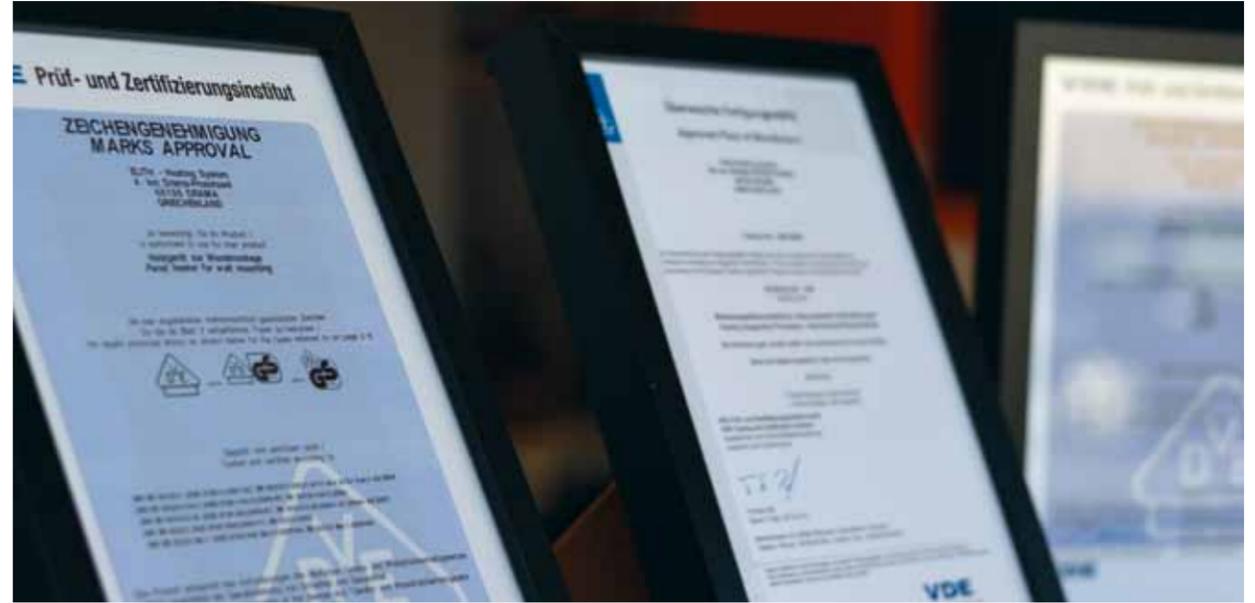
Degree of protection: IP 30



TYPE	DIMENSIONS LxWxH (cm)	POWER (watt)	CURRENT (A)	SUPPLY VOLTAGE (V) 1/N/PE ~50Hz	WEIGHT (kgr)
MH17	135x60x3	1650	7,2	230	73
MH15	125x60x3	1450	6,3	230	67
MH12	100x60x3	1150	5,0	230	52
MH09	100x50x3	850	3,7	230	44
MH07	100x40x3	650	2,8	230	35
MH04	60x40x3	350	1,5	230	21

Protection Class : Class II (double insulated)
Protection Rating: IP25 (protected against water jets)

More about ELITH



Reliability, functionality, design: our philosophy in a nutshell.

ELITH is a pioneering manufacturing company, providing reliability and professionalism in its unique radiant heating products. Based in Germany, we have production facilities in Germany and Greece.

Our production is based on the highest quality and safety standards and the company meets the requirements of **ISO 9001:2008** quality assurance standard, certified by TÜV Saarland. The company is subject to annual controls by certification organisations, thus contributing to its excellent product safety.

ELITH radiators are made from natural stone, selected from the best available worldwide. State-of-the-art equipment and strictly trained staff assure the unique value of each and every ELITH natural stone radiator.



Certification: Our products are fully certified by the renowned German certification body VDE and comply to all necessary VDE/EN/IEC standards.

Comprehensive range of products and services

Apart from its supreme products, ELITH also offers the following services:

- Technical advice on carrying out projects,
- Consultation on sales and promotion of products,
- Support and project planning and
- Personal contact to immediately covering your requirements.

Our staff has the know-how and experience to effectively meet any requirements you may have.





ELITH natural stone radiators

*Unique in nature,
perfected by man.*



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