

*emotion of sauna.*



English

# If relaxation is a place, you have just arrived there.

## Fulfil your desire for wellbeing - professionally.

For once simply switch off. Bathe in luxurious warmth. Envelop your body in gentle herbal steam and pamper your mind and spirit with mild aromas. To take a high-quality sauna is not a short-lived trend, but part of a philosophy for life which helps people to remain healthy and well-balanced.

EOS has developed its sauna technology over many decades with full regard to the individual wishes of sauna lovers. Whether classical Finnish sauna, themed sauna, herbal or soft steam bath, we know the requirements a modern sauna must fulfil. No wonder then that in Germany we are the number one both in the commercial as well as in the private field when it comes to reliable and innovative sauna technology.

On the following pages you will find out everything about the current EOS sauna heaters and EOS vaporizing systems. Also everything you need to know about our commercial sauna heaters, EOS control units as well as a summary of our sauna accessories. With the help of the technical data on the following pages you can quickly decide on suitable units for your customers. Trust our competence. Fulfil your customers' dreams. Very simply – with EOS.



## Better quality of life permanently.

Those taking a sauna regularly keep their circulation and body active into old age. And thanks to the highest quality standards EOS units are also still really „fit“ even after many years service. So some sauna lovers are even relaxing today in equipment from when we started in the 70s. Even at that time EOS units provided the least possible wear and tear on parts.

In production and assembly we believe in using experienced employees as well as the most modern processes which we are constantly optimising.

EOS is certified according to DIN EN ISO 9001. Naturally our units are “made in Germany”.

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# Sauna heaters



## Sauna classics.

Whether it's an icy winter's day or a warm summer night – taking a Finnish sauna is always relaxing. With a heater from EOS you can comfortably enjoy yourself in a rustic sauna cabin as much as if you were in the sauna hut of your dreams.

With EOS you can choose between free-standing and wall-mounted heaters as well as behind-wall heating systems. The outstanding feature of all models is the compact construction method leaving plenty of room for cabin benches. With a

power of between 2 and 12 kW they are simply perfect for saunas with a volume of between 3 and 18 m<sup>3</sup>.

EOS manufacture the outer shells of the heaters from powder-coated steel sheet or from chrome steel.



HWD: 710 x 420 x 360 mm

### 43.FN Free-standing heater

Free-standing heater for the family sauna. Inner shell of hot-dip aluminium-coated sheet. Terminal box at the rear. Rock holding grid in high-grade steel. Plinth in drip tray design. Available in power classes: 6.0 / 7.5 and 9.0 kW. Colour as desired: Anthracite pearl effect or bright high-grade steel.



HWD: 740 x 460 x 380 mm

### 45.GS Free-standing heater

Free-standing heater for the family sauna. Inner shell of hot-dip aluminium-coated sheet. Rock holding grid in high-grade steel. Elegant grey cast iron cover. Terminal box at the rear. Plinth in drip tray design. Available in power classes: 6.0 / 7.5 and 9.0 kW. Colour as desired: Anthracite pearl effect or bright high-grade steel.



HWD: 800 x 460 x 350 mm

### EURO Stand-Wall-mounted heater

Wall-mounted heaters for family and hotel saunas. Triple-shell technology with inner shell made from hot-dip aluminium-coated sheet and rock basket as an additional inner shell in high-grade steel. Grey cast iron cover. Terminal box at the rear. Bottom plate in a drip-tray design. Available in power classes: 6.0 / 7.5 / 9.0 and 12.0 kW. Colour: Choice of sepia brown RAL 8014 or bright high-grade steel. 12 kW version is completely made in high-grade steel.

With a „floating“ mounting, they heat up with low noise and hence give a particularly refreshing sauna bath. Heating rods and rock basket are made from low-oxidizing high-grade steel. The plinths in the

suction area simultaneously serve as water drip catchment trays. The exceptional convection effect of the EOS heaters ensure optimum air circulation in the cabin and hence creates a pleasant sauna climate.



**HWD:** 780 x 375 x 360 mm

#### **34.A Wall-mounted heater**

Wall-mounted heater for family saunas. Inner shell of hot-dip aluminium-coated sheet. Rock-holding grid and covering frame made from high-grade steel. Height-adjustable rock holder. Terminal box at the rear. Bottom plate in a drip-tray design. Available in power classes: 4.5 / 6.0 / 7.5 and 9.0 kW. Colour: Choice of sepia brown RAL 8014 or bright high-grade steel.



**HWD:** 780 x 460 x 160 mm

#### **RKS wall-mounted heater**

Wall-mounted heater for family saunas. Mounted on the air flow shaft which is supplied. Space-saving installation depth. Inner shell of hot-dip aluminium-coated sheet. Rock basket cover made from stove-enamelled steel sheet. Available in power classes: 4.0 and 6.0 kW. Colour bright high-grade steel. Connecting box on front incl. 1.2 m of silicone connecting cable.



**HWD:** 780 x 460 x 160 mm

#### **43.HB Rear bench wall-mounted heater**

Wall in compact design. Power stages from 3 - 36 kW can be combined. Can also be mounted in different cabin areas or as a supplementary heater to the main heater for optimum heating power.



# Sauna heaters



HWD: 900 x 500 x 500 mm



## Euro-Max – The warmth wonder.

Modern Euro-Max heaters are impressive because of the perfect relationship between the amount of rocks and convection. This free-standing heater in triple-shell technology with high-grade steel basket for the sauna rocks also looks beautiful with its special paintwork and elegant grey cast iron cover.

## Your advantages

- For cabin volumes from 3 to 75 m<sup>3</sup>
- Power: 2 to 36 kW
- Low-noise heating
- Very good convection
- Optimum air circulation and air exchange



HWD: 780 x 415 x 360 mm

**38.AS Wall-mounted heater**  
Wall-mounted heater for the family sauna. Sauna heater with built-in thermostatic control. Temperature regulation range 40°C - 110°C. Heating up time 4 hours. Inner shell of hot-dip aluminium-coated sheet. Cladding material and rock-holding grid in high-grade steel. Plinth in drip tray form in high-grade steel. Outer cladding sepia brown. Safety temperature limiter. Available in power classes 6.0 and 7.5 kW.



HWD: 660 x 300 x 210 mm

**Mini wall-mounted heater**  
For the small sauna. Very compact and space-saving design. Simple connection to control unit possible via the socket connection. For Finnish sauna operation in the smallest space for cabin sizes from 3 - 5 m<sup>3</sup>. Inner and outer cladding of high-grade steel. Connection to 230 V NAC with separate 16A fuse possible. 8 kg box of sauna rocks incl. 1.5 m silicone connecting cable of 3 x 1.5mm<sup>2</sup> inc.



HWD: 600 x 300 x 200 mm

**M3**  
Sauna heating unit for the small sauna with a heating power requirement of up to 3 kW. Built-in thermostatic controller with a temperature regulating range of from 40°C to 110°C. Triple shell design completely made from high-grade steel. Control section can be on right or left side simply by exchanging the outside shell. Space-saving heater mounting directly on the wall. Obtainable in power class 3.0 kW.



HWD: 900 x 500 x 500 mm

**Fin-Tec wall-mounted heater**  
For the family sauna. Inner shell of high-grade steel. Cover and front panel of die-cast aluminium. Height-adjustable rock holder. Terminal box at the rear. Bottom plate in a drip-tray design. Outer shell either sepia brown RAL 8014 or bright high-grade steel. 15 kg box of sauna rocks included.

**From summer 2006.**



- Space-saving compact construction method
- Outer cladding of powder-coated steel sheet or high quality chrome steel
- Heating elements of low-oxidizing high-grade steel
- Delivery includes natural sauna rocks



**HWD:** 900 x 500 x 500 mm

#### **Euro-Max**

Electric sauna heater for family and hotel saunas. For Finnish sauna operation. Cladding of die-cast aluminium, rock basket with air admission holes is located above the heating elements. The heating elements do not come into contact with the sauna rocks. Service-friendly due to its modular construction. Optimised ratio of radiated heat and convection due to the appropriate amount of rocks. Rock filling approx. 60 kg.



**HWD:** 870 x 1120 x 200 mm

#### **46.U High-grade steel**

Free-standing heater for family and hotel saunas. Inside and outside shell completely made from high-grade steel. Bottom plate in a drip-tray design. Rock basket with infusion bowl over full heater width. Infusion funnel with 1 m silicone extension hose and 6 m silicone connecting cable. Obtainable in power classes 6.0 / 8.0 / 9.0 and 12.0 kW.



**HWD:** 725 x 630 x 375 mm

#### **P1 Professional free-standing heater**

Free-standing heater for hotel and commercial saunas. Inside shell and rock basket completely made from high-grade steel. Twin-circuit wiring. Terminal box at the rear. Plinth in drip tray design. Available in power classes 12.0 and 15.0 kW.



**HWD:** 950 x 1000 x 530 mm

#### **34.G Professional free-standing heater**

Free-standing heater for the commercial sauna. Triple shell design in two sizes: 15.0 / 18.0 / 21.0 kW as well as 24.0 / 27.0 / 30.0 / 36.0 kW. Inside and outside shell completely made from high-grade steel. Large rock basket made from chrome-nickel steel. Bottom plate in a drip-tray design. Twin-circuit wiring. Radiated heat and convection due to the appropriate amount of rocks.



**HWD:** 920 x 590 x 670 mm

#### **Z6 Professional hexagonal free-standing heater**

Sauna heater for placing centrally in the commercial cabin. Because of its elegant hexagonal geometry the heater looks the same from all sides. Triple shell design made from high-grade steel. Large rock basket made from chrome-nickel steel. Double-ended electrical connection. Twin-circuit wiring. Plinth in drip-tray design. Obtainable in power classes 12.0 / 15.0 / 18.0 / 21.0 and 24.0 kW.

# Sauna heaters with vaporiz



## Vaporizing systems. The trend to wellbeing with choice.

Today a classical Finnish sauna, tomorrow a cosy warm-air bath and the day after a stimulating herbal vapour bath: With an EOS vaporizing system your sauna can easily be turned into a multiple-

treatment bath or a luxurious beauty oasis. With EOS sauna heaters with integrated vaporizing pockets, the vapour escapes close to or between the sauna rocks. It is thus optimally distributed around

the cabin. The oils and essences can be placed in the high-grade steel bowls which are supplied, which then turn the sauna bath into a fragrant aromatic experience for all the senses. With up to 12 kW



HWD: 660 x 300 x 215 mm

**Bi-O Mini wall-mounted heater**  
Combi-sauna heater for the small sauna. Very compact and space-saving design. In addition to the Finnish sauna this heater also permits a moist warm-air bath, herbal vapour bath and a warm-air bath. And this in the smallest space for cabin sizes of 3 - 5 m³. To be used with ECON H1, ECON H2S and EMOTEC® H 9003 control units. Outer shell and inner housing made from high-grade steel. Obtainable in power class 3.0 kW. Vaporizing power 750 W.



HWD: 760 x 450 x 380 mm

**Bi-O Mat W Wall-mounted heater**  
Combi wall-mounted heater consisting of sauna heater with vaporizing trough arranged at the side. Double-wall heater design with inner and outer shell, rock holding grid, cover frame and drip tray completely made in bright high-grade steel. Recommended for the family sauna. Large high-grade steel herb bowl attached to the covering grille. Vaporizing power 1.5 kW. Electrical low-water monitor incl. Obtainable in the power classes 6.0 / 7.5 and 9.0 kW.



HWD: 760 x 450 x 380 mm

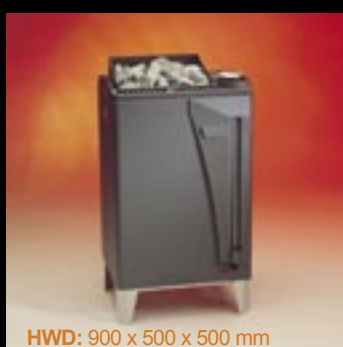
**Bi-O Tec Wall-mounted heater**  
Combi wall-mounted heater with vaporizing pocket integrated into the side of the heater. Outer shell in high-grade steel, bright polished or anthracite with pearl effect. High-quality elegant die cast aluminium cover. Vapour exit to the side of the sauna rocks. Recommended for the family sauna. High-grade steel herb bowl to hold the herbs, aromatic oils and essences. Acoustic low-water signal. Residual water drainage by means of a ball valve. Obtainable in the power classes 6.0 / 7.5 and 9.0 kW.





of power these sauna heaters are ideal for cabins with a volume of up to 18 m<sup>3</sup>. With the EOS supplementary vaporizer and the corresponding control unit a Finnish sauna can

be retrofitted for moist operation in no time at all. The vaporizer system with up to 2.0 kW of power is available for cabins with sizes up to 18 m<sup>3</sup>.



HWD: 900 x 500 x 500 mm

**Bi-O Max Free-standing heater**  
Combi free-standing heater with vaporizer for the family and the hotel sauna. Optimized ratio of radiation to convection heat through the use of a large quantity of rocks (60 kg), with the related powerful sauna infusion. Cover and front panel made from die-cast aluminium. Rock basket with air entry openings is located above the heating elements which do not come into contact with the sauna rocks. Service-friendly due to its modular construction. Obtainable in the power classes 6.7 / 9.0 and 12.0 kW.



HWD: 1000 x 1200 x 200 mm

**Bi-O Mat U Free-standing heater**  
Combi-heater for fitting behind the wall with vaporizer trough integrated into the side of the heater. Inside and outside shell completely made from high-grade steel. Bottom plate in a drip-tray design. Rock basket with infusion bowl over full heater width. Infusion funnel (vaporizer 1.5 kW) with 1 m of silicone extension hose. High-grade steel herb bowl incl. acoustic low-water signal. Residual water drainage by means of a ball valve. Obtainable in power classes 6.0 / 8.0 / 9.0 and 12.0 kW.



HWD: 750 x 180 x 120 mm

**Supplementary vaporizer**  
Space-saving and can also be retrofitted to existing sauna units. Filling and vapour exit via hinged and removable herb sieve. Suitable for sauna cabins with up to approx. 14 m<sup>3</sup> of internal space. Electrical low-water monitor incl. dry-running protection and low water buzzer. Outer housing and storage tank completely made in high-grade steel. High-grade steel herb bowl is included.



## Your advantages

- For cabin volumes of up to 18 m<sup>3</sup>
- Power: up to 12 kW
- Vapour exit near to or through the sauna rocks
- Innovative accessories for the „Themed sauna“
- Residual water drain through ball valve
- Vaporizer equipment in non-rusting chrome-nickel steel
- Optionally with automatic water filling system
- Optical water level display (only for Bi-O Max)



### Suspension device

Innovative accessory for the varied possibilities of the themed sauna. Suitable for sauna heaters Bi-O Max, Bi-O Tec, Fin-Tec and Euro-Max.



### Aroma bowl

Innovative accessory for the varied possibilities of the themed sauna. Suitable for sauna heaters Bi-O Max, Bi-O Tec, Fin-Tec and Euro-Max.

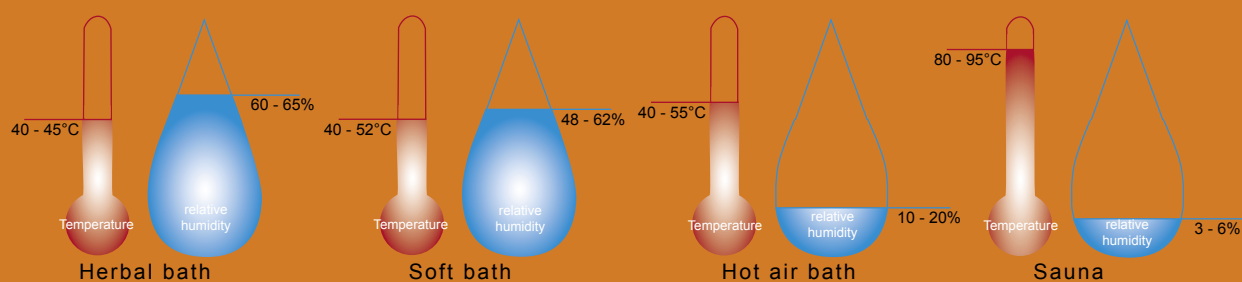


### Herb bowl

Innovative accessory for the varied possibilities of the themed sauna. Suitable for sauna heaters Bi-O Max, Bi-O Tec, Fin-Tec and Euro-Max.



### Practice and bathing type



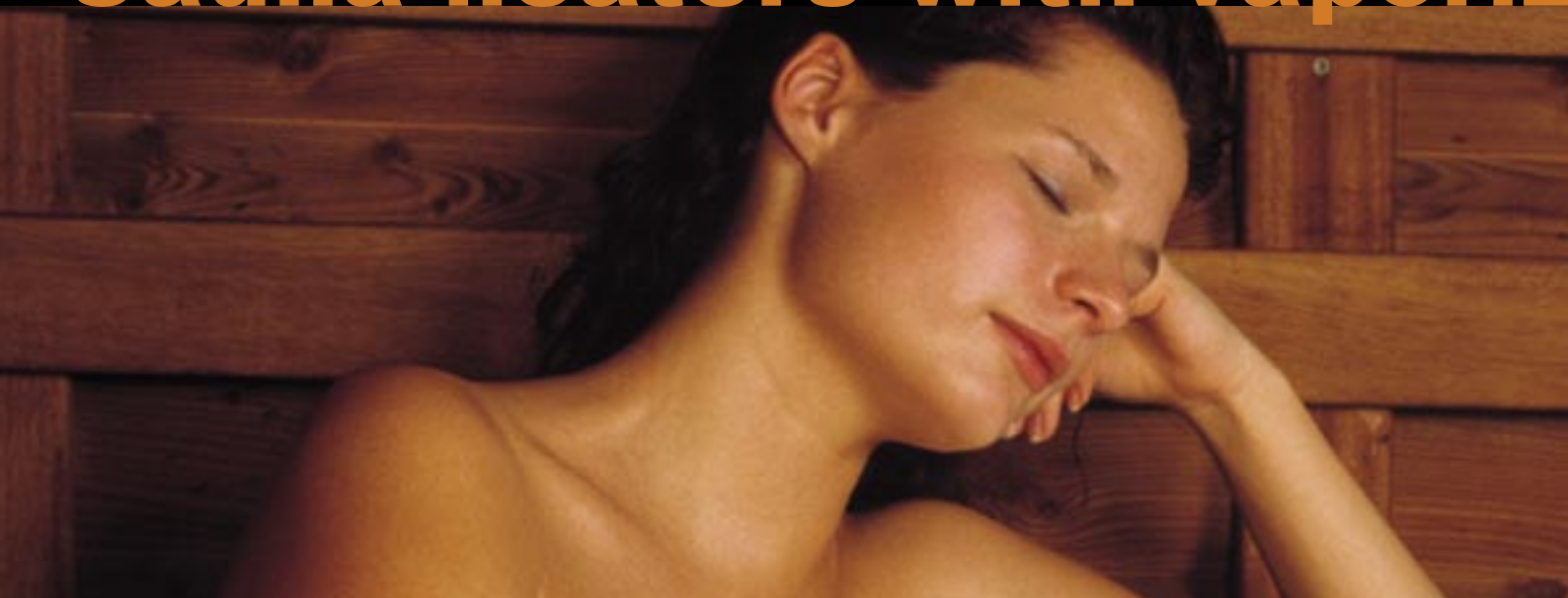
HWD: 900 x 500 x 500 mm

### Bi-O Max with aroma bowl. The specialist for sauna enjoyment.

Themed sauna or infusions – thanks to the innovative accessories such as an aroma bowl for flower blossoms or for citrus fruits, the Bi-O Max is perfect for all those who love variety. Because of its large rock volume the heat is particularly evenly distributed. A very practical detail is the optical water level display.



# Sauna heaters with vaporiz



## Commercial sauna heaters. The right size for demanding guests.

With our well-designed heaters for large volume cabins you will soon have your sauna guests sweating.

The heaters are manufactured in an innovative triple-shell technology. This reduces the thermal radiation at the sides to a minimum. The outer shell, with its floating mounting system, also ensures low-noise heating. The carcasses consist of polished high-grade steel, the rock

holders are made of chrome-nickel steel. The plinths and bases of the square or hexagonal-design models have been equipped with a drip-tray to collect the water. The heater convection rate with up to 36 kW of power is exceptional and provides perfect air exchange.



**HWD:** 850 x 750 x 530 mm

**Bi-O Star Free-standing heater**  
Combi free-standing heater with vaporizer for the commercial sauna. Triple shell design with inner and outer shells made completely from high-grade steel. Large rock basket of high-grade steel. Bottom plate in a drip-tray design. Side-integrated vaporizer pocket of high-grade steel for max. 5 litres of water. Twin-circuit wiring. Electrical low water monitor incl. Dry running protection & low water buzzer. Vaporizer power 2.0 kW. Available in power classes 15.0, 18.0 kW, 21 kW and 30 kW.



**HWD:** 920 x 590 x 670 mm

**Bi-O Z6 Free-standing heater**  
As for sauna heater Type Z6, but with integrated vaporizer pocket in side section. Water level display by means of a glass tube filling level display. Built-in dry running protection with acoustic low water signal. Easy filling via funnel. Twin-circuit wiring. Low-noise vaporizing, exit via tube nozzles with holding bowl for the aromatic substances above. Obtainable in power classes 12.0 / 15.0 / 18.0 / 21.0 and 24.0 kW.



**FWA 01 Permanent water connection**  
Permanent water connection for retrofitting to the heaters with vaporizers or to the cabins for the automatic filling of the vaporizer from the mains water supply. The permanent water connection is fitted at the back and is linked by a flexible steel hose.



## Your advantages

- For the largest volume cabins
- All models can be combined with one another
- Power: up to 36 kW
- Low radiated heat loss
- Low-noise heating
- Low-cost connection methods
- High-grade steel carcasse
- Rock containers made of non-rusting chrome-nickel steel



## Water mill sauna

The new water mill sauna is suitable for both permanent infusion for high humidity sauna bath and „infusion event“ at definite times in Finnish sauna.

A permanent infusion is taking place while the wheel is turning clockwise. When turning counter clockwise no infusion is effected.

Available for capacities of:  
15/18/21 as well as 24/27/30 and 36 kW

Total height:	approx. 1,60 m
Width of sauna heater:	approx. 0,75 m
Diameter of mill-wheel:	approx. 1,25 m

# Sauna control units



## Sauna controllers.

The professional systems for the desirable warmth and climate.

EOS controllers are the perfect supplement to EOS sauna heaters and vaporizer systems.

Sauna temperature and air humidity can always be controlled accurately

and very conveniently. The switching capacity is up to 9 kW (up to 36 kW with additional power switchgear).

Vaporizers of up to 3 kW can be controlled depending on the model.



HWD: 240 x 230 x 70 mm

### EMOTEC® B 6000

Electronic control unit with LCD display, with high-contrast backlighting, time and preselection timer in 24 h real time. Infinitely adjustable electronic regulation between 30 °C and 110 °C. Temperature preselection, fault signalling. Heating time limiter 6 h. Switching capacity 9 kW, in connection with power switchgear up to 36 kW. Connection for cabin fan. Keypads with epoxy wear protection. Safety temperature limiter 139 °C. Light and fan are fuse-protected internally.



HWD: 240 x 230 x 70 mm

### EMOTEC® D 9000

Electronic control unit with Jumbo LCD display, high-contrast backlighting, time and preselection timer in 24 h real time. Infinitely adjustable electronic regulation between 30 °C to 110 °C. Temperature preselection, fault signalling. Heating time limiter 6 h, extendable to 12 h. Switching capacity 9 kW, in connection with power switchgear up to 36 kW. Connection for cabin fan. Keypads with epoxy wear protection. Safety temperature limiter 139 °C. Light and fan are fuse-protected internally.



HWD: 240 x 230 x 70 mm

### EMOTEC® H 9003

Electronic control unit with Jumbo LCD display, with high-contrast backlighting, for saunas and saunas with moist operation. Infinitely adjustable regulation 30°C - 70°C in moist operation and 30°C - 110°C in sauna operation. Preselection of temperature and humidity level, fault signalling. Heating time limited to 6 h, extendable to 12 h. Time and preselection timer in 24 h real time. Switching capacity 9 kW, in connection with power switchgear up to 36 kW. Keypads with epoxy wear protection. Safety temperature limiter 139 °C. Light and fan are fuse-protected internally.



HWD: 240 x 230 x 70 mm

### EMOTEC® HCS 9003

Electronic control unit with Jumbo LCD display, with high-contrast backlighting, for saunas and saunas with moist operation. Infinitely adjustable regulation 30°C - 70°C in moist operation and 30°C - 110°C in sauna operation. Optional humidity regulation by external sensor. Preselection of temperature and humidity level, fault signalling. Heating time limited to 6 h, 12h extendable to unlimited. Time and preselection timer in 24 h real time. Switching capacity 9 kW, in connection with power switchgear up to 36 kW. Vaporizer power up to 3 kW. Safety temperature limiter 139 °C. Light and fan are fuse-protected internally.





## The Multi-Talent.

EMOTEC® H 9003 is the controller for the individual programming of all sauna parameters. With low water detection and automatic cut-out, memory and data retention in the event of power failure, graphic temperature display, adjustable after-heating time and fan afterrun as well as backlit Jumbo LCD display.



HWD: 240 x 230 x 70 mm



HWD: 170 x 175 x 40 mm

### EMOTEC® HIC 75

Electronic control unit with flat control panel and high-contrast backlit Jumbo LCD display incl. separate power pack. Module for coloured light controller can be retrofitted. Control of either infrared or sauna (also moist operation), optionally with coloured light. Switching capacity 3 kW. Safety temperature limiter 139 °C. Light and fan are fuse-protected internally.



HWD: 240 x 230 x 70 mm

### EMOTEC® L 09

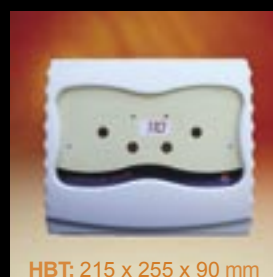
Switching capacity 9 kW, in connection with a control unit the maximum switching capacity is 18 kW. Housing design as for EMOTEC® control units. Light and fan are fuse-protected internally.



HBT: 215 x 255 x 90 mm

### ECON 09 (Successor 4509)

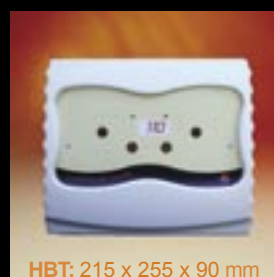
Thermostatic control unit for sauna heaters of up to 9 kW with capillary sensor and capillary limiter. Signal lamps for „Operation“ and „Heating“. Infinitely-adjustable temperature regulation between 40°C and 115°C. 4 h heating time switch. Connection of cabin lighting. Capillary tube length approx. 0.9 m. Sensor holder included in scope of supply. Electronic safety temperature limiter 139 °C.



HBT: 215 x 255 x 90 mm

### ECON A1 (Successor 4515)

Electronic control unit for sauna heaters of up to 9 kW. Infinitely-adjustable electrical temperature regulation between 40°C and 115°C. Heating time limiter 6 h. Digital display for temperature pre selection. Control by membrane keypad. Malfunction notification by LED. Electronic safety temperature limiter 139 °C.



HBT: 215 x 255 x 90 mm

### ECON A1 N Nautic

Electronic control unit for sauna heaters of up to 9 kW. Infinitely-adjustable electrical temperature regulation between 40°C and 115°C. Heating time limiter 30 minutes. Special sauna control unit for use according to the international nautic-law. Digital display for temperature pre selection. Control by membrane keypad. Malfunction notification by LED. Electronic safety temperature limiter 139 °C.

# Sauna control units



The splash-proof EOS controllers are simple to operate. They can be infinitely-variably adjusted and can be fitted with a safety temperature restrictor (thermal cut-out) (up to

139 °C). In the capillary or electronic versions they are equipped with heating time limiters and time preselectors.



HBT: 215 x 255 x 90 mm



HBT: 215 x 255 x 90 mm



HBT: 215 x 255 x 90 mm



HBT: 215 x 255 x 90 mm

## **ECON A2 (Successor 4521 Z12 + 4530 D24)**

Electronic control unit with 24 h real time and preselection timer. Infinitely-adjustable electronic regulation between 40 °C and 115 °C. Heating time limiter 6 h extendable to 12h. Switching capacity 9 kW. Control by membrane keyboard, digital display of real time, entered temperature etc. Malfunction notification by LED. Electronic safety temperature limiter 139 °C.

## **ECON A2P (Successor 4560 D24 P)**

Electronic control unit for sauna heaters of up to 15 kW. Infinitely-adjustable electronic regulation between 40 °C and 125 °C. Control by membrane keyboard, malfunction notification by LED. Electronic safety temperature limiter 139 °C. Digital 24 h real time and preselection timer. Heating time limiter 6 h extendable to 12 h.

## **ECON H1 (Successor 4535 F)**

For saunas and saunas with moist operation. Infinitely-adjustable regulation between 30 °C and 110 °C. Temperature preselection by regulating potentiometer. Humidity preselection, low water detection, after-heating function, fault signalling. Electronic safety temperature limiter 139 °C. Heating time limiter 6 h, extendable to 12 h. Switching capacity 9 kW, in connection with power switchgear up to 36 kW. Vaporizing power up to 3 kW.

## **ECON H2S (Successor 4590 D24)**

For saunas and saunas with moist operation. Infinitely-adjustable regulation between 30 °C and 110°C. 24 h real time and preselection timer. Option for electric humidity sensor. Control by membrane keyboard, digital display of real time, entered temperature etc. Direct keys for sauna and climate control. Integrated post-heating time. Electronic safety temperature limiter 139 °C. Heating time limiter 6 h or 12 h, extendable to unlimited. Switching capacity 9 kW, in connection with power switchgear up to 36 kW. Vaporizing power up to 3 kW.



## Your advantages

- Infinitely adjustable control of temperature and humidity
- Switching capacity up to 9 kW, with additional power switchgear up to 36 kW
- Easy to operate
- With safety temperature limiter
- Splash-proof



**F2 Humidity sensor**  
Humidity sensor incl. sensor housing and 4 m of silicone cable for the accurate regulation of the relative air humidity in connection with the ECON H2S and EMOTEC® HCS 9003 control unit.



**HBT: 215 x 255 x 90 mm**

**ECON L09  
(Successor LSG 09)**  
Switching capacity 9 kW, in connection with a control unit the maximum switching capacity is 18 kW. Housing design as for ECON control units.



**HWD: 250 x 160 x 120 mm**

**LSG 18**  
Switching capacity 9 kW, in connection with a control unit the maximum switching capacity is 27 kW.

**LSG 18V**  
As for the LSG 18, but for vaporizer power up to 6 kW.



**HWD: 300 x 250 x 170 mm**

**LSG 36**  
Switching capacity 36 kW, for twin-circuit heater connection.

**LSG 36V**  
As for the LSG 36, but for vaporizer power up to 6 kW.



# Coloured light units



## Coloured light units. The effect of colours.

The mental influence of colours takes place via the eyes. From there the colour rays are led further into the brain by means of complex processes where they create an effect in the form of particular ideas and energies. This

colour absorption into the nerves leads to stimulation of the body's defence system. Certain body systems are affected and activated according to the type of colour. Physical absorption essentially takes place via the skin

by direct colour radiation. Chemical absorption takes place in the gastrointestinal tract in the form of a mixture of all colours.



### FL 400

For the permanent fixing onto or in the cabin ceiling or wall. Steel panel housing. Safety glass cover. 5 m of silicone connecting cable 6 x 1 mm<sup>2</sup> incl. four coloured fluorescent lamps, colours blue, green, yellow and red. Length silicone connecting cable 3 m. Weight 5 kg. Power 4 x 8 W.



### FL 800

For the permanent fixing onto or in the cabin ceiling or wall. Steel panel housing. Safety glass cover. 5 m of silicone connecting cable 6 x 1 mm<sup>2</sup> incl. four coloured fluorescent lamps, colours blue, green, yellow and red. Length silicone connecting cable 3 m. Weight 8 kg. Power 8 x 15 W.



### FL 2000 K

For the permanent fixing onto or in the cabin ceiling or wall. High-grade steel housing with hinged wood frame. Safety glass cover. 5 m of silicone connecting cable 6 x 1 mm<sup>2</sup> incl. four coloured fluorescent lamps, colours blue, green, yellow and red. Weight 11.4 kg. Power 4 x 18 W.



### FL 2001 K

For the permanent fixing onto or in the cabin ceiling or wall. High-grade steel housing with hinged wood frame. Safety glass cover. 5 m of silicone connecting cable 6 x 1 mm<sup>2</sup> incl. four coloured fluorescent lamps, colours blue, green, yellow and red. Weight 17.8 kg. Power 4 x 36 W.



### EMOTEC® C55

Electronic coloured light control unit with LED display. Permanent single and mixed colour operation. Manual and automatic coloured light selection. Dwell time of single colours in automatic operation adjustable from 1 to 10 minutes. Maximum 10 minutes of automatic operation. Colour sequence in automatic operation: "Red"/"red-yellow"/"yellow"/"yellow-green"/"green"/"green-blue"/"blue"/"blue-red". Keypads with epoxy wear protection.



### ECON F1

(Successor 45 FL) Electronic control unit for coloured light units with four colours. Power max. 450 W. Operating mode selector switch for single or automatic switching. Control by membrane keyboard. Infinitely-adjustable regulation of colour dwell time from 1 to 10 minutes in automatic operation. No dark phases. Colour sequence in automatic operation: "Red"/"red-yellow"/"yellow"/"yellow-green"/"green"/"green-blue"/"blue"/"blue-red".



### 60 FL

Electronic control unit for coloured light units with four colours. Power max. 450 W. Operating mode selector switch for single or automatic switching. Control by membrane keyboard. Infinitely-adjustable regulation of colour dwell time from 1 to 10 minutes in automatic operation. No dark phases. Colour sequence in automatic operation: "Red"/"red-yellow"/"yellow"/"yellow-green"/"green"/"green-blue"/"blue"/"blue-red".

# Infrared



## IR rays. Positive warmth.

IR rays are not visible to the human eye and are registered by the skin as warmth. The rays given out by infrared units move through the room without using air as the medium and are simply absorbed by the objects which

they meet. So the long-waved infrared rays are absorbed in the upper levels of the skin as soon as they touch the skin, whereas the short-waved rays of the Vitae lamp penetrate deeper into the skin layers.



### IRS 3

Infrared lamps for warm cabins. Built-in 300 W special ceramic lamp with burnt-in heating spiral. This special ceramic lamp transmits a particularly favourable spectrum in the range 2-10  $\mu\text{m}$  over a length of 450 mm. Reflector of high-gloss polished aluminium. Housing of galvanized steel plate. Covering grille with protective flock spray. Completely premounted with 3 m silicone connecting cable 3 x 1.5 mm<sup>2</sup>. Choice of installation in a 90° corner unit or in the element.



### IRS 4 RHK

Infrared lamp for infrared warm cabins. Built-in 400 W special lamp in the form of a tubular heating unit. This special lamp transmits a spectrum in the range 2-10  $\mu\text{m}$  over a length of 450 mm. Reflector of high-gloss polished aluminium. Housing of galvanized steel plate. Covering grille with protective flock spray. Completely premounted with 3 m silicone connecting cable 3 x 1.5 mm<sup>2</sup>. Choice of installation in a 90° corner unit or in the element.



### Vitae 350/500/750

Infrared lamp for infrared warm cabins. Built-in 350 W / 500 W or 750 W Philips Vitae lamp. Infrared spectrum similar to the sun: 1.4 - 10  $\mu\text{m}$  reflector made of high-gloss polished aluminium. Housing of galvanized steel plate. Covering grille with protective flock spray. Completely premounted with 3 m silicone connecting cable 3 x 1.5 mm<sup>2</sup>. Choice of installation in a 90° corner unit or in the element.



### IR Mat

IR-Mat for Sauna or IR-cabin. Free of heavy metal. Safety temperature limiter (120 °C). Re-heating at 110 °C. Temperature resistant until 140 °C. Available with 650 / 550 / 450 / 350 W.



### 60 IR

Electronic regulated control unit for installation in the IR warm cabin. By building the unit into the elements the control unit only projects outward by approx. 30 mm. Regulating range from 30°C - 70°C. Safety temperature limiter. Heating time setting 4 h. Completely premounted with connecting cable and earthing pin plug, 3-pole silicone cable for cabin lighting as well as connecting cable for the IR heating lamp.



### 48 IR

Thermostatically-regulated control unit for installation in the IR warm cabin. By building the unit into the elements the control unit only projects outward by approx. 30 mm. Regulating range from 30°C - 110°C via capillary tube thermostat. Safety temperature limiter. Heating time setting via 2-pole 30 minute timer. Completely premounted with connecting cable and earthing pin plug, 3-pole silicone cable for cabin lighting as well as connecting cable for the IR heating lamp..

# Sauna accessories



Multicup 6pcs



## Multicup

With the multicup there exists the opportunity to bring even more nature and wellbeing into the cabin. To be used for example with Himalayan salt crystals, brine, dissolved herbs etc.

Diameter 16 cm, filling quantity approx. 0.6 litre.

Delivery includes approx. 1 kg of original Himalayan salt crystals.



## Original Himalayan salt crystals

Himalayan salt for health, beauty, vitality and zest for life. It comes from the drying up of ancient seas in the permafrost period. Himalayan salt is free from pollution from environmental influences. For use as crystals for ion emissions or for the generation of brine.

Unit = approx. 1 kg.



## Infusion bowl

In wood. 5 litre content, bound with two metal rings.



## Ladle

In wood. Length approx. 40 cm.



## Sand timer

Sauna sand timer in wood. Running time approx. 15 minutes.





## Accessories. The extras for a perfect ambience.

Precision-made wood accessories and ergonomically-shaped measuring units – even in the case of the supposedly minor items you can

always recommend EOS quality products. So that a sauna bath is really an all-round relaxing experience you will find that EOS has the right

temperature and climate measuring devices as well as the technical accessories.



**Bowl insert**  
Humidity protection for infusion bowl (plastic).



**Woodchip lampshade**  
Woodchip lampshade: Dazzle-free incl. sprayed water protection. Oval lamp unit in die-cast aluminium with glass shade (without lamp).



**Thermometer, 100 mm dia**  
Sauna thermometer 100 mm dia. Measuring range 0 - 120 °C.



**Hygrometer, 100 mm dia**  
Sauna hygrometer 100 mm dia. Measuring range 0 - 100 % relative humidity.

# Sauna accessories



**Climate measuring unit, 100 mm dia.**  
Sauna climate measuring unit 100 mm dia. Combined thermometer and hygrometer. Measuring range for sauna recessed in colour.



**Climate measuring unit, 160 mm dia.**  
Sauna climate measuring unit 160 mm dia. Combined thermometer and hygrometer. Measuring range for sauna recessed in colour.



**Sauna Set N I (6-parts)**  
Consisting of infusion bowl, bowl insert, ladle, sand timer, 100 mm dia. climate measuring unit and sauna rules panel. Packed in carrying case.



**Sauna Set N II (5-parts)**  
Consisting of infusion bowl, bowl insert, ladle, sand timer, 100 mm dia. climate measuring unit. Packed in carrying case.

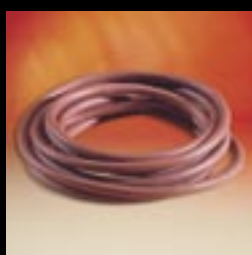
# Necessary heating power and connected loads

Heating power in kW	Cabin size in m³ (based on manufacturing acc. to RAL for cabins in buildings)													Minimum cross-section of mains conductor in mm²		
	3-5	4-6	6-8	7-10	9-14	14-18	18-25	24-30	24-34	35-40	40-50	50-65	65-75	Connected to 400 V 3N AC	Connected to 230 V AC	Fusing in A
3,0	■														3 x 1,5²	1 x 16
4,5		■												5 x 2,5²		3 x 16
6,0			■													
7,5				■												
9,0					■											
12,0						■								5 x 4²		3 x 25
15,0							■									
18,0								■						5 x 6²		3 x 35
21,0									■							
24,0										■				5 x 10²		3 x 50
27,0											■					
30,0												■		Min. 5 x 10²		3 x 63
36,0												■				



## Roller closure

Sauna door roller closure made from die cast aluminium. Colour: Brown, white or chrome-plated.



## Silicone connecting cable

Cross section in mm².  
 3 x 1,5² 2 m and 5 m  
 5 x 1,5² 2 m and 5 m  
 5 x 2,5² 2 m and 5 m  
 5 x 4² 5 m  
 5 x 6² 5 m



## Sensor cable

Silicone sensor cable, 2 x 0,5 mm².

Silicone sensor cable, 3 x 0,5 mm² for humidity sensor F2.



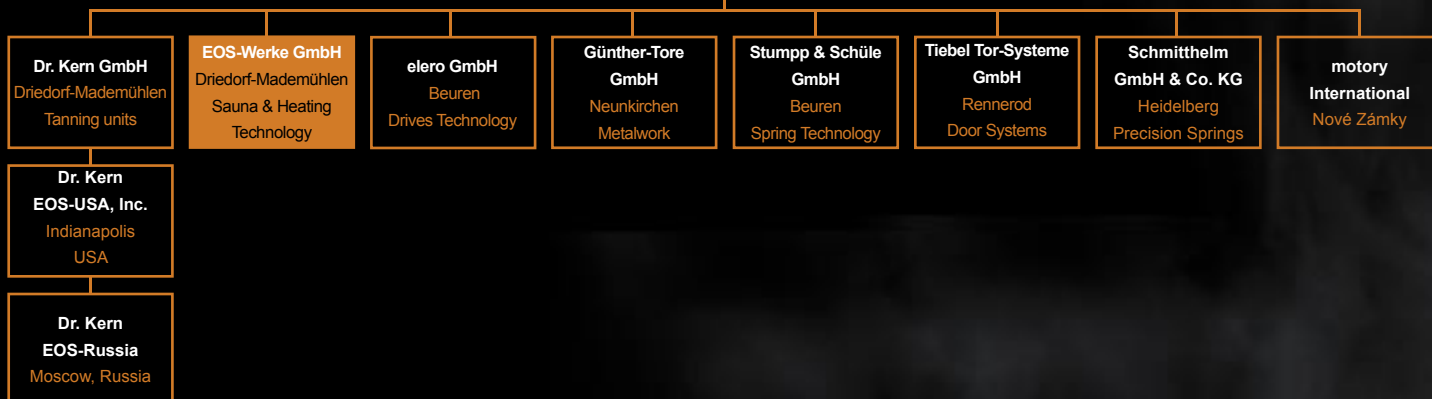
## Sauna rocks

Special Olivien-Diabas (dark green rock) natural sauna rocks, approx. 15 kg units. Packed in fabric bags.





## Günther-Group



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