EOS EmoTec H

Premium-class sauna control unit for dry and humid sauna operation.

- Easy and intuitive operation
- Menu navigation in 18 languages
- Slim control panel, TFT-display
- Simple, quick installation
- Premium level functions
- Made in Germany

Advanced sauna control system with compact control panel with colour display and a separate relay box. Innovative navigation concept allows easy and intiuive operation. For commercial and residential operation.
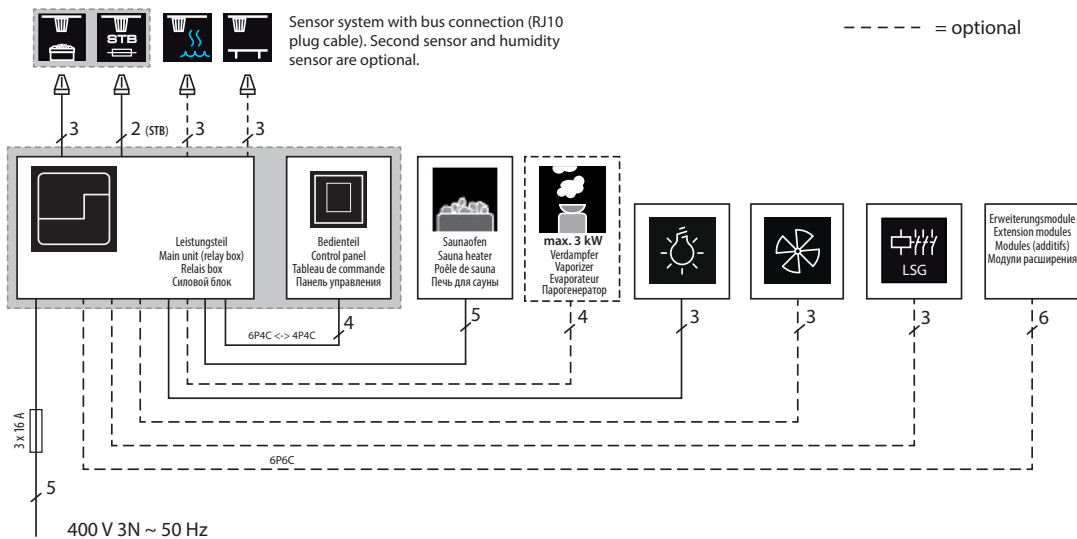
Features and benefits:

- Compact-size control panel with a large colour TFT display. Flush-mounted or surface-mounted installation.
- Separate relay box with electronic low-noise relays, installation-friendly design (wall-mounting).
- Menu navigation in 18 languages (DE, EN, FR, RU, ES, NL, IT, PL, SLO, FIN, TR, CZ, RO, BG, HU, HR, SK, DK).
- Practical jog-dial switch allows to quickly select any function and instantly make all necessary settings.
- Dry and humid sauna operation (for Bi-O type heaters)
  Dry sauna mode: 30 - 110°C control range
  Humid sauna mode: 30 - 70°C control range
- Humidity control with or without humidity sensor possible.
- Separate service level with pin-code protection.
- Child lock and „hotel mode" function (restricted access).
- Week timer with up to 4 programs per day.
- Extended setup menu, clear text messaging (functions, errors).
- Software can be updated on site with a micro-SD card.
- Additional functions via extension modules (e.g. remote control, colour light control, music control, BMS connection, etc.).
- Premium level functions - dimmable light, fan control, power save, power boost, special fine tuning etc.
- Potential-free contact (output).
- Innovative digital type temperature sensor, 5 m cable included.
- The distance between the control panel and the main relay box may be extended to at least 100 m. 5 m connection cable included.
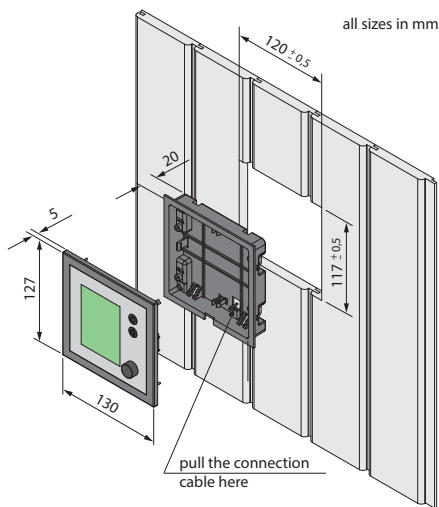
Relay box
two-part front cover facilitates servicing. Cable connections from the rear and from the bottom possible.

Control panel
Flush-mounted and surface-mounted installation.
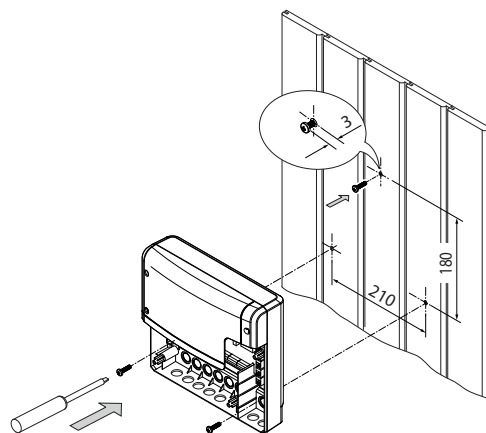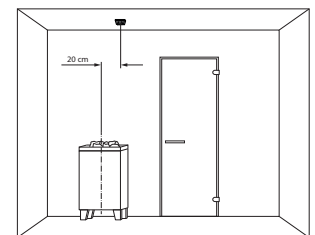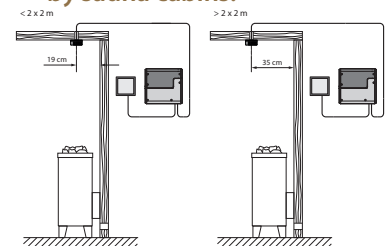Available in anthracite or in white design.

Connection overview

Sensor system with bus connection (RJ10 plug cable). Second sensor and humidity sensor are optional.

- - - - = optional

3 | 2 (STB) | 3 | 3

Leistungsteil
Main unit (relay box)
Relais box
Силовой блок

Bedienteil
Control panel
Tableau de commande
Панель управления

Saunaofen
Sauna heater
Poêle de sauna
Печь для сауны

max. 3 kW
Verdampfer
Vaporizer
Evaporateur
Парогенератор

LSG

Erweiterungsmodule
Extension modules
Modules (additifs)
Модули расширения

6P4C <-> 4P4C | 4 | 5 | 4 | 3 | 3 | 3 | 6

3 x 16 A

6P6C

5

400 V 3N ~ 50 Hz

Control panel installation

all sizes in mm

120 ±0,5

117 ±0,5

20

5

127

130

pull the connection cable here

Relay box installation

3

210

180

Sensor installation

20 cm

by sauna cabins:

< 2 x 2 m
19 cm

> 2 x 2 m
35 cm

Installation on the sauna cabin front wall:

ca. 340 mm

at eye level

ca. 340 mm
120 mm
117 mm

at eye level

Accessories

Description	Item no.
Temperature sensor, complete	94 5743
Overheating limiter fuse (STB) with board	94 5732
2nd temperature sensor (bench sensor)	94 5725
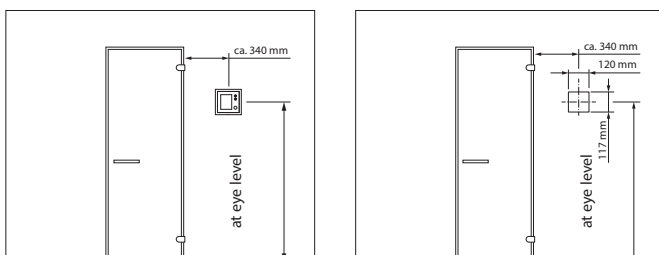
Specifications

Electrical connection	Power output	Temperature control range	Humidity control	Heating time limitation	Time pre-selection	Cabin light output	Fan output	Sensor system	Control panel (HWD)	Relay box (HWD)
400 V 3N ~ 50 Hz	10,0 kW resistive load (extension possible), 3 kW for vaporizer in humid sauna mode.	30° - 115°C	Proportional to time (0 - 100%) or with humidity sensor (rel. %)	6 h / 12 h / unlimited	24 h real time or week timer	230 V / min 5 W, max 100 W, dimmable. Resistive, capacitive, inductive load	230 V / max. 100 W, adjustable speed	Digital, inc. 5 m cable. 2nd sensor optional Hum. sens. optional	127 x 130 x 25 mm flush-mounting	270 x 300 x 100 mm wall-mounting