

EOS Compact H18

Sauna control unit for dry Finnish sauna operation with 18 kW capacity

Electronic control unit for dry and humid sauna operation.

Compact H18 stands out through 18 kW switching capacity and combines advanced features with great simplicity in use. Great for commercial use.

Your advantages:

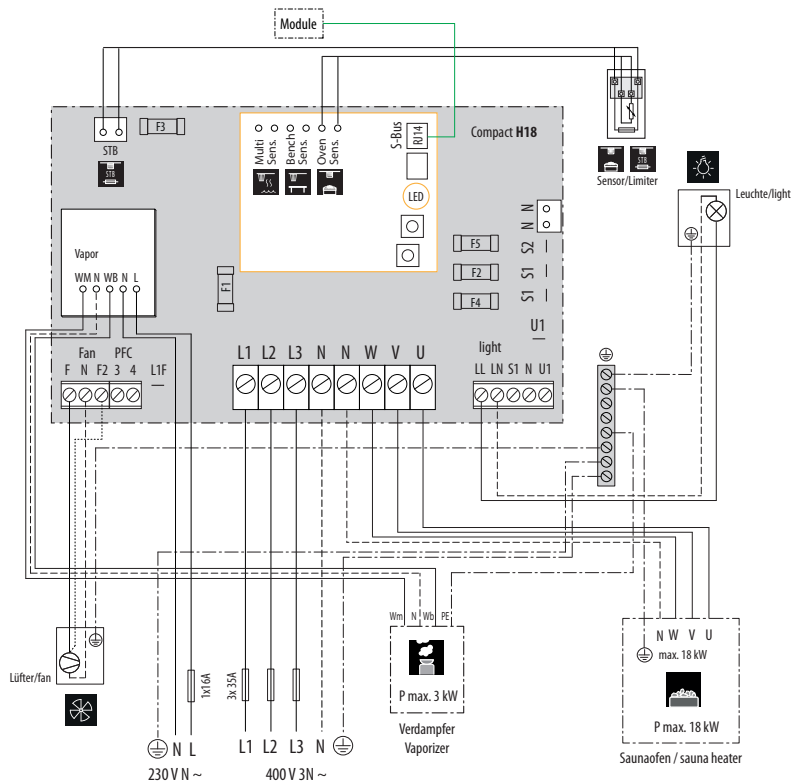
- Easy to use thanks to the 3,5" TFT colour display, intuitive UI and direct access to all essential functions.
- Modern design housing in two finishes.
- 18 kW capacity in one unit - ideal for heaters up to 18 kW.
- Flexible installation - recessed or on-surface mounting.
- 4 user profiles with pre-programmed settings.
- Potential-free output (PFC) with various switching options.
- Numerous additional functions via extensions, e.g. remote control, energy saving and others.
- Made in Germany quality by EOS.

Specifications and features:

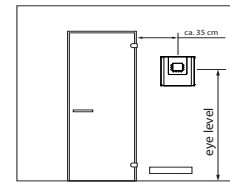
Housing:	Plastic, white or anthracite design
Temperature control:	30 - 115 °C
Heating time limitation:	6 h, 12 h, 18 h or unlimited
Time pre-selection:	yes, up to 24 h
Dimensions (HxWxD):	220 x 255 x 90 mm
Switching capacity:	18 kW, extendable (3 kW vaporizer)
Light output:	230V N ~, dimmable or 24DC for Meanwell PWM drivers
Fan output:	230V N ~, adjustable
Power supply:	400 V 3N ~ 50/60 Hz
Installation:	Wall-mounting or semi-recessed
Other functions:	EOSafe support, access restriction, remote start, BMS integration (KNX/Modbus), Eco / Hot function, dry contact, error messages and others.



Connection overview

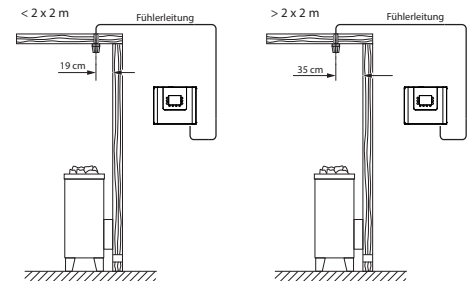


Place of installation



Sensor installation

For saunas:



Make sure to also check the installation manual of the sauna heater. It may contain deviating instructions for sensor position.

Options and extensions

Description	Item no.
Remote start module with push-button SBM-Remote	94 5782
Remote control module for KNX systems SBM-GLT-KNX	94 7078
Remote control module for Modbus systems SBM-GLT-Mod	94 7077
SBM-Hot module for HOT Function (power boost)	94 6800
SBM-Eco module for ECO Function (power save)	94 6980
Extra-long "sauna bus" RJ12 connection cable 25 m	94 4647

Spare parts and accessories

Description	Item no.
Additional high limiter beige	94 7443
Additional high limiter anthracite	94 7444
Temperature sensor beige	94 7438
Temperature sensor anthracite	94 7437
Bench sensor beige	94 7439
Bench sensor anthracite	94 7440

Technical specifications

Item no.	Colour	Electrical connection	Switching capacity	Power extension	Temper. control range	Output for light and fan	Heating time limitation	Dimensions H/W/D in cm	Ambient temperature in operation	Weight without packing
94 7448	anthracite	400 V 3N ~ 50/60 Hz	18 kW, extendable	possible via PEB units	Finnish mode 30° - 115 °C Humid mode 30° - 70°C	yes / yes	6 h, 12 h, 18 h, ∞	22 / 25,5 / 9	-10 to +40 °C	2,5 kg
94 7446	white									