



Technical data sheet

# ECON H1

**Sauna control unit for dry & humid sauna.  
For domestic sauna cabins.**

Electronic sauna control unit with LCD display with multi-language menu navigation. For dry and humid sauna heaters.

## Your advantages:

- For dry and humid sauna operation.
- Easy to use thanks to LCD display with 12 language menu navigation.
- Slim design - only 58 mm thick. Semi-recessed and on-surface installation possible.
- VDE approved quality and norm compliance.
- Made in Germany quality from EOS.

## Specifications and features:

Housing:	plastic, creme-white
Display:	LCD display 40 x 22 mm, multiline, alphanumeric, with backlighting
Menu navigation:	12 languages (DE, EN, FR, ES, IT, NL, RU, PL, FI, SE, SLO, CZ)
Temperature control:	digital two-point, 30 - 115°C range
Humidity control:	proportional to time, 10 step
Heating time:	up to 6 hours
Temperature limitation:	142 °C safety overheating limitation
Switching capacity:	up to 9 kW
Power supply:	400 V 3N AC 50 Hz
Installation:	wall-mounting or semi-recessed
Functions:	Temperature preselection, Output for cabin lighting (max. 100 W), Output for ventilation fan (max. 100 W), Child lock (keypad lock), Error messages in clear text, Life-Guard, Data retention by power loss (24 h).

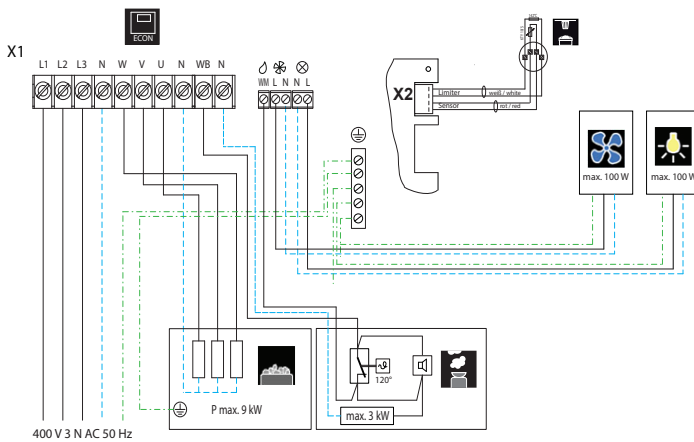
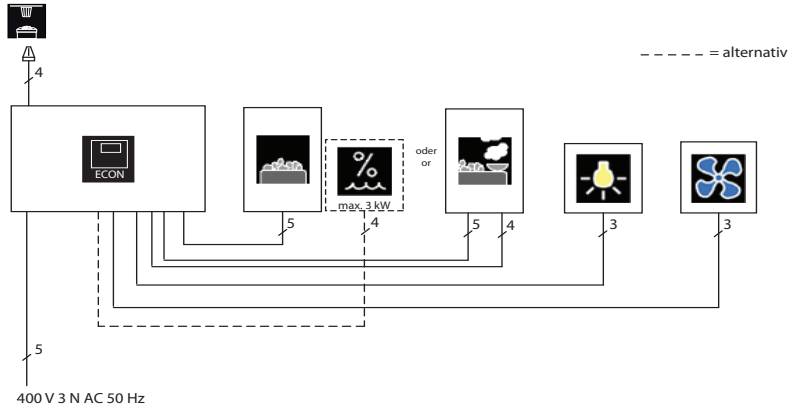


IPx4

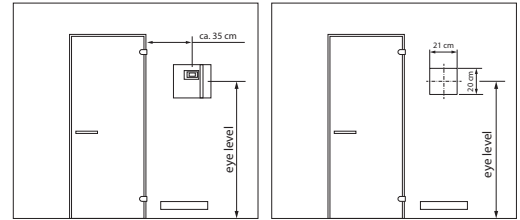
MADE IN GERMANY



### Connection overview

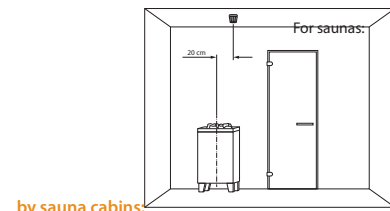


### Installation

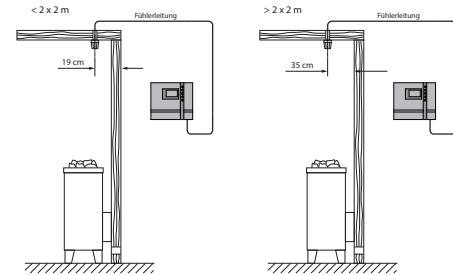


Wall cut-out (aperture) by semi-recessed mounting

### Sensor installation



by sauna cabins



### Spare parts and accessories

Description	Item no.
Temperature sensor, 2 m cable	607570
Main board H1 (2-part)	20015621
Button strip	20014892
Housing (upper side)	20014891
Housing (bottom side)	20014890
Display cover 1 (front)	20014913
Cover 2 (buttons)	20014915
Switch-Off rocker switch	20013652

### Specifications

Item no.	Electrical connection	Switching capacity	Power extension via LSG unit	Temperature control range	Heating time limitation	Humidity control	Light and fan control	Dimensions H/W/D, cm	Ambient temperature in operation	Weight without packing
94.6137	400 V 3N AC 50Hz	9,0 kW resistive load	no	30 - 115 °C	6 h	proportional to time, 10 steps	Light, max 100 W Fan, max. 100 W	22 / 25 / 5,8	-10 to +40 °C	1,0 kg