

# SAUNA CONTROL PROFESSIONAL B AND C

sentiotec sauna

## Sauna control Professional:

- Professional B2 Item-no.: PRO-B2
- Professional B3 Item-no.: PRO-B3
- Professional C2 Item-no.: PRO-C2
- Professional C3 Item-no.: PRO-C3



## Technology Professional B2 and C2:

- One-piece sauna control
- High-quality long life components
- Phase alignment for extension of the relay lifespan
- Flat housing - 4 cm
- Single sensor or dual sensor system
- Digital temperature pre-setting: 30 °C to 110 °C
- Temperature display (at one sensor system the set temperature or the heater temperature are displayed)
- Preset time function (bis 24 Stunden)
- Heating time restriction: 6 h / 12 h / 18 h / 24 h
- Power extension possible
- Remote start via potential-free contact
- Terminal for safety shut-off
- RS485 interface for the connection to bus system

## Professional B3 and C3 (addit. to B2 and C2):

- Operation with genuine humidity (with humidity temperature sensor – FTS2) or clocked (with bench sensor – F2)
- Post-drying programme
- Digital humidity pre-setting: 0 % to 100 %
- Humidity display (only with humidity sensor)

## Dimensions Professional:

- 307 x 175 x 57 mm

## Accessories Professional:

- Power booster (Item-no. O-S2-18 / O-S2-18S / O-S2-30)
- Safety shut-off (Item-no. HT-SWL)
- Connectivity-set (Item-no Pro-CS) for the connection to an existing bus system
- Cover
  - white (Item-no. PRO-BC-COV1)
  - gold (Item-no. PRO-BC-COV2)
  - black (Item-no. PRO-BC-COV3)
  - silver (Item-no. PRO-BC-COV4)
- Wooden sensor ring for F1/F2/FTS2 sensor
  - dark (Art-Nr. O-F-DD)
  - light (Art-Nr. O-F-DH)

## Addit. Accessories Professional C2 and C3:

- Foil sensor (Item-no. P-ISX-FF) must be used when infrared heating plates are connected to the additional output

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	Pro B2	Pro B3	Pro C2	Pro C3
<b>Switched voltage</b>	400 V AV / 3N	400 V AV / 3N	400 V AV / 3N	400 V AV / 3N
<b>Contact rating heater</b>	3 x 3,5 kW	3 x 3,5 kW	3 x 3,5 kW	3 x 3,5 kW
<b>Contact rating evaporator</b>	-	3,5 kW	-	3,5 kW
<b>Contact rating Additional output* (for infrared-radiators and infrared heating plates)</b>	-	-	3,5 kW switchable 500 W dimmable	3,5 kW switchable 500 W dimmable
<b>Light</b>	switchable	switchable	switchable / dimmable (also suitable for LEDs)	switchable / dimmable (also suitable for LEDs)
<b>Fan</b>	-	only for post-drying programme	switchable / dimmable	switchable / dimmable
<b>Heating time restriction</b>	6h / 12h / 18h / 24h	6h / 12h / 18h / 24h	6h / 12h / 18h / 24h	6h / 12h / 18h / 24h
<b>Remote start</b>	possible	possible	possible	possible
<b>Status output</b>	-	-	24 V / 200 mA	24 V / 200 mA
<b>User programm</b>	-	-	5 user programmes (preset / modified)	5 user programmes (preset / modified)
<b>Eco function (sauna breaks)</b>	-	-	20 / 40 / 60 min	20 / 40 / 60 min
<b>Scope of delivery</b>	heater sensor - F1	heater sensor - F1	heater sensor - F1 / bench sensor - F2	heater sensor - F1
<b>Optional sensors</b>	bench sensor (Item-no. 0-F2)	bench sensor (Item- no. 0-F2) / humidity temperature sensor (Item-no. 0- FTS2)	-	bench sensor (Item- no. 0-F2) / humidity temperature sensor (Item-no. 0- FTS2)

\*The additional output has no excess temperature fuse. For this reason only intrinsically safe devices should be operated on the additional output.

If infrared heaters are connected to the additional output, these must have an excess temperature fuse. We recommend using the following infrared heaters:

- DIR-350-R, WIR-350-R, DIR-500-R, WIR-500-R, DIR-750-R, WIR-750-R, DIR-1300-R, WIR-1300-R
- ECO-350-R, ECO-350-G, ECO-500-R, ECO-500-G, ECO-750-R

If one of the following infrared heat plates is connected to the additional output, the foil sensor P-ISX-FF must be used:

- R-WP-100, IR-WP-175, IR-WP-390, IR-WP-510
- IR-WPHL-100, IR-WPHL-175, IR-WPHL-390, IR-WPHL-510

## Connection cables Professional:

- Power supply cable: min. 5 x 2,5 mm<sup>2</sup>
- Heater supply cable (temperature-resistant up to 150 °C): min. 2,5 mm<sup>2</sup>
- Sensor wires (temperature-resistant up to 150 °C): min. 0,75 mm<sup>2</sup>
- Light wire: min. 1,5 mm<sup>2</sup>
- Fan wire: min. 1,5 mm<sup>2</sup>