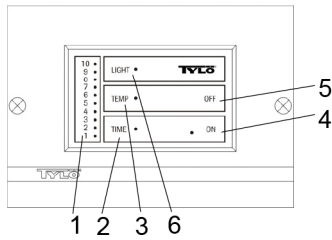


INSTRUCTIONS FOR USE CC 10



Functions.

1 = setting scale. 2 = time settings. 3 = temperature settings. 4 = on. 5 = off. 6 = lighting.

Illumination.

The illumination automatically switches on when the unit starts and switches off automatically when the unit shuts down. You can also switch the illumination on or off manually by pressing LIGHT.

Temperature setting.

(The heater must be switched on)

Press TEMP – the previous temperature setting is displayed.

The numbers indicate a rising temperature scale. Experiment to find the temperature that suits you best. Begin for example by turning the thermostat dial to position 4. If you later find that you would prefer a higher or lower temperature, adjust the dial up or down until you find the ideal bathing temperature for you (usually 70-90°C (158-194°F) for traditional dry and wet sauna baths, 40-45°C (104-113°F) for steam saunas and herb saunas)

Manual on/off.

Press ON to switch the facility on. **Press OFF** to switch it off. (the LED goes out).

A memory function automatically sets the previous temperature.

Press TEMP – to change the pre-set temperature.

The built-in timer automatically switches the sauna heater/steam generator off after 3 hours. If you want to switch it off earlier than that, press OFF. To extend the sauna time, press ON.

Timer settings.

(The heater must be switched off)

The numbers in this case represent the timer times (= the number of hours until the heater automatically switches on). To set the timer:

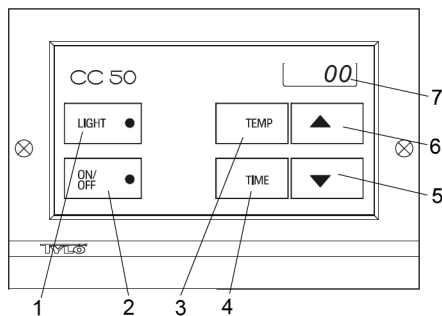
Press TIME – use the arrow keys to select the desired pre-set time, 1–10 hours.

Press ON – the timer is activated and the time indicator blinks during the pre-set time period. Once the heater switches itself on, it remains on for 3 hours, after which it automatically switches itself off. If you want to switch it off earlier than that, just press OFF. To extend your sauna time, press ON.

Main power switch.

To be changed more than once: At the bottom of the relay box, the SE unit and the smaller types of steam generators is a main power switch that disconnects the heater entirely from the electrical supply. This main switch should only be used if the sauna will not be used for a longer period, such as several weeks. To be changed more than once: The memory function must be reset each time the power is interrupted.

INSTRUCTIONS FOR USE CC 50



Functions.

1 = lighting. 2 = on/off. 3 = temperature setting. 4 = time setting. 5 = reduce temperature/time. 6 = increase temperature/time. 7 = display.

Lighting.

Lights automatically when the facility starts and switches off automatically when the facility shuts down. You can also switch the lighting on or off manually by pressing LIGHT.Main power switch.

To be changed more than once: At the bottom of the relay box, the SE unit and the smaller types of steam generators is a main power switch that disconnects the heater entirely from the electrical supply. This main switch should only be used if the sauna will not be used for a longer period, such as several weeks. To be changed more than once: The memory function must be reset each time the power is interrupted.

The thermometer in the sauna/steam bath should be placed at such a height that the temperature corresponds exactly to the numbers in the panel of the CC 50.

SETTINGS

CC 50, all models

Setting the bathing temperature.

Press TEMP – the previous temperature is displayed. Use the up and down arrows (↑ ↓) to change the temperature.

Manual on/off.

Press ON to switch the facility on. **Press OFF** to switch it off. (the LED goes out). If you forget to switch off the generator manually, it switches off automatically after 3 or 12 hours - depending on the type of control panel.

Timer settings.

(The sauna must be switched off)

Press TIME (the hour digits blink) – set the number of hours until you want to use the sauna using the up and down arrows (↑ ↓).

Press TIME (the minute digits blink) – set the number of minutes until you want to use the sauna using the up and down arrows (↑ ↓).

(Important: The hour or minute digits must be blinking before you press ON).

Press ON – the on time is activated and a red LED blinks until the sauna automatically starts after the pre-set time. The heater switches off automatically after 3 or 12 hours – depending on the type of control panel.

You can switch off the sauna manually at any time by pressing OFF.

Changing the type of panel (Factory settings = Test no. 50),

1. Connect the voltage.
2. Press ↑ and ↓ at the same time for approx. 6 sek (max. 60 sek. after the voltage is connected).
3. Change the type of panel according to the scheme with ↑ and ↓, approve with TEMP.

Panel type	Test no. *	Test no. **	Description
CC50-3B	50	50.A	Sauna 110°C, 3 h running time
CC50-12B	51	51.A	Sauna 110°C, 12 h running time
CC50-3S	53	53.A	Steam 55°C, 3 h running time
CC50-12S	54	54.A	Steam 55°C, 12 h running time
CC50-1S	15	15.A	Steam 55°C, 1 h running time
CC50-1B	18	18.A	Sauna 110°C, 1 h running time
CC50-24B	58	58.A	Sauna 110°C, 24 h running time
CC50-0B	59	59.A	Sauna 110°C, ON/OFF
CC50-24S	68	68.A	Steam 55°C, 24 h running time
CC50-0S	69	69.A	Steam 55°C, ON/OFF

* Settings at ev. use of extern switch with impulse function.

** Settings at ev. use of extern switch with ON/OFF function.

Code lock to prevent settings from being changed.

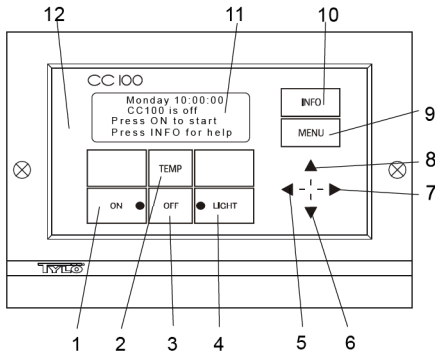
First program as "Settings", press on the down arrow (↓), hold it down and press TEMP and TIME at the same time. The code lock, which prevents changing of settings, is now activated. To return to unlocked mode, press the down arrow (↓), hold it down and press OFF at the same time.

Code lock that prevents changing of the temperature setting.

First program as "Settings", press TIME, hold it down and press TEMP and LIGHT at the same time. The code lock, which prevents changing of the **temperature settings**, is now activated. To return to unlocked mode, press the down arrow (↓), hold it down and press OFF at the same time.

INSTRUCTIONS FOR USE

CC 100



Functions.

1 = on, 2 = temperature settings, 3 = off, 4 = lighting, 5 = move left, 6 = reduce temperature/time and move down, 7 = move right, 8 = increase temperature/time and move up, 9 = settings menu, 10 = information menu, 11 = display. 12 = built-in, factory-set processor, can be customised as desired.

A simplified version of these instructions are found under INFO in CC 100. CC 100 has a built-in power reserve and you can choose between 7 different languages.

After each power failure, the model designation of the control panel is displayed for five seconds.

Lighting.

Lights automatically when the facility starts and switches off automatically when the facility shuts down. You can also switch the lighting on or off manually by pressing LIGHT.

Password.

Prevents unauthorised changing of the settings.

Main power switch.

There is a main power switch on the bottom of the relay box, SE heater and the smaller steam generators. You need only use this switch if the facility is to be switched off for a long time.

The thermometer should be placed at such a height that the temperature corresponds exactly to the numbers displayed on the CC 100.

Stand-by.

Stand-by is invaluable for saunas or steambaths in hotels, bath houses and so on, where the frequency of use varies. During low-frequency periods, the facility is set on energy-saving "stand-by", which can quickly accelerate to the desired bathing temperature when you press ON. The stand-by function saves significant amounts of money each year.

The examples below show how easy it is to programme a suitable bath schedule.

Stand-by examples:

Three different bath facilities are open between 8 a.m. and 8 p.m. The bathing frequencies of the facilities vary like this:

Alt. 1) A small number of bathers come sporadically throughout the day. Programme stand-by between 8⁰⁰ and 8⁰⁰ pm. The bathers (or bath attendant) activate the programme by pressing the ON button on the CC panel, or by pressing on the separate, external ON/OFF switch, if there is one.

Alt. 2) A small number of bathers come sporadically between 8⁰⁰ and 2 pm. After 2 pm, there is a steady flow of guests until closing. Programme stand-by between 8⁰⁰ and 8 pm and programme a fixed "ON" time between 2 pm and 8 pm. The sporadic bathers activate the programme by pressing the ON button on the CC panel, or by pressing on the separate, external ON/OFF switch, if there is one.

Alt. 3) A large number of bathers between 8⁰⁰ and 10⁰⁰, 1 pm and 2 pm and 6 pm and 8 pm. The rest of the day, only sporadic bathers come. Programme stand-by between 8⁰⁰ and 8 pm, programme fixed "ON" times for the steady bath times. The sporadic bathers activate the programme by pressing the ON button on the CC panel, or by pressing on the separate, external ON/OFF switch, if there is one.

SETTINGS

CC 100 all models

Note: for all settings, the Tylarium should be switched OFF.

Language.

Press MENU – Use the left and right arrow keys (← →) to move to choice of language. Start programming mode by pressing the down arrow (↓). Use the left and right arrow keys (← →) to select the language. Press the up arrow (↑) to exit and press MENU to change language.

Time (clock).

Press MENU – Use the left and right arrow keys (← →) to move to clock settings. Start programming mode by pressing the down arrow (↓).

Use the up and down arrow keys (↑ ↓) to set the day. Move to the hour setting by pressing the right arrow (→). Set the hour using the up and down arrows (↑ ↓), and shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓).

Press MENU to exit. (↑ ↓).

SETTINGS

Note: CC 100-3B/3S/12B/12S only

Note: for all settings, the Tylarium should be switched OFF. To be changed more than once: However, temperature and humidity settings can be changed when the Tylarium is ON.

MANUAL ON/OFF.

Note: CC 100-3B/3S/12B/12S only

Setting the bathing temperature.

Press TEMP – the previous temperature is displayed. Use the up and down arrows (↑ ↓) to change the temperature.

Manual on/off.

Press ON to switch the facility on. **Press OFF** to switch it off. If you forget to switch it off manually, the generator automatically switches off after 3 or 12 hours – depending on the type of control panel.

AUTOMATIC ON/OFF.

Note: CC 100-3B/3S/12B/12S only

Setting on/off and temperature.

Press MENU – Use the left and right arrow keys (← →) to move to timer settings. Use the down arrow (↓) to start programming mode.

Use the up and down arrows (↑ ↓) to set the start to set the start hour, then shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓).

Use the right arrow (→) to move to the end hour setting and then the up and down arrows (↑ ↓) to set the end hour. Shift to minutes with the right arrow (→) to set the end time. Change the minutes using the up and down arrows (↑ ↓).

Use the right arrow (→) to shift to temperature. Change the temperature using the up and down arrows (↑ ↓). Shift to on/off with the right arrow (→).

Change the on/off mode using the up and down arrows (↑ ↓).

Now the setting is programmed and a red LED blinks until the sauna or steam bath starts at the time set. After this, it glows steadily (a text on the display tells when this happens). The sauna switches off automatically 3 or 12 hours after the pre-set time – depending on the type of control panel.

To be changed more than once: You can switch off your sauna or steam bath manually at any time by pressing OFF. To restart with the same settings, press MENU – Use the right and left arrows (← →) to go to timer settings.

Start programming mode by pressing the down arrow (↓), shift to on/off with the right arrow (→). Change the on/off mode using the up and down arrows (↑ ↓).

STAND-BY programming.

Note: CC 100-3B/3S/12B/12S only

Press MENU – Use the right and left arrows (← →) to go to stand-by setting. Start programming mode by pressing the down arrow (↓).

Use the up and down arrows (↑ ↓) to set the start hour, then shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓).

To be changed more than once: Use the right arrow (→) to move to end hour setting and then the up and down arrows (↑ ↓) to set the end hour. Shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓). Use the right arrow (→) to shift to temperature. Change the temperature using the up and down arrows (↑ ↓). Shift to on/off with the right arrow (→). Change the on/off mode using the up and down arrows (↑ ↓).

Now the stand-by is programmed and a red LED blinks until the sauna or steam bath starts at the time set. After this, it glows steadily (a text on the display shows that the panel is in a stand-by position and when it will switch on).

As soon as you press ON, the temperature increases to the pre-set bathing temperature. After 1 hour, the facility automatically resumes stand-by temperature. Each time you press ON, 1 hour's bathing time begins.

Note: if both the timer time and stand-by time are set to be on at the same time, the timer function takes over.

To be changed more than once: You can switch off your sauna or steam bath manually at any time by pressing OFF. To restart with the same settings, press MENU – Use the right and left arrows (← →) to go to stand-by. Start programming mode by pressing the down arrow (↓), shift to on/off with the right arrow (→). Change the on/off mode using the up and down arrows (↑ ↓).

Password

Note: CC 100-3B/3S/12B/12S only

Setting the password.

Press MENU – Use the right and left arrows (← →) to go to password setting. Start programming mode by pressing the down arrow (↓). Enter the code using all the arrow keys (← → ↓ ↑). (After power failure, the code is reset to 1995). Press MENU, use the left arrow key (←) to change the code. Set the new code using all the arrow keys (← → ↓ ↑). Press MENU. Activate on/off with the right arrow (→), press MENU. Now the password is activated.

To return to unlocked mode, repeat the above procedure but set on/off to off.

Note: Do all other settings before setting the password.

SETTINGS

Note: CC 100-0B/0S only

Note: for all settings, the Tylarium should be switched OFF. To be changed more than once: However, temperature and humidity settings can be changed when the Tylarium is ON.

MANUAL ON/OFF.

Note: CC 100-0B/0S only

Setting the bathing temperature.

Press TEMP – the previous temperature is displayed. Use the up and down arrows (↑ ↓) to change the temperature.

Manual on/off.

Important! Don't forget to set the off time. The sauna may be switched on for a maximum of 12 hours.

Press ON to switch the facility on. **Press OFF** to switch it off.

PROGRAMMING THE WEEKLY TIMER

with different settings for different days of the week.

Note: CC 100-0B/0S only

Setting on/off, temperature.

Press MENU – Use the left and right arrow keys (← →) to set the timer. Start programming mode using the down arrow (↓).

Use the left and right arrow keys (← →) to set the day (for example, Monday). Shift to programming mode by pressing the down arrow (↓).

Choose the setting number (such as setting 1) with the left and right arrow keys (← →). Shift to programming mode by pressing the down arrow (↓).

Use the up and down arrows (↑ ↓) to set the start hour, then shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓).

To be changed more than once: Use the right arrow (→) to move to end hour setting and then the up and down arrows (↑ ↓) to set the end hour. Shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓). Shift to temperature with the right arrow (→). Change the temperature using the up and down arrows (↑ ↓). Shift to on/off with the right arrow (→). Change the on/off mode using the up and down arrows (↑ ↓).

Now the setting (Monday, setting 1) is done; press MENU to return to programming mode. Programme the stand-by times for each day by moving to the day/setting with the left and right arrow keys (← →). You can programme a maximum of four time settings per day. When all settings are done, go back to timer settings by pressing MENU twice, press ON, and the weekly settings are activated. To be changed more than once: A red LED blinks until the sauna or steam bath starts at a set time; after this it glows steadily (a text on the display tells when this happens).

To switch the Tylarium off manually, press OFF. (This only switches off the current bath).

To de-programme the weekly settings, press MENU, use the left and right arrows (← →) to shift to timer settings and press OFF.

PROGRAMMING THE WEEKLY TIMER

with the same setting for all days of the week.

Note: CC 100-0B/0S only

Setting on/off, temperature.

Press MENU – Use the left and right arrow keys (← →) to set the timer. Start programming mode using the down arrow (↓).

Use the left and right arrow (← →) keys to select the mode WEEK. Shift to programming mode by pressing the down arrow (↓).

Select the setting number (for example, setting 1) using the left and right arrow keys (← →).

Use the down arrow (↓) to move the programming mode, then use the up and down arrows (↑ ↓) to set the start hour. Shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓).

Shift to end time setting using the right arrow (→), then use the up and down arrows (↑ ↓) to change the end time, then shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓). Shift to temperature with the right arrow (→). Change the temperature using the up and down arrows (↑ ↓). Shift to on/off with the right arrow (→). Change the on/off mode using the up and down arrows (↑ ↓).

Now the setting (1) is done; press MENU to return to programming mode. Programme each setting using the left and right arrow keys (← →). The Tylarium can be programmed to switch on and off four times a day. When all settings are done, go back to timer settings by pressing MENU twice, press ON, and the weekly settings are activated. A red LED blinks until the sauna or steam bath starts at a set time; after this it glows steadily (a text on the display tells when this happens).

To switch the Tylarium off manually, press OFF. (This only switches off the current bath).

To de-programme the weekly settings, press MENU, use the left and right arrows (← →) to shift to timer settings and press OFF.

STAND-BY PROGRAMMING

with different settings for different days of the week.

Note: CC 100-0B/0S only.

Press MENU – Use the left and right arrow keys (← →) to set the stand-by timer. Start programming mode using the down arrow (↓).

Use the left and right arrow keys (← →) to set the day (for example, Monday). Shift to programming mode by pressing the down arrow (↓).

Use the up and down arrows (↑ ↓) to set the start hour, then shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓).

To be changed more than once: Switch to end time setting using the right arrow (→), use the up and down arrows (↑ ↓) to set the end hour, then shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓). Shift to temperature with the right arrow (→). Change the temperature using the up and down arrows (↑ ↓). Shift to on/off with the right arrow (→). Change the on/off mode using the up and down arrows (↑ ↓).

Now the stand-by setting (Monday, setting 1) is done; press MENU to return to programming mode. Programme the stand-by time for each day. When all settings are done, go back to stand-by settings in the MENU ON, and the stand-by settings are activated. A red LED blinks until the sauna or steam bath starts at a set time; after this it glows steadily (a text on the display shows that the panel is in a stand-by position and when it will switch on).

As soon as you press ON, the temperature increases to the pre-set bathing temperature. After 1 hour, the facility resumes the stand-by temperature. Each time the ON button is pressed, a new 1-hour bathing period starts.

Note: if both the timer time and stand-by time are set to be on at the same time, the timer function takes over.

To switch the Tylarium off manually, press OFF. (This only switches off the current bath).

To be changed more than once: To de-programme the stand-by settings, press MENU, use the left and right arrows (← →) to shift to the stand-by setting and press OFF.

To restart with the same settings, press MENU, go to stand-by using the left and right arrows (← →), and press ON.

NOTE: Always block with a password after Standby programming.

STAND-BY PROGRAMMING

with the same setting for all days of the week.

Note: CC 100-0B/0S only.

Press MENU – Use the left and right arrow keys (← →) to set the stand-by timer. Start programming mode using the down arrow (↓).

Use the left and right arrow (← →) keys to select the mode WEEK. Shift to programming mode by pressing the down arrow (↓).

Use the up and down arrows (↑ ↓) to set the start time, then shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓).

To be changed more than once: Switch to end time setting using the right arrow (→), use the up and down arrows (↑ ↓) to set the end hour, then shift to minutes with the right arrow (→). Change the minutes using the up and down arrows (↑ ↓). Shift to temperature with the right arrow (→). Change the temperature using the up and down arrows (↑ ↓). Shift to on/off with the right arrow (→). Change the on/off mode using the up and down arrows (↑ ↓).

Now the stand-by time is programmed in. Go back to stand-by programming by pressing MENU twice, press ON. A red LED blinks until the sauna or steam bath starts at a set time; then it glows steadily (a text on the display tells that the panel is on stand-by and when it will switch on).

As soon as you press ON, the temperature increases to the pre-set bathing temperature. After 1 hour, the facility automatically resumes stand-by temperature. Each time you press ON, 1 hour's bathing time begins.

Note: if both the timer time and stand-by time are set to be on at the same time, the timer function takes over.

To switch the Tylarium off manually, press OFF. (This only switches off the current bath).

To be changed more than once: To de-programme the stand-by settings, press MENU, use the left and right arrows (← →) to shift to the stand-by setting and press OFF.

To restart with the same settings, press MENU, go to stand-by using the left and right arrows (← →), and press ON.

NOTE: Always block with a password after Standby programming.

Password.

Setting the password.

Press MENU – Use the right and left arrows (← →) to go to password setting. Start programming mode by pressing the down arrow (↓). Enter the code using all the arrow keys (← → ↓ ↑). After power failure, the code is reset to 1995). Press MENU, use the left arrow key (←) to change the code. Set the new code using all the arrow keys (← → ↓ ↑). Press MENU. Activate on/off with the right arrow (→), press MENU. Now the password is activated.

To return to unlocked mode, repeat the above procedure but set on/off to off.

Note: Do all other settings before setting the password.

BATHING OUTSIDE OF THE PROGRAMMED TIME

if the panel is locked with a password.

The sauna or steam bath can be used at a different time than the programmed time. Press ON to start a one-hour bathing period. To extend the bath, press ON again. The facility automatically switches off one hour after the last time ON was pressed.

In the event of any problems, please contact the retailer where you purchased the equipment.

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