INSTALLATION

Read these instructions together with the assembly instructions that are included with your sauna heater or steam generator.

Fig. A – TYLARIUM.

(Sauna heater type SK, SDK, Deluxe and steam generator type VA/VB). 1 = sauna heater. 2 = humidity and temperature sensor. 3 = control panel CC 20/ CC 200. 4 = external on/off switch (if any). 5 = mains fuse box. 6 = relay box RB30/60. 7 = steam generator. 8 = amplifier, CC 200 only.

Fig. B - TYLARIUM.

(Sauna heater type SE and steam generator type VA/VB).

1 = sauna heater. 2 = humidity and temperature sensor. 3 = control panel CC 20/ CC 200. 4 = external on/off switch (if any). 5 = mains fuse box. 7 = steam generator. 8 = amplifier, CC 200 only.

TYLARIUM CC 20.

To be installed outside of the Tylarium, at any distance from it.

CC 20-3. Manual and automatic on/off. A maximum of three hours running time, 10 hours pre-set time.

CC 20-10. Manual and automatic on/off. A maximum of 10 hours running time, 10 hours pre-set time.

TYLARIUM CC 200.

To be installed outside of the Tylarium, at any distance from it.

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

CC 200-3. Manual and automatic on/off. A maximum of three hours running time, 24 hours pre-set time.

CC 200-12. Manual and automatic on/off. A maximum of 12 hours running time, 24 hours pre-set time.

CC 200-0. Built-in weekly timer. A maximum of 12 hours continuous running time.

Important! For the automatic emptying function of the steam generator to work, the control panel must be switched off at least 1½ hours every 24 hours.

Relay box (RB).

(No relay box used for SE heaters).

To be installed outside of the Tylarium, at any distance from it. The relay box may not be placed closer than one meter (39 in) from the CC 20/ CC 200.

Shielded low-voltage cable (LiYCY, 6-wire conductor).

The control cable between the CC 20/CC 200 and the relay box, SE unit or the steam generator must be a shielded low-voltage cable (LiYCY, 6-conductor). Connect the shielding to plinth 12 in the CC20 or CC200.

Placement of the thermistor, humidity and temperature sensor

and temperature sensor.

To be installed 1500 mm above floor level (not above the sauna heater). Place the sensor so that it will not be reached, directly or indirectly, by the steam jet. The thermistor wire can be extended outside of the Tylarium with a shielded low-voltage cable (2-conductor; CC 20 only).

Amplifier.

(CC 200 only)

To be installed outside of the Tylarium at a maximum of 2 metres (18.7 in) from the sensor and at any distance from the CC 200. The control cable between the amplifier and the CC 200 must be a shielded low-voltage cable (4-conductor). Connect the shielding only to plinth 25 in the amplifier.

Illumination.

(CC 200 only)

Connect the illumination as shown in the wiring diagram.

Option: external on/off-switch (instantaneous).

Can be placed at any distance from the Tylarium. To be connected with a low-voltage cable to the CC20/CC200 - see the wiring diagram. If there are several external on/off switches, they should be parallel-connected.

Connection to a central computer.

The control panel can also be connected to a central computer, which gives a brief impulse (closure) between plinths 19 and 20 in the CC 20/ CC 200. The maximum permitted running time is 12 hours.

Important! For the automatic emptying function of the steam generator to work, the control panel must be switched off at least $1\frac{1}{2}$ hours every 24 hours.

Fig. C, G, I, M – wiring diagram.

(Sauna heater type SK, SDK, Deluxe and steam generator type VA/VB with control panel type CC 20).

1 = sauna heater. 2 = sensor. 3 = control panel CC 20. 4 = external on/off switch (if any). 6 = relay box RB30/60. 7 = steam generator.

Check the heater's and steam generator's type identification plate to ensure the right voltage before you connect the electricity supply. **Don't forget to** ground the unit!

Fig. E, K, O – wiring diagram.

(Sauna heater type SE and steam generator type VA/VB with control panel type CC 20).

1 = sauna heater. 2 = sensor.3 = control panel CC 20. 4 = external on/off switch (if any). 7 = steam generator.

Check the heater's and steam generator's type identification plate to ensure the right voltage before you connect the electricity supply. **Don't forget to** ground the unit!

Fig. D, H, J, N – wiring diagram.

(Sauna heater type SK, SDK, Deluxe and steam generator type VA/VB with control panel type CC 200).

1 = sauna heater. **2** = humidity and temperature sensor. **3** = control panel CC 200. **4** = external on/off switch (if any). **6** = relay box RB30/60. **7** = steam generator. **8** = amplifier, CC 200 only.

Check the heater's and steam generator's type identification plate to ensure the right voltage before you connect the electricity supply. **Don't forget to** ground the unit!

Fig. F, L, P – wiring diagram.

(Sauna heater type SE and steam generator type VA/VB with control panel type CC 200).

1 = sauna heater. **2** = humidity and temperature sensor. **3** = control panel CC 200. **4** = external on/off switch (if any). **7** = steam generator. **8** = amplifier, CC 200 only.

Check the heater's and steam generator's type identification plate to ensure the right voltage before you connect the electricity supply. **Don't forget to ground the unit!**

INSTRUCTIONS FOR USE CC 20



Functions.

1 = setting scale. 2 = time settings. 3 = temperature settings. 4 = humidity settings. 5 = water level indicator. 6 = on. 7 = off.

Temperature setting.

(Unit in ON position)

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 setting the temperature at position 4. If you later find that you would prefer a warmer or cooler temperature, adjust the setting until you find the ideal bathing temperature for you (usually 70-90°C (158-194°F) for the traditional dry and wet saunas and 45-70°C (113-158°F) for a steam bath).

Humidity settings.

(Unit in ON position)

Press RH% – the previous humidity setting is displayed. The numbers indicate a rising scale. Experiment to find the humidity that suits you best. Begin for example by choosing position 4. If you later find that you would prefer higher or lower humidity, adjust the setting until you find the ideal humidity for you.

Note: The electronic control logics will limit the maximum humidity at given temperatures.

Traditional sauna bathing

Dry and wet saunas (70–110°C (158–230°F), 5–30 RH%)

Press ON – only the *sauna* indicator should be lit. The memory function automatically sets the previous temperature and humidity. **Press TEMP** – if you want to change the pre-set temperature.

Press RH% – if you want to change the humidity setting.

The built-in timer automatically switches the heater off after 3 hours. To switch the heater off sooner, press OFF. To extend the bathing time, press ON – only the *sauna* LED should be lit.

The electronic control logics will not start steam generation until the desired bathing temperature is reached. Level 1 in the humidity scale = no steam production.

The electronic control logics will limit the maximum humidity at given temperatures.

Steam sauna (Tylarium). (45–70 °C (113–158 °F), 20–65 RH%)

Press ON – until the *steam* and *sauna* indicators glow steadily. The memory function automatically uses the previous settings for temperature and humidity.

Press TEMP – if you want to change the temperature setting.

Press RH% – if you want to change the humidity setting. The built-in timer automatically switches the heater off after 3 hours, and the automatic drying process is activated. The *steam* and *sauna* LEDs flash, even if you manually pressed OFF.

The drying cycle lasts for about 20 minutes, after which the heater switches off completely. If you do not want to activate the drying process, but prefer to switch the heater off immediately after bathing, press the OFF button once more. If you wish to extend the bathing time before the drying process commences, press ON – the *steam* and *sauna* LEDs will glow steadily. To extend the bathing time after the heater has switched to the drying process (in other words, when both LEDs are flashing), first press OFF and then ON. Both LEDs should then shine with a steady light.

Timer settings.

(Unit in OFF position)

The numbers in this case represent the pre-set times (= the number of hours until the sauna 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 flashes during the pre-set time period. Once the heater switches on, it remains on for 3 hours, after which it automatically switches off. If you want to switch it off earlier, just press OFF. To extend your bathing time, press ON. The LED for the desired type of bath should be lit.

Main power switch.

At the bottom of the relay box, SE heater and the smaller steam generator types, there is a main power switch that should only be used if the sauna is not to be in use for an extended period, such as several weeks. Note: The memory function must be reset each time the power has been interrupted.

INSTRUCTIONS FOR USE CC 200



Functions.

1 = on, 2 = temperature settings, 3 = off, 4 = lighting, 5 = humidity settings,
6 = move left, 7 = reduce temperature/time/humidity and move down,
8 = move right, 9 = increase temperature/time/humidity and move up,
10 = settings menu, 11 = information menu, 12 = display. 13 = built-in,
factory-set processor, can be customised as needed.

A simplified version of these instructions can be found in the information menu (INFO) on CC 200.

CC 200 has a built-in power reserve and you can choose between 7 different languages.

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

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.

Code lock.

Prevents unauthorised alteration 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 unit is to be switched off for an extended period.

Hint: Place the thermometer in the Tylarium at such a height that the measured temperature corresponds exactly to the numbers displayed on the CC 200.

Stand-by.

Stand-by is invaluable for Tylaria in hotels, public baths, etc. where the frequency of use varies. During low-frequency periods, the unit 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 example:

Three different bath facilities are open between 8^{00} am and 8^{00} pm. The bathing frequencies of the facilities varies like this:

Alt. 1) A small number of bathers come sporadically throughout the day. Programme stand-by between 8^{00} am and 8^{00} 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 8^{00} am and 2^{00} pm. After 2^{00} pm, there is a steady flow of guests until closing. Programme stand-by between 8^{00} am and 8^{00} pm and programme a fixed "ON" time between 2^{00} pm and 8^{00} 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.

Alt. 3) A large number of bathers between 8^{00} am and 10^{00} am, 1^{00} pm and 2^{00} pm and 6^{00} pm and 8^{00} pm. The rest of the day, only sporadic bathers come. Programme stand-by between 8^{00} am and 8^{00} pm, programme fixed "ON" times for the steady bathing hours. 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.

SETTINGS all CC 200

Note: Program all settings in the OFF position.

Language.

Press MENU – Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to move to choice of language. Start programming mode by pressing the down arrow (\mathbb{Q}). Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to select the language. Press the up arrow (\mathbb{T}) to exit and press MENU to change language.

Time (clock).

Press MENU – Use the left and right arrow keys ($\Leftrightarrow \Leftrightarrow$) to move to clock settings. Start programming mode by pressing the down arrow (\clubsuit).

Use the up and down arrow keys $(\hat{u} \ \mathbb{Q})$ to set the day. Move to the time setting by pressing the right arrow (\Rightarrow) . Set the hour using the up and down arrows $(\hat{u} \ \mathbb{Q})$, and shift to minutes with the right arrow (\Rightarrow) . Change the minutes using the up and down arrows $(\hat{u} \ \mathbb{Q})$.

Press MENU to exit.

SETTINGS

Note: CC 200–3/12 only

Note: Program all settings in the OFF position. However, temperature and humidity settings may also be changed in the ON position.

MANUAL ON/OFF.

Setting the bathing temperature.

Press TEMP – the previous temperature setting is displayed. Use the up and down arrows ($\hat{\tau} \ b$) to change the temperature.

Setting relative humidity RH%.

Press RH % – the previous setting is displayed. Use the up and down arrows (Ω \mathcal{P}) to change the humidity (max 65%).

Note: The electronic control logics will limit the maximum humidity at given temperatures.

Manual on/off.

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

If the humidity exceeds 30% when the unit is switched off, a dehumidifier switches on automatically and runs for approximately 20 minutes.

AUTOMATIC ON/OFF.

Setting on/off and temperature/humidity.

Press MENU – Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to move to timer settings. Use the down arrow (\oplus) to start programming mode.

Select the starting time (hour) by using the up and down arrows $(\hat{U} \ b)$, then shift to minutes with the right arrow (\Rightarrow). Change the start minutes using the up and down arrows $(\hat{U} \ b)$.

Select the termination time by using the right arrow (\Rightarrow) , use the up and down $(\widehat{u} \ \mathbb{Q})$ arrows to set the end hour, then shift to minutes with the right arrow (\Rightarrow) . Change the end minutes using the up and down arrows $(\widehat{u} \ \mathbb{Q})$. Shift to temperature settings with the right arrow (\Rightarrow) . Change the

temperature using the up and down arrows ($\hat{\mathbb{T}} \$). Shift to RH% setting with the right arrow (\Leftrightarrow). Change the humidity using the up and down arrows ($\hat{\mathbb{T}} \$). Shift to on/off with the right arrow (\Leftrightarrow). Change the on/off mode using the up and down arrows ($\hat{\mathbb{T}} \$).

Now the setting is programmed and a red LED flashes until the Tylarium starts at the time set. After this, it glows steadily (a message on the display shows when this happens).

You can switch off the Tylarium manually at any time by pressing OFF. To restart with the same settings, press MENU – Use the right and left arrows $(\Leftrightarrow \Rightarrow)$ to go to timer settings. Start programming mode by pressing the down arrow (\mathbb{Q}) , shift to on/off with the right arrow (\Rightarrow) . Change the on/off mode using the up and down arrows $(\widehat{\mathbb{Q}}, \mathbb{Q})$.

If the humidity exceeds 30% when the unit is switched off, a dehumidifier switches on automatically and runs for approximately 20 minutes.

STAND-BY.

Stand-by programming.

Press MENU – Use the right and left arrows ($\Leftrightarrow \Rightarrow$) to go to stand-by settings. Start programming mode by pressing the down arrow (\clubsuit).

Select the starting time (hour) by using the up and down arrows $(\widehat{u} \ \mathbb{Q})$, then shift to minutes with the right arrow (\rightleftharpoons) . Change the start minutes using the up and down arrows $(\widehat{u} \ \mathbb{Q})$.

Select the termination time by using the right arrow (\Rightarrow), then use the up and down arrows (1 1) to change the end hour, then shift to minutes with the right arrow (\Rightarrow). Change the end minutes using the up and down arrows (1 1).

Shift to temperature settings with the right arrow (\Rightarrow). Change the temperature using the up and down arrows ($\Upsilon \ \Dashed{D}$). Shift to RH% settings with the right arrow (\Rightarrow). Change the humidity using the up and down arrows ($\Upsilon \ \Dashed{D}$). Shift to on/off with the right arrow (\Rightarrow). Change the on/off mode using the up and down arrows ($\Upsilon \ \Dashed{D}$).

Now the stand-by is programmed and a red LED flashes until the Tylarium starts at the time set. After this the LED glows steadily (a message on the display shows that the panel is in a stand-by mode and when it will switch on).

Note: If the timer timing and stand-by timing are set to be on concurrently, the timer function will take precedence.

You can switch off the Tylarium manually at any time by pressing OFF. To restart with the same settings, press MENU – Use the right and left arrows ($\Leftrightarrow \Rightarrow$) to go to stand-by settings. Start programming mode by pressing the down arrow (\clubsuit), shift to on/off with the right arrow (\Rightarrow). Change the on/off mode using the up and down arrows ($\Uparrow \ \clubsuit$).

CODE LOCK.

Setting the code lock.

Press MENU – Use the right and left arrows ($\Leftrightarrow \Rightarrow$) to go to code lock settings. Start programming mode by pressing the down arrow (\mathbb{Q}). Enter the code using all the arrow keys ($\Leftrightarrow \Rightarrow \mathbb{Q}$ Ω). After a power failure, the code is reset to 1995. Press MENU, use the left arrow key (\Leftrightarrow) to change the code. Set the new code using all the arrow keys ($\Leftrightarrow \Rightarrow \mathbb{Q}$ Ω). Press MENU. Activate on/off with the right arrow (\Rightarrow), press MENU. Now the code lock is activated.

To return to a mode of operation without a code lock, repeat the above procedure but set on/off to off.

Note: Program all other settings before setting the code lock.

SETTINGS

Note: CC 200–0 only.

Note: Program all settings in the OFF position. However, temperature and humidity settings may also be changed in the ON position.

MANUAL ON/OFF.

Setting the bathing temperature.

Setting relative humidity RH%.

Note: The electronic control logics will limit the maximum humidity at given temperatures.

Manual on/off.

Important! Don't forget to set the end time. The Tylarium may be in continous operation for a maximum of 12 hours.

Press ON to switch the unit on. **Press OFF** to switch it off. If the humidity exceeds 30% when the unit is switched off, a dehumidifier switches on automatically and runs for approximately 20 minutes.

PROGRAMMING THE WEEKLY TIMER

with different settings for different days of the week. Setting on/off, temperature/humidity.

Press MENU – Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to select the timer settings. Start programming mode using the down arrow (\mathbb{J}).

Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to set the day (for example, Monday). Shift to programming mode by pressing the down arrow (\mathbb{Q}). Choose the setting number (such as setting 1) with the left and right arrow keys ($\Leftrightarrow \Rightarrow$). Shift to programming mode by pressing the down arrow (\mathbb{Q}). Select he starting time (hour) by using the up and down arrows ($\mathbb{Q} \ \mathbb{Q}$), then shift to minutes with the right arrow (\Rightarrow). Change the start minutes using the up and down arrows ($\mathbb{Q} \ \mathbb{Q}$).

Select the termination time by using the right arrow (\Rightarrow), use the up and down arrows to set the end hour (\hat{U} ϑ), then shift to minutes with the right arrow (\Rightarrow). Change the end minutes using the up and down arrows (\hat{U} ϑ). Shift to temperature settings with the right arrow (\Rightarrow). Change the temperature using the up and down arrows (\hat{U} ϑ). Shift to RH% settings with the right arrow (\Rightarrow). Change the up and down arrows (\hat{U} ϑ). Shift to row (\Rightarrow). Change the up and down arrows (\hat{U} ϑ). Shift to on/off with the right arrow (\Rightarrow). Change the on/off mode using the up and down arrows (\hat{U} ϑ).

Now the setting (Monday, setting 1) has been programmed; press MENU to return to programming mode. Programme the start and stop time for each day by moving to the day/setting with the left and right arrow keys (⇔ ⇔). The Tylarium can be programmed to switch on and off for a maximum of 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 flashes until the Tylarium starts at a set time; after this it glows steadily (a message on the display shows when this happens).

As soon as you press ON, the temperature increases to the pre-set bathing temperature. After 1 hour, the unit automatically resumes stand-by temperature. Each time you press ON, 1 hour's bathing time is begun. To switch off manually, press OFF. (This only switches off the current bath). If the humidity exceeds 30% when the unit is switched off, a dehumidifier switches on automatically and runs for approximately 20 minutes. To de-activate the programming of 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. Setting on/off, temperature/humidity.

Press MENU – Use the left and right arrow keys (⇔ ⇔) to select the timer settings. Start programming mode using the down arrow (♣).

Select the setting number (for example, setting 1) using the left and right arrow keys ($\Leftrightarrow \Rightarrow$). Shift to programming mode by pressing the down arrow (\mathbb{Q})

Select the starting time (hour) by using the up and down arrows $(\hat{U} \ b)$, then shift to minutes with the right arrow (\Rightarrow). Change the start minutes using the up and down arrows $(\hat{U} \ b)$.

Select the termination time by using the right arrow (\Rightarrow), use the up and down arrows to set the end hour($\Uparrow \ \clubsuit$), then shift to minutes with the right arrow (\Rightarrow). Change the end minutes using the up and down arrows ($\Uparrow \ \clubsuit$). Shift to temperature settings with the right arrow (\Rightarrow). Change the temperature using the up and down arrows ($\Uparrow \ \clubsuit$). Shift to RH% settings with the right arrow (\Rightarrow). Shift to RH% settings with the right arrow (\Rightarrow). Shift to on/off with the right arrow (\Rightarrow). Change the on/off mode using the up and down arrows ($\Uparrow \ \clubsuit$). Shift to on/off with the right arrow (\Rightarrow). Change the on/off mode using the up and down arrows ($\Uparrow \ \clubsuit$).

Now the setting (1) has been programmed; 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 for a maximum of 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 flashes until the Tylarium starts at a set time; after this it glows steadily (a message on the display will appear when this happens).

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

If the humidity exceeds 30% when the unit is switched off, a dehumidifier switches on automatically and runs for approximately 20 minutes.

To de-activate the programming of the weekly settings, press MENU, use the left and right arrows ($\Leftrightarrow \Rightarrow$) to shift to timer settings and press OFF.

STAND-BY PROGRAMMING

with different settings for different days of the week.

Press MENU – Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to go to stand-by settings. Start programming mode using the down arrow (\mathbb{P}).

Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to set the day (for example, Monday). Shift to programming mode by pressing the down arrow (\clubsuit). Select the starting time (hour) by using the up and down arrows ,($\mathring{U} \ \clubsuit$), then shift to minutes with the right arrow (\Rightarrow). Change the start minutes using the up and down arrows ($\widehat{U} \ \clubsuit$).

Select the termination time (hour) by using the up and down arrows $(\widehat{U} \ \mathbb{Q})$, then shift to minutes with the right arrow (\Rightarrow). Change the end minutes using the up and down arrows $(\widehat{U} \ \mathbb{Q})$.

Shift to temperature settings with the right arrow (\Rightarrow). Change the temperature using the up and down arrows (\widehat{U} \widehat{V}). Shift to RH% settings with the right arrow (\Rightarrow). Change the humidity using the up and down arrows (\widehat{U} \widehat{V}). Shift to on/off with the right arrow (\Rightarrow). Change the on/off mode using the up and down arrows (\widehat{U} \widehat{V}).

Now the stand-by setting (Monday) has been programmed; press MENU to return to programming mode. Programme the stand-by times for each day. When all settings are done, go back to stand-by settings in the MENU programme, press ON, and the weekly settings are activated. A red LED flashes until the Tylarium starts at the pre-set time; after this it glows steadily (a message on the display shows that the panel is in stand-by mode 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 unit resumes the stand-by temperature. Each time the ON button is pressed, a new 1-hour bathing period starts.

Note: If the timer timing and stand-by timing are set to be on concurrently, the timer function will take precedence.

To switch off manually, press OFF. (This only switches off the current bath). To de-activate the programming of the stand-by settings, press MENU, use the left and right arrows to shift to timer settings and press OFF.

To restart with the same settings, press MENU, go to stand-by using the left and right arrows ($\Leftrightarrow \Rightarrow$), and press ON.

NOTE: Always use the code lock function in connection with stand-by programming.

STAND-BY PROGRAMMING

with the same setting for all days of the week.

Press MENU – Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to go to stand-by settings. Start programming mode using the down arrow (\mathbb{P}).

Use the left and right arrow keys ($\Leftrightarrow \Rightarrow$) to select the mode WEEK. Shift to programming by pressing the down arrow (\mathbb{Q}).

Select the starting time (hour) by using the up and down arrows ($\hat{T} \ \hat{U}$), then shift to minutes with the right arrow (\Rightarrow). Change the start minutes using the up and down arrows ($\hat{T} \ \hat{U}$).

Select the termination time by using the right arrow (\Rightarrow), use the up and down arrows ($\hat{u} \ \vartheta$) to set the end hour, then shift to minutes with the right arrow (\Rightarrow). Change the end minutes using the up and down arrows ($\hat{u} \ \vartheta$). Shift to temperature settings with the right arrow (\Rightarrow). Change the

temperature using the up and down arrows ($\hat{\mathbb{T}} \$). Shift to RH% settings with the right arrow (\Rightarrow). Change the humidity using the up and down arrows ($\hat{\mathbb{T}} \$). Shift to on/off with the right arrow (\Rightarrow). Change the on/off mode using the up and down arrows ($\hat{\mathbb{T}} \$).

Now the stand-by time has been programmed. Go back to stand-by programming by pressing MENU twice, press ON. A red LED flashes until the Tylarium starts at the pre-set time; then it glows steadily (a message on the display shows that the panel is in stand-by mode 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 is begun. Note: If the timer timing and stand-by timing are set to be on concurrently, the timer function will take precedence.

To switch off manually, press OFF. (This only switches off the current bath). To de-activate the programming of the stand-by settings, press MENU, use the left and right arrows ($\Leftrightarrow \Rightarrow$) to shift to stand-by setting and press OFF. To restart with the same settings, press MENU, go to stand-by using the left and right arrows ($\Leftrightarrow \Rightarrow$), and press ON.

NOTE: Always use the code lock function in connection with Stand-by programming.

CODE LOCK.

Setting the code lock.

Press MENU – Use the right and left arrows ($\Leftrightarrow \Rightarrow$) to go to code lock setting. Start programming mode by pressing the down arrow (\clubsuit). Use the arrow keys ($\Leftrightarrow \Rightarrow \clubsuit$ Υ) to enter the code. After a power failure, the code is reset to 1995. Press MENU, use the left arrow key (\Leftrightarrow) to change the code. Set the new code using the arrow keys ($\Leftrightarrow \Rightarrow \clubsuit$ Υ). Press MENU. Activate on/off with the right arrow (\Rightarrow), press MENU. Now the code lock is activated. To return to a mode of operation without a code lock, repeat the above procedure but set on/off to off.

Note: Program all other settings before setting the code lock.

BATHING OUTSIDE OF THE PROGRAMMED SCHEDULE

if the panel lock is activated.

The Tylarium can be used at other times than pre-programmed. Press ON to start a one-hour bathing period. To extend the bath, press ON again. The unit automatically switches off one hour after ON was pressed last.

TYLARIUM

The Tylarium offers sauna bathing in all its forms: dry sauna, wet sauna and steam baths. Since the relative humidity sometimes is higher than in a traditional sauna bath, please observe the following recommendations.

- If the sauna has a window in the door or wall, treat the entire lower moulding with boat varnish and seal the joint between the glass and the moulding with a water-resistant silicone sealant. This prevents any condensation on the glass from seeping into the joint.
- Varnish the threshold and door handles a few times with boat varnish to maintain the finish and simplify cleaning the sauna. Benches, decorative edging and back supports should be oiled on both sides with Tylö sauna oil.

Note: All other wood in the sauna should be left untreated.



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DIP-switch	Displayed text*	Function
	CC200-0	Built-in weekly timer
	CC200-3	3 hour running time
• • • • • •	CC200-12	12 hour running time

* Is displayed for 5 sec when the CC panel is connected to 12DC.

• = Switch position at the DIP-switch.

