

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.

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 1½ 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!**

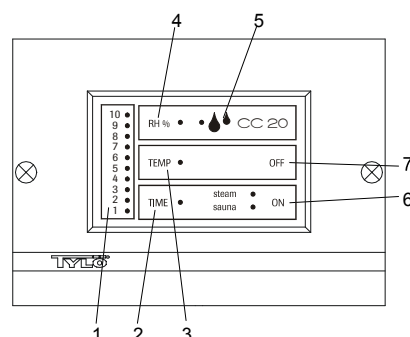
Fig. F, L, P – wiring diagram.

(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.

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 (↑ ↓) to change the temperature.

Setting relative humidity RH%.

Press RH % – the previous setting is displayed. Use the up and down arrows (↑ ↓) 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 (⇐ ⇒) to move to timer settings. Use the down arrow (↓) to start programming mode.

Select the starting time (hour) by using the up and down arrows (↑ ↓), then shift to minutes with the right arrow (⇒). Change the start minutes using the up and down arrows (↑ ↓).

Select the termination time by 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 end minutes using the up and down arrows (↑ ↓). Shift to temperature settings with the right arrow (⇒). Change the temperature using the up and down arrows (↑ ↓). Shift to RH% setting with the right arrow (⇒). Change the humidity 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 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 (⇐ ⇒) 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 (↑ ↓).

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 (⇐ ⇒) to go to stand-by settings. Start programming mode by pressing the down arrow (↓).

Select the starting time (hour) by using the up and down arrows (↑ ↓), then shift to minutes with the right arrow (⇒). Change the start minutes using the up and down arrows (↑ ↓).

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

Shift to temperature settings with the right arrow (⇒). Change the temperature using the up and down arrows (↑ ↓). Shift to RH% settings with the right arrow (⇒). Change the humidity 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 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 (⇐ ⇒) to go to stand-by 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 (↑ ↓).

CODE LOCK.

Setting the code lock.

Press MENU – Use the right and left arrows (⇐ ⇒) to go to code lock settings. Start programming mode by pressing the down arrow (↓). Enter the code using all the arrow keys (⇐ ⇒ ↓ ↑). After a 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 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.

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

Setting relative humidity RH%.

Press RH% – the previous setting is displayed. Use the up and down arrows (↑ ↓) to change the humidity (max 65%).

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 continuous 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 (⇐ ⇒) to select the timer settings. 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 (↓).

Select the starting time (hour) by using the up and down arrows (↑ ↓), then shift to minutes with the right arrow (⇒). Change the start minutes using the up and down arrows (↑ ↓).

Select the termination time by 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 end minutes using the up and down arrows (↑ ↓).

Shift to temperature settings with the right arrow (⇒). Change the temperature using the up and down arrows (↑ ↓). Shift to RH% settings with the right arrow (⇒). Change the humidity 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) 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 (⇐⇒). Shift to programming mode by pressing the down arrow (↓).

Select the starting time (hour) by using the up and down arrows (↑↓), then shift to minutes with the right arrow (⇒). Change the start minutes using the up and down arrows (↑↓).

Select the termination time by 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 end minutes using the up and down arrows (↑↓).

Shift to temperature settings with the right arrow (⇒). Change the temperature using the up and down arrows (↑↓). Shift to RH% settings with the right arrow (⇒). Change the humidity 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) 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 (⇐⇒) 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 (⇐⇒) to go to stand-by settings. 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 (↓).

Select the starting time (hour) by using the up and down arrows (↑↓), then shift to minutes with the right arrow (⇒). Change the start minutes using the up and down arrows (↑↓).

Select the termination time (hour) by using the up and down arrows (↑↓), then shift to minutes with the right arrow (⇒). Change the end minutes using the up and down arrows (↑↓).

Shift to temperature settings with the right arrow (⇒). Change the temperature using the up and down arrows (↑↓). Shift to RH% settings with the right arrow (⇒). Change the humidity 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) 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 (⇐⇒), 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 (⇐⇒) to go to stand-by settings. Start programming mode using the down arrow (↓).

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

Select the starting time (hour) by using the up and down arrows (↑↓), then shift to minutes with the right arrow (⇒). Change the start minutes using the up and down arrows (↑↓).

Select the termination time by 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 end minutes using the up and down arrows (↑↓). Shift to temperature settings with the right arrow (⇒). Change the temperature using the up and down arrows (↑↓). Shift to RH% settings with the right arrow (⇒). Change the humidity 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 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 (⇐⇒) 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 (⇐⇒), 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 (⇐⇒) to go to code lock setting. Start programming mode by pressing the down arrow (↓). Use the arrow keys (⇐⇒↓↑) to enter the code. After a power failure, the code is reset to 1995. Press MENU, use the left arrow key (⇐) to change the code. Set the new code using the arrow keys (⇐⇒↓↑). Press MENU. Activate on/off with the right arrow (⇒), 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 Työlö sauna oil.

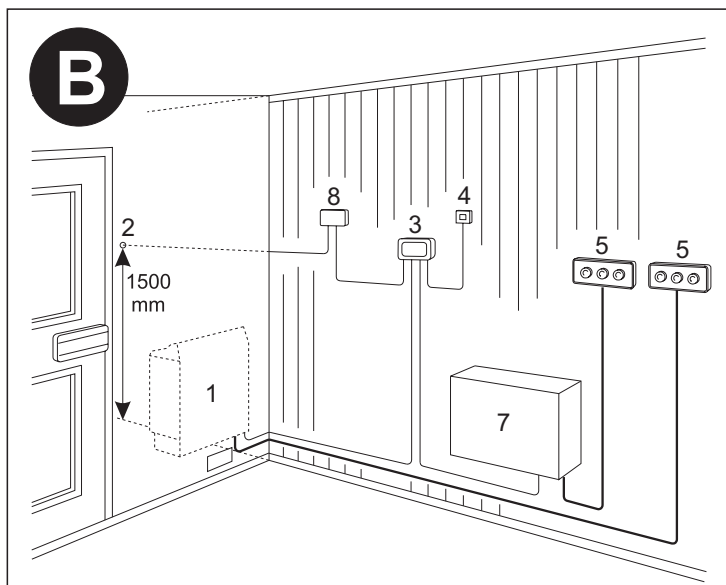
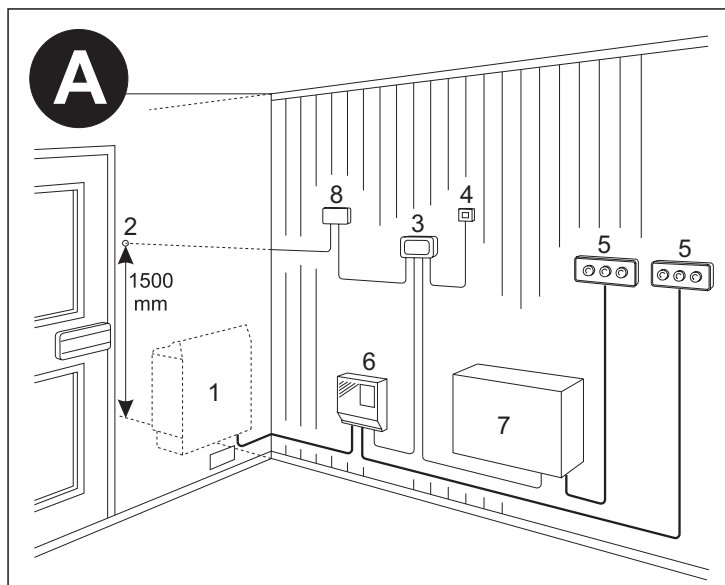
Note: All other wood in the sauna should be left untreated.

TYLÖ®

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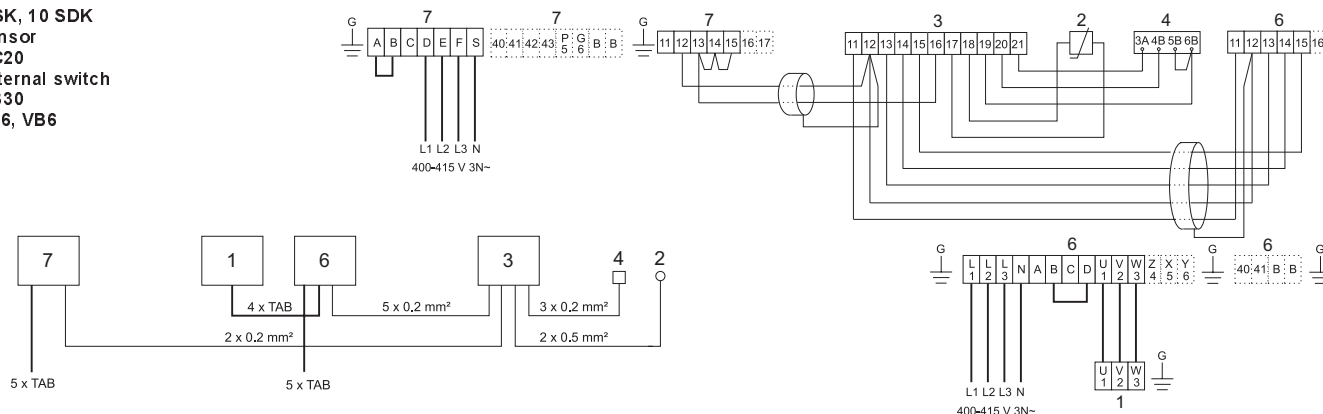
C

**SAUNA: Type SK, SDK
STEAM: Type VA, VB
400 - 415 V 3N~**

TAB

Room volume min/max m³ (cu. m)	SAUNA HEATER					STEAM GENERATOR			
	Type	kW	RB-type	Amp	mm²	Type	kW	Amp	mm²
6 - 12	8 SK	8	RB 30	12	2.5	VA 6, VB 6	6 - 6.6	10	1.5
10 - 18	10 SDK	10.7	RB 30	16	2.5	VA 6, VB 6	6 - 6.6	10	1.5

- 1 = 8 SK, 10 SDK
2 = sensor
3 = CC20
4 = external switch
6 = RB30
7 = VA6, VB6



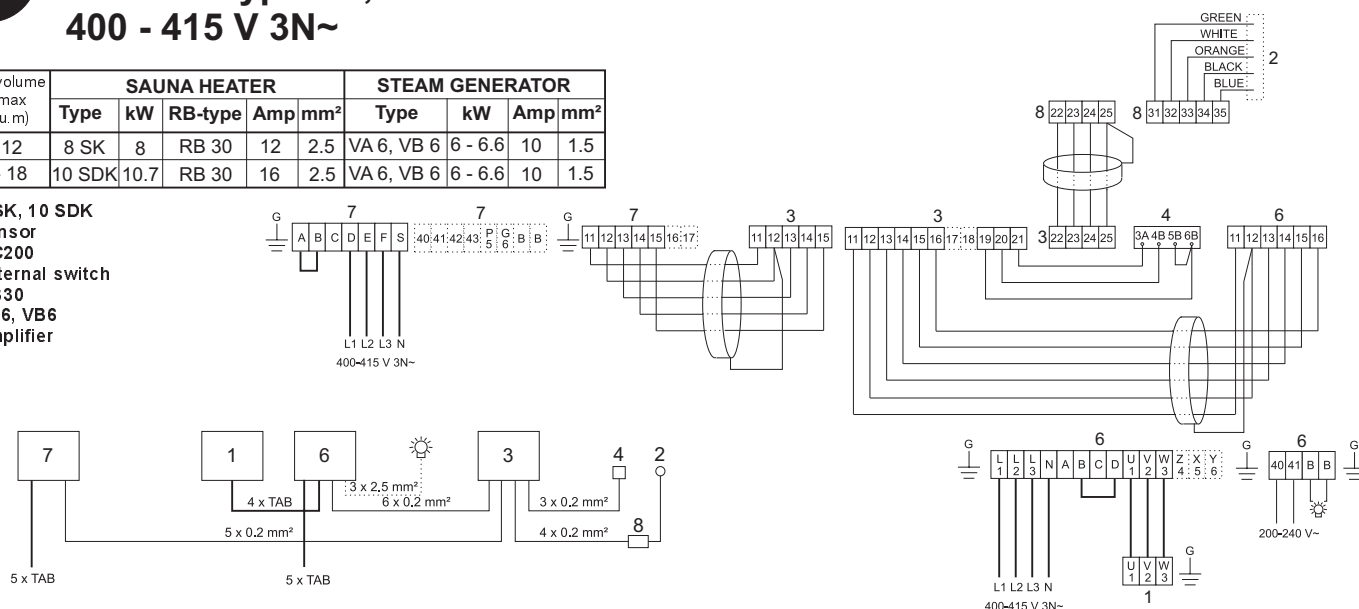
D

**SAUNA: Type SK, SDK
STEAM: Type VA, VB
400 - 415 V 3N~**

TAB

Room volume min/max m³ (cu. m)	SAUNA HEATER					STEAM GENERATOR			
	Type	kW	RB-type	Amp	mm²	Type	kW	Amp	mm²
6 - 12	8 SK	8	RB 30	12	2.5	VA 6, VB 6	6 - 6.6	10	1.5
10 - 18	10 SDK	10.7	RB 30	16	2.5	VA 6, VB 6	6 - 6.6	10	1.5

- 1 = 8 SK, 10 SDK
2 = sensor
3 = CC200
4 = external switch
6 = RB30
7 = VA6, VB6
8 = amplifier



E

SAUNA: Type SE STEAM: Type VA, VB 400 - 415 V 3N~

TAB

Room volume min/max m ³ (cu.m)	SAUNA HEATER				STEAM GENERATOR			
	Type	kW	Amp	mm ²	Type	kW	Amp	mm ²
6 - 12	8 SE	8	12	2.5	VA 6, VB 6	6 - 6.6	10	1.5

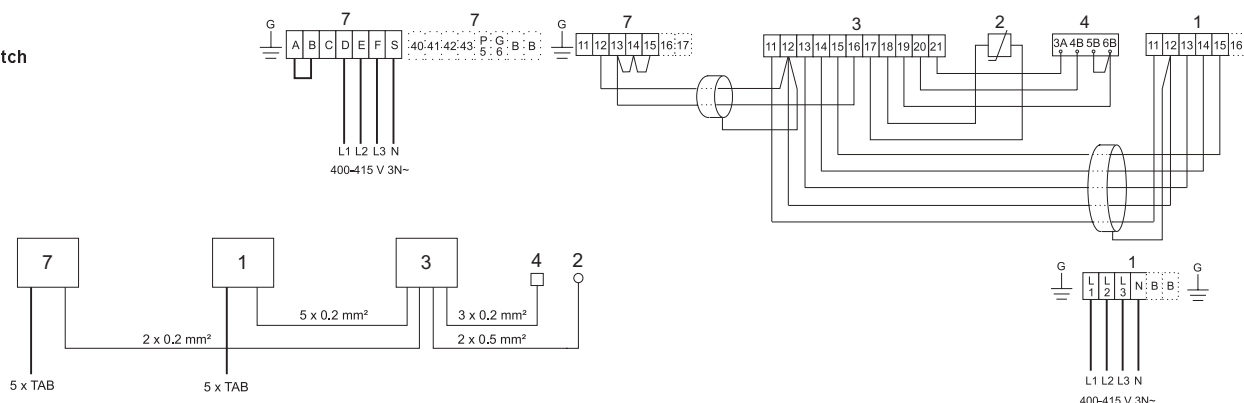
1 = 8SE

2 = sensor

3 = CC20

4 = external switch

7 = VA 6, VB 6



F

SAUNA: Type SE STEAM: Type VA, VB 400 - 415 V 3N~

TAB

Room volume min/max m ³ (cu.m)	SAUNA HEATER				STEAM GENERATOR			
	Type	kW	Amp	mm ²	Type	kW	Amp	mm ²
6 - 12	8 SE	8	12	2.5	VA 6, VB 6	6 - 6.6	10	1.5

1 = 8SE

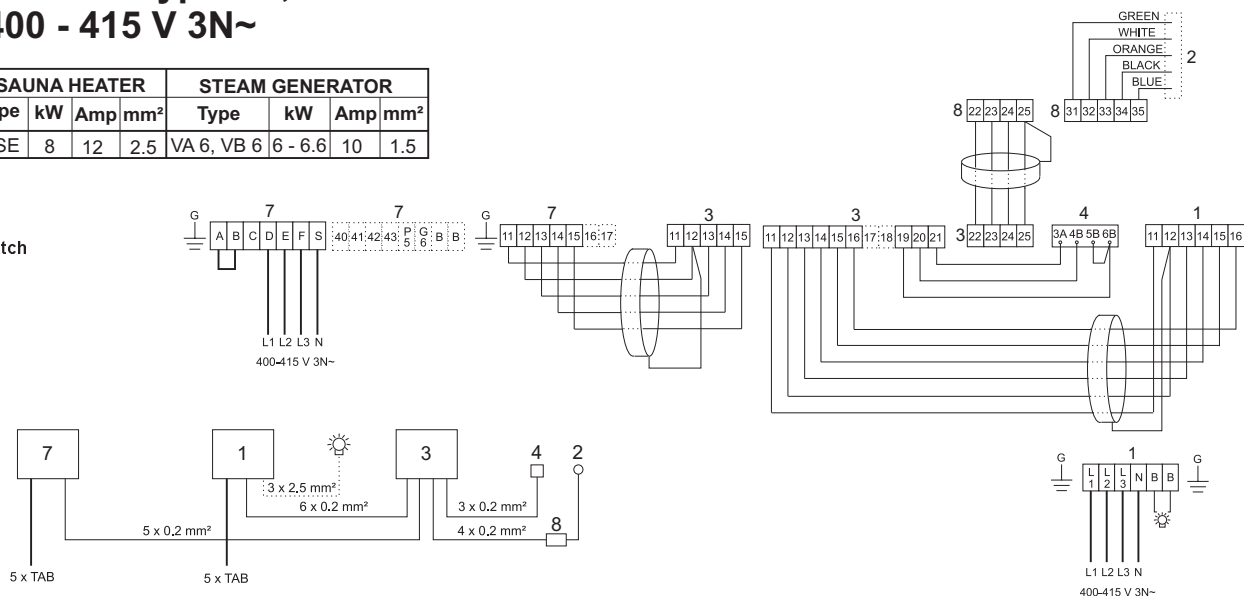
2 = sensor

3 = CC200

4 = external switch

7 = VA 6, VB 6

8 = amplifier



G

SAUNA: Type SD STEAM: Type VA 400 - 415 V 3N~

1 = 16SD, 20SD

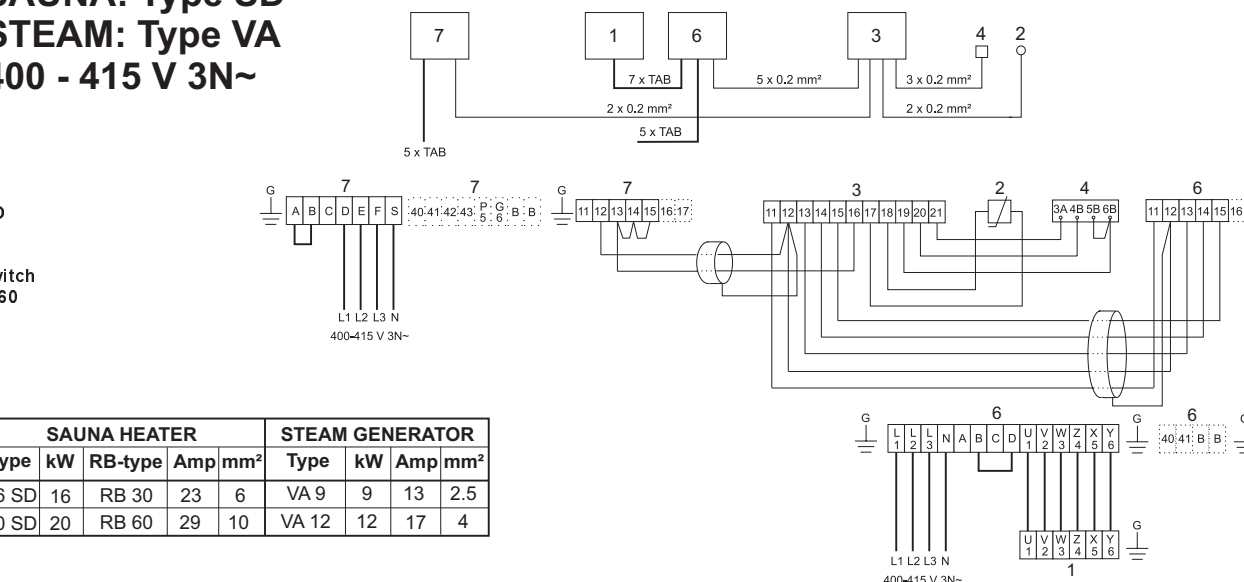
2 = sensor

3 = CC20

4 = external switch

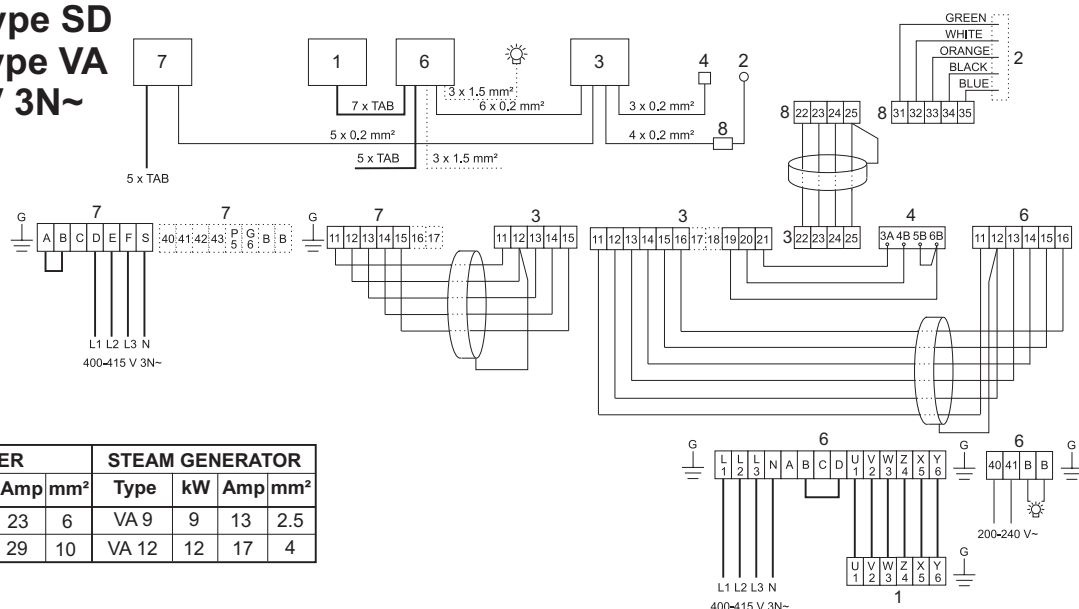
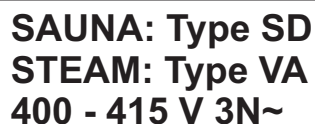
6 = RB 30, RB 60

7 = VA 9, VA 12

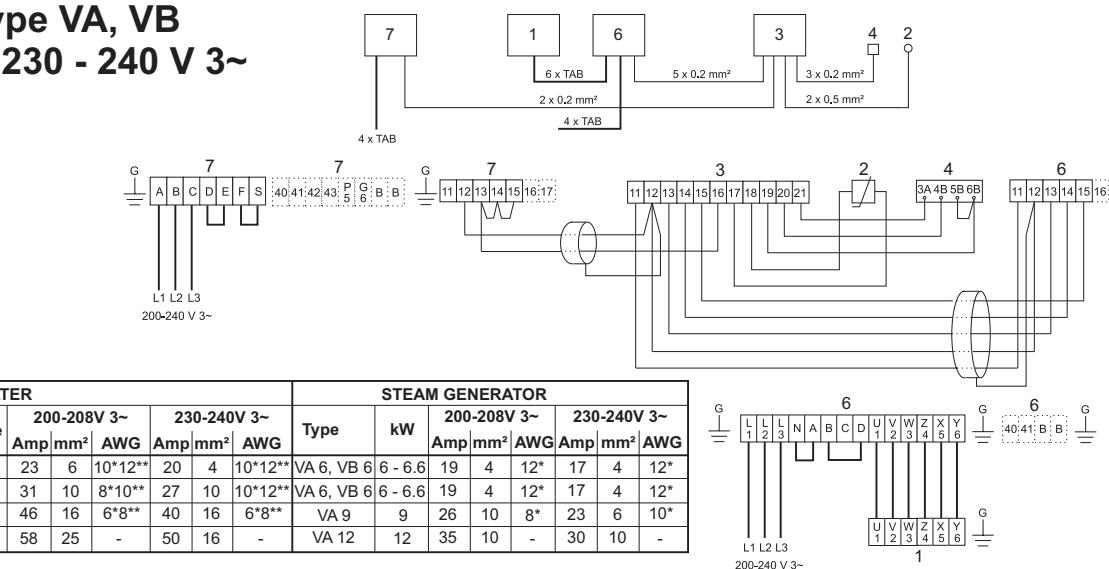


TAB

Room volume min/max m ³ (cu.m)	SAUNA HEATER					STEAM GENERATOR			
	Type	kW	RB-type	Amp	mm ²	Type	kW	Amp	mm ²
15 - 35	16 SD	16	RB 30	23	6	VA 9	9	13	2.5
22 - 43	20 SD	20	RB 60	29	10	VA 12	12	17	4

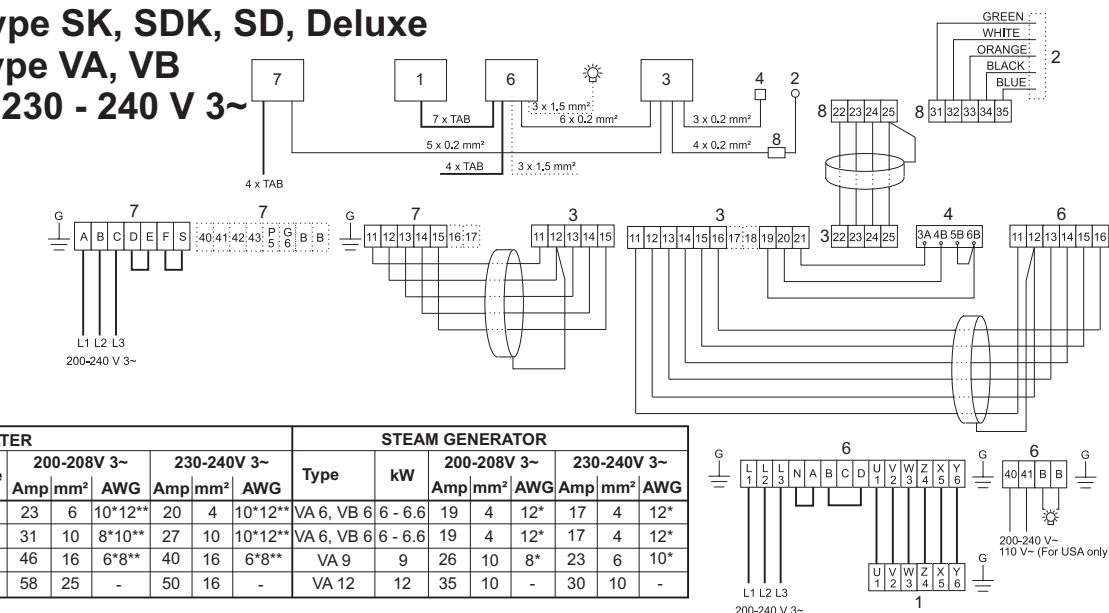
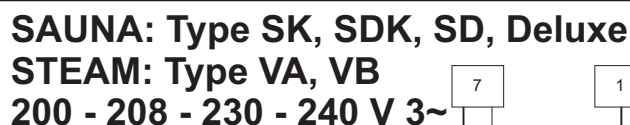


Room volume min/max m ³ (cu. m)	SAUNA HEATER					STEAM GENERATOR			
	Type	kW	RB-type	Amp	mm ²	Type	kW	Amp	mm ²
15 - 35	16 SD	16	RB 30	23	6	VA 9	9	13	2.5
22 - 43	20 SD	20	RB 60	29	10	VA 12	12	17	4



Room volume min/m ³ max m ³ (cu.m)	SAUNA HEATER								STEAM GENERATOR								
	Type	kW	RB-type	200-208V 3~		230-240V 3~		Type	kW	200-208V 3~		230-240V 3~					
				Amp/mm ²	AWG	Amp/mm ²	AWG			Amp/mm ²	AWG	Amp/mm ²	AWG				
6 - 12	8 SK, 8 Deluxe	8	RB 30	23	6	10*12**	20	4	10*12**	VA 6, VB 6	6 - 6.6	19	4	12*	17	4	12*
10 - 18	10 SDK, 10 Deluxe	10.7	RB 30	31	10	8*10**	27	10	10*12**	VA 6, VB 6	6 - 6.6	19	4	12*	17	4	12*
15 - 35	16 SD, 16 Deluxe	16	RB 60	46	16	6*8**	40	16	6*8**	VA 9	9	26	10	8*	23	6	10*
22 - 43	20 SD	20	RB 60	58	25	-	50	16	-	VA 12	12	35	10	-	30	10	-

For USA only:
Use copper wire for at least 90° C (194°F).
* Min. copper wire size, supply power - RB box.
** Min. copper wire size, RB box - heater.



Room volume min/m ax m ³ (cu.m)	SAUNA HEATER							STEAM GENERATOR								
	Type	kW	RB-type	200-208V 3~		230-240V 3~		Type	kW	200-208V 3~		230-240V 3~				
				amp/mm ²	AWG	amp/mm ²	AWG			amp/mm ²	AWG	amp/mm ²	AWG			
6 - 12	8 SK, 8 Deluxe	8	RB 30	23	6	10*12**	20	4	10*12**	VA 6, VB 6	6 - 6.6	19	4	12* 17	4	12*
10 - 18	10 SDK, 10 Deluxe	10.7	RB 30	31	10	8*10**	27	10	10*12**	VA 6, VB 6	6 - 6.6	19	4	12* 17	4	12*
15 - 35	16 SD, 16 Deluxe	16	RB 60	46	16	6*8**	40	16	6*8**	VA 9	9	26	10	8* 23	6	10*
22 - 43	20 SD	20	RB 60	58	25	-	50	16	-	VA 12	12	35	10	-	30	10

For USA only:
Use copper wire for at least 90° C (194°F).
* Min. copper wire size, supply power - RB box.
** Min. copper wire size, RB box - heater.

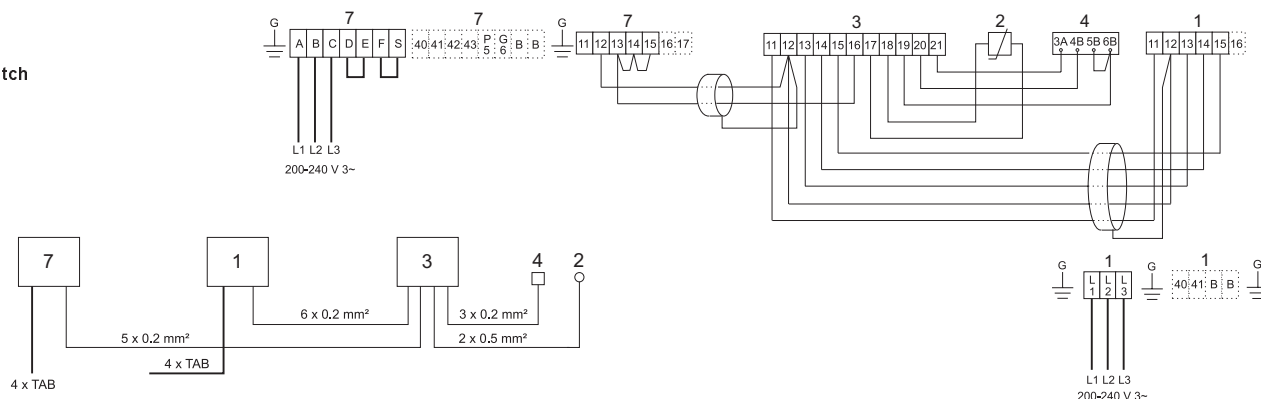


SAUNA: Type SE STEAM: Type VA, VB 200 - 208 - 230 - 240 V 3~

TAB

Room volume min/max m ³ (cu. m)	SAUNA HEATER						STEAM GENERATOR					
	Type	kW	200-208V 3~		230-240V 3~		Type	kW	200-208V 3~		230-240V 3~	
			Amp	mm ²	Amp	mm ²			Amp	mm ²	Amp	mm ²
6 - 12	8 SE	8	23	6	20	4	VA 6, VB 6	6 - 6.6	19	4	17	4

- 1 = 8SE
2 = sensor
3 = CC20
4 = external switch
7 = VA 6, VB 6

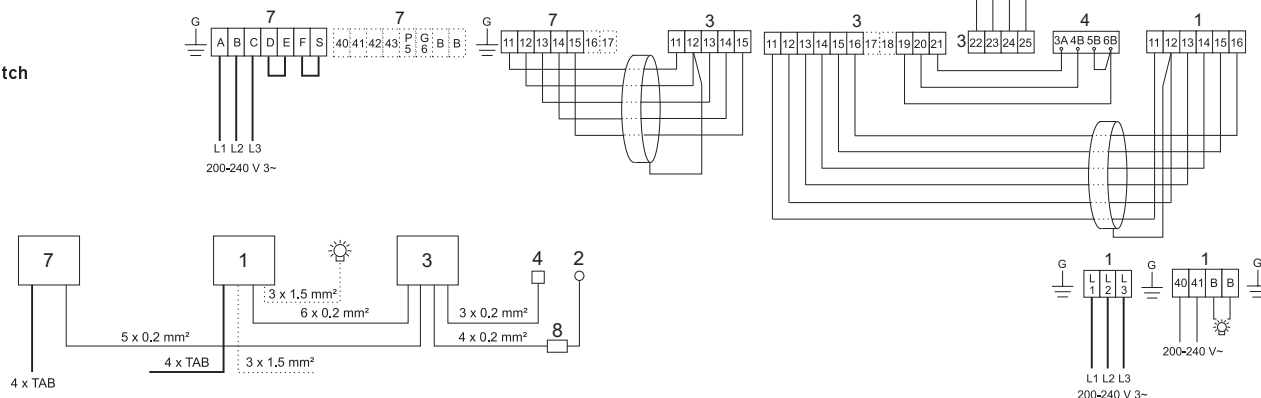


SAUNA: Type SE STEAM: Type VA, VB 200 - 208 - 230 - 240 V 3~

TAB

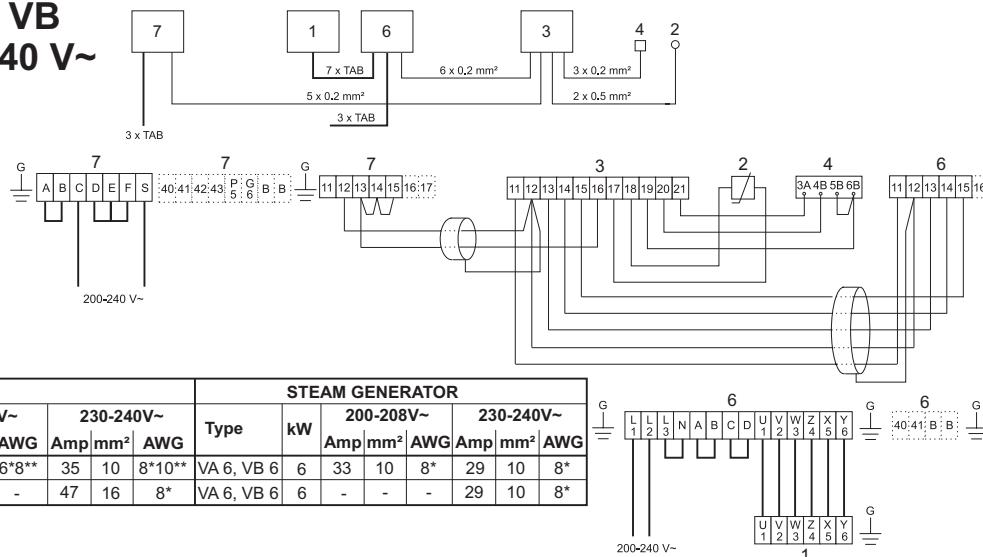
Room volume min/max m ³ (cu. m)	SAUNA HEATER						STEAM GENERATOR					
	Type	kW	200-208V 3~		230-240V 3~		Type	kW	200-208V 3~		230-240V 3~	
			Amp	mm ²	Amp	mm ²			Amp	mm ²	Amp	mm ²
6 - 12	8 SE	8	23	6	20	4	VA 6, VB 6	6 - 6.6	19	4	17	4

- 1 = 8SE
2 = sensor
3 = CC200
4 = external switch
7 = VA 6, VB 6
8 = amplifier



SAUNA: Type SK, SDK, Deluxe STEAM: Type VA, VB 200 - 208 - 230 - 240 V~

- 1 = 8 SK, 10 SDK, 8 Deluxe, 10 Deluxe
2 = sensor
3 = CC20
4 = external switch
6 = RB 30, RB 60
7 = VA 6, VB 6



TAB

Room volume min/max m ³ (cu. m)	SAUNA HEATER							STEAM GENERATOR									
	Type	kW	RB-type	200-208V~		230-240V~		Type	kW	200-208V~		230-240V~					
				Amp	mm ² AWG	Amp	mm ² AWG			Amp	mm ² AWG	Amp	mm ² AWG				
6 - 12	8 SK, 8 Deluxe	8	RB 30	40	16	6*8**	35	10	8*10**	VA 6, VB 6	6	33	10	8*	29	10	8*
10 - 18	10 SDK, 10 Deluxe	10.7	RB 30	-	-	-	47	16	8*	VA 6, VB 6	6	-	-	-	29	10	8*

For USA only:

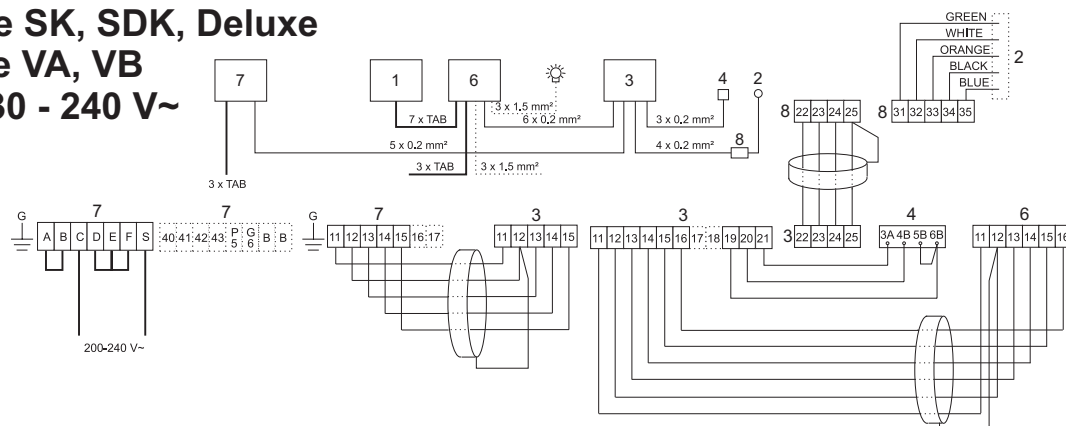
Use copper wire for at least 90° C (194°F).

* Min. copper wire size, supply power - RB box.

** Min. copper wire size, RB box - heater.

SAUNA: Type SK, SDK, Deluxe
STEAM: Type VA, VB
200 - 208 - 230 - 240 V~

1 = 8 SK, 10 SDK, 8 Deluxe, 10 Deluxe
2 = sensor
3 = CC200
4 = external switch
6 = RB 30, RB 60
7 = VA 6, VB 6
8 = amplifier



TAB

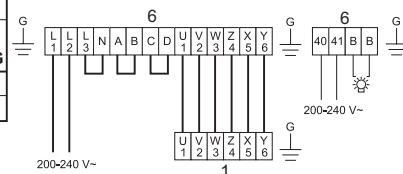
Room volume min/max m ³ (cu. m)	SAUNA HEATER										STEAM GENERATOR									
	Type		kW	RB-type	200-208V~			230-240V~			Type	kW	200-208V~			230-240V~				
					Amp	mm ²	AWG	Amp	mm ²	AWG			Amp	mm ²	AWG	Amp	mm ²	AWG		
6 - 12	8 SK, 8 Deluxe		8	RB 30	40	16	6*8**	35	10	8*10**	VA 6, VB 6	6	33	10	8*	29	10	8*		
10 - 18	10 SDK	10 Deluxe	10.7	RB 30	-	-	-	47	16	8*	VA 6, VB 6	6	-	-	-	29	10	8*		

For USA only:

Use copper wire for at least 90° C (194°F).

* Min. copper wire size, supply power - RB box.

** Min. copper wire size, RB box - heater.

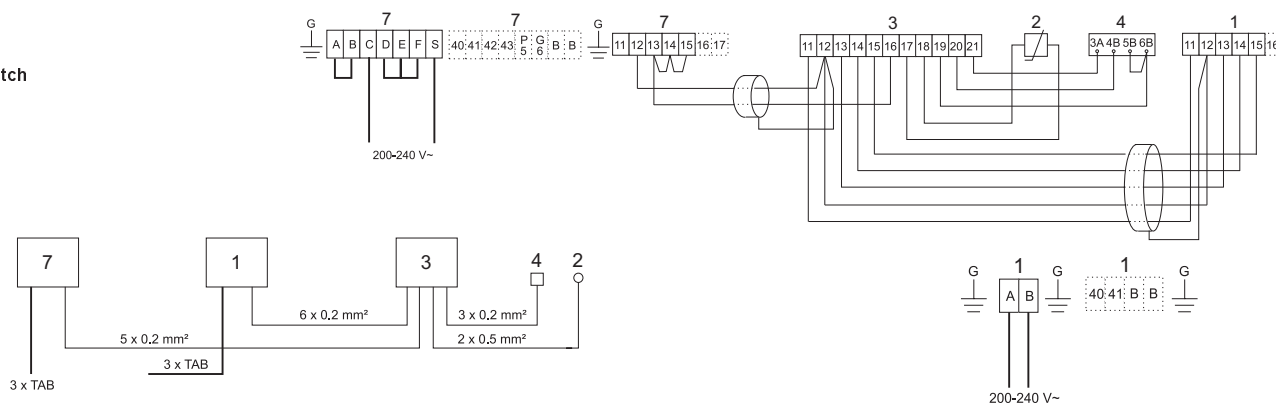


SAUNA: Type SE
STEAM: Type VA, VB
200 - 208 - 230 - 240 V~

TAB

Room volume min/max m³ (cu.m)	SAUNA HEATER						STEAM GENERATOR					
	Type	kW	200-208V 3~ Amp mm²		230-240V 3~ Amp mm²		Type	kW	200-208V 3~ Amp mm²		230-240V 3~ Amp mm²	
6 - 12	8 SE	8	40	16	35	10	VA 6. VB 6	6 - 6.6	33	10	29	10

1 = 8SE
2 = sensor
3 = CC20
4 = external switch
7 = VA 6, VB 6

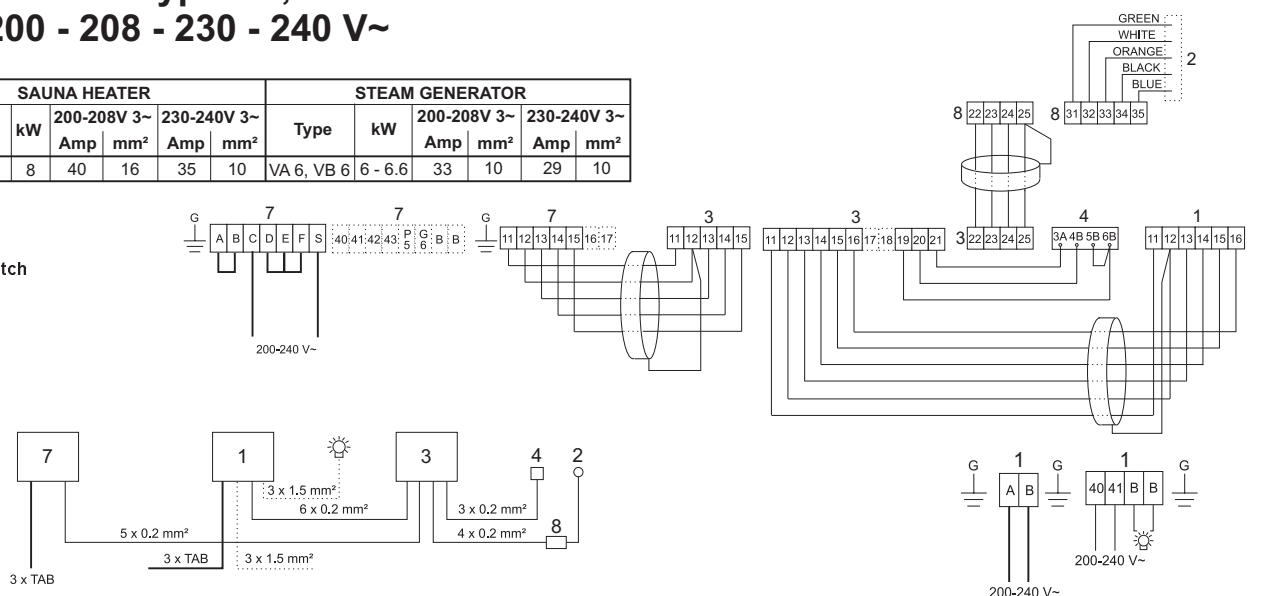


SAUNA: Type SE
STEAM: Type VA, VB
200 - 208 - 230 - 240 V~

TAB

Room volume min/max m³ (cu.m)	SAUNA HEATER						STEAM GENERATOR					
	Type	kW	200-208V 3~		230-240V 3~		Type	kW	200-208V 3~		230-240V 3~	
			Amp	mm²	Amp	mm²			Amp	mm²	Amp	mm²
6 - 12	8 SE	8	40	16	35	10	VA 6. VB 6	6 - 6.6	33	10	29	10

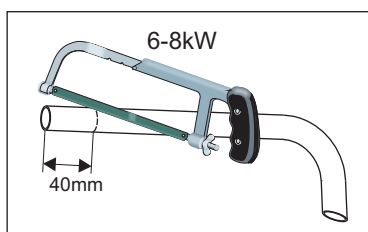
1 = 8SE
2 = sensor
3 = CC200
4 = external switch
7 = VA 6, VB 6
8 = amplifier



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.



Ångmunstycke Tylarium™
 Steam head Tylarium™
 Dampfdüse Tylarium™
 L'embout de vapeur Tylarium™
 Dampmunstykket Tylarium™
 Höryrsuutin asennetaan Tylarium™
 Stoominlaat Tylarium™
 Dampmundstykket Tylarium™
 Bocchettone di vapore Tylarium™
 Boquilla de vapor Tylarium™
 Cabeça de vapor Tylarium™
 Паровое сопло Tylarium™

Ångrör Ø15mm
 Steam pipe Ø15mm
 Tubo de vapor Ø15mm
 Dampfrohr Ø15mm
 conduit de vapeur Ø15mm
 Steamrør Ø15mm
 Höryrputki Ø15mm
 Stoompijp Ø15mm
 Damprør Ø15mm
 tubo del vapore Ø15mm
 tubería de vapor Ø15mm
 Tubo de vapor Ø15mm
 Паровая труба Ø15mm

