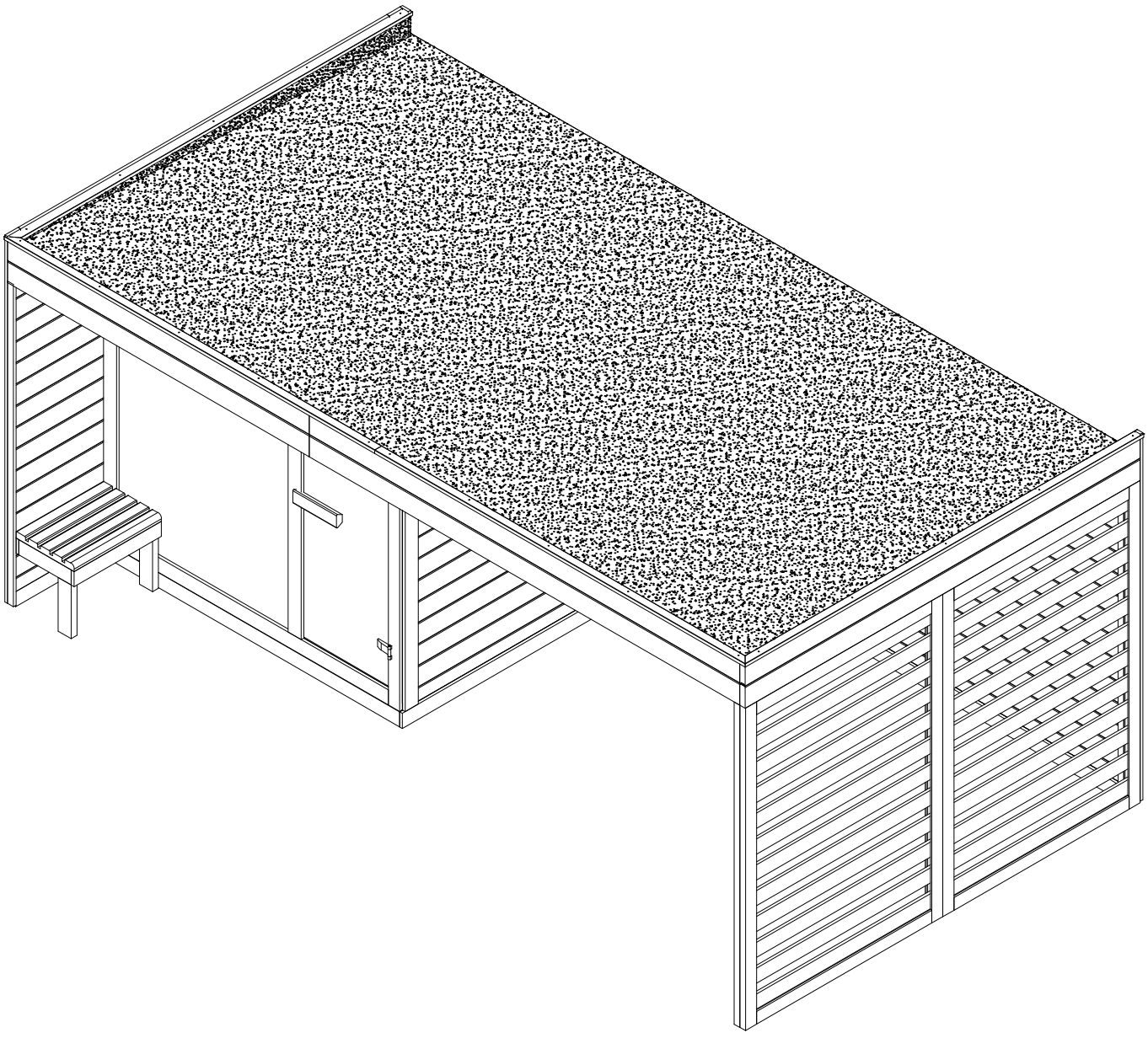
User's manual

EN



Sauna House 510

PREFACE

Thank you very much for purchasing our product.

Please read this manual carefully before assembling and save it afterwards. Please write down the control box serial number of the cabin as this number will be required in case of repair or order of spare parts.

ATTENTION

Installation and repair should only be done by a qualified electrician!

Check power supply rating and make sure the grounded outlet is correctly connected before installation.

Use original parts only. Do not share the outlet with any other appliances.

When not in use, turn off the cabin's power unit.

Locate your sauna outdoor and on a flat, level and dry surface.

DANGER

Covering the heaters causes a fire hazard due to overheating. Do not cover the heaters !

Keep flammable or easily combustible materials/objects (eg.towels) away from the heater at all times.

Do not touch the heater during and shortly after use as a burning hazard exists due to hot parts.

The light bulb heats in use. If the bulb needs to be changed, unplug the cabin and let the bulb cool down before changing it.

Should the electrical connection get damaged, it must be replaced-either by the manufacturer or by a licensed electrician!

WARNING

If you suffer from illness or other health-related problems, especially heart conditions or circulatory disturbances or if you take medication, you should consult a doctor before using the Sauna.

Children and frail persons should never be in the cabin without supervision.

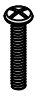
If you feel uncomfortable while using the Sauna, stop immediately and consult with your doctor.

Never go to a hot Sauna if you have taken alcohol, strong medicines or narcotics.

Technical data

Model		Sauna House 510
Cabin material		Thermo Spruce Wood
Width		5100mm
Depth		2700mm
Height		2200mm
Voltage		380volt
Radiators	Type	Sauna stove
	Total output	9KW

Hardware parts (variations possible)

										
Ø3x16	Ø4x70	Ø4x60	Ø4x50	Ø4x40	Ø4x30	Ø4x12	Ø6x50	power line	SWPA	Ø53
40x	205x	160x	20x	91x	20x	25x	2x	1x	1x	1x

			
65*15*2	43*19*5.5	Wood pad	6.4MM
1x	12x	3x	5x

ASSEMBLE INSTRUCTIONS

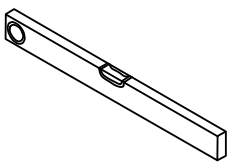
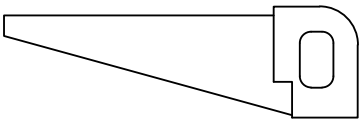
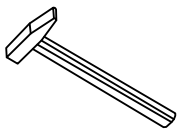
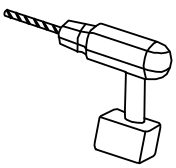
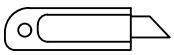
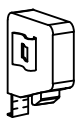
Assemble tips

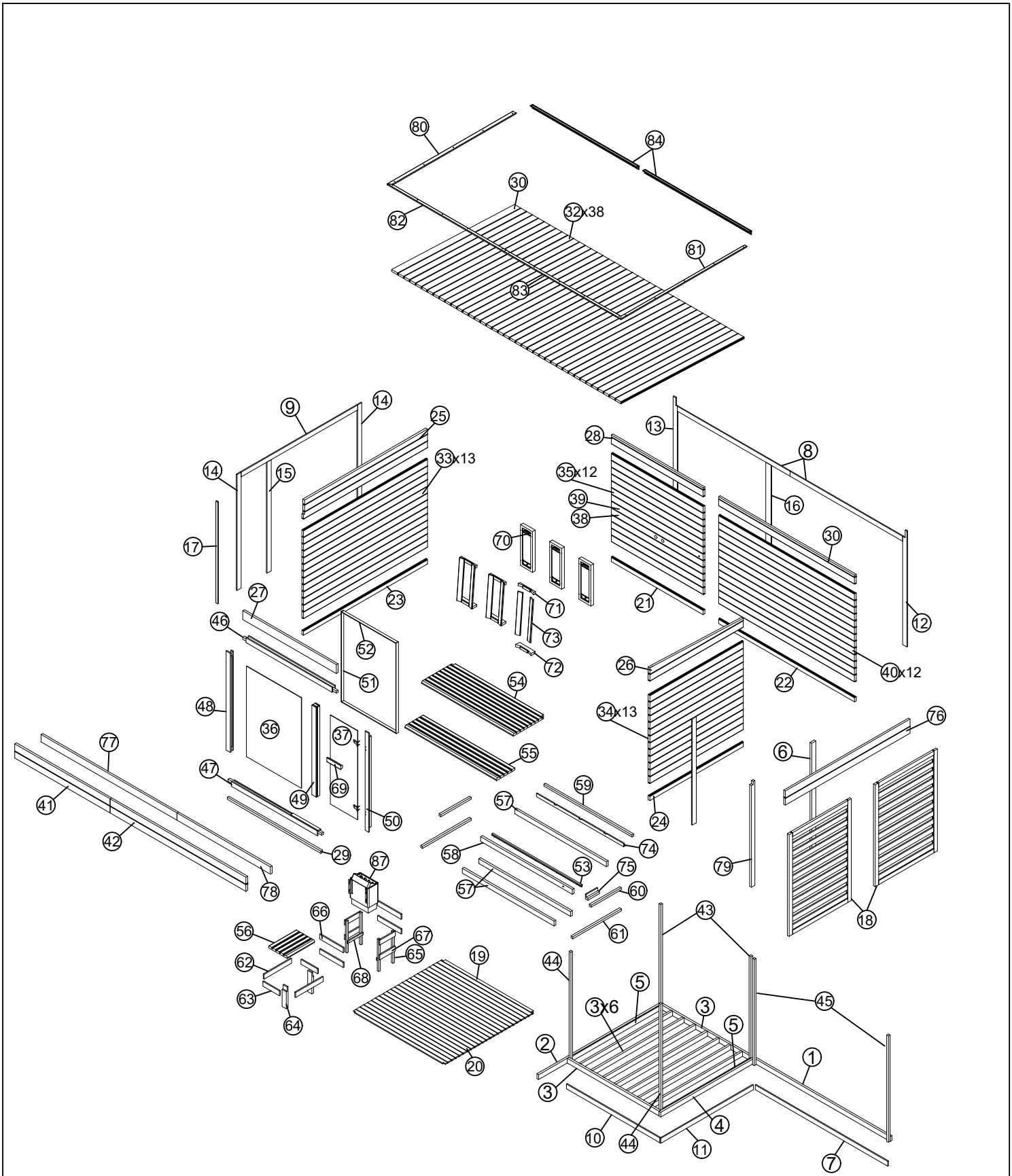
1.Please remove transport packaging and inspect that your sauna room has been delivered complete and intact before beginning assemble.

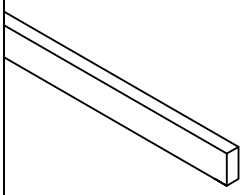
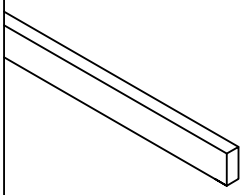
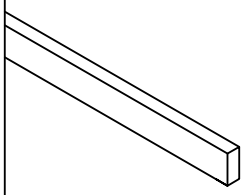
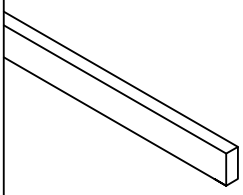
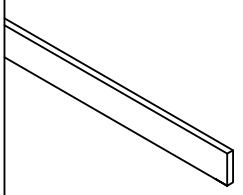
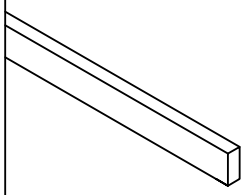
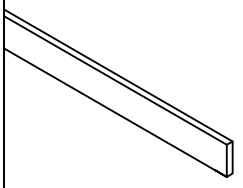
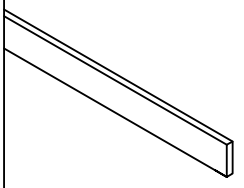
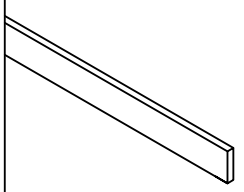
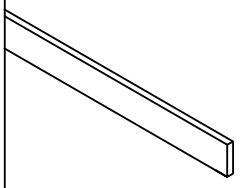
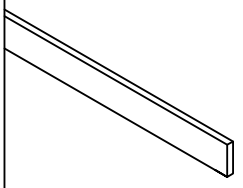
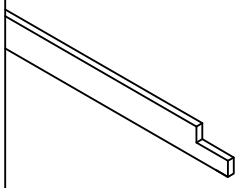
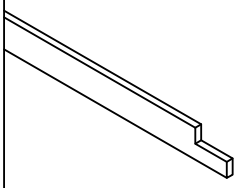
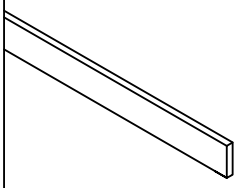
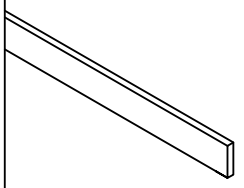
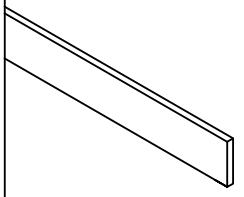
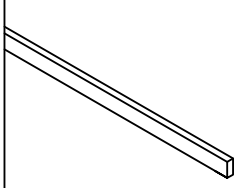
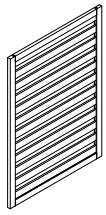
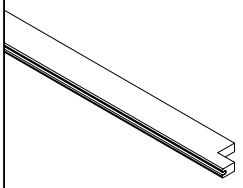
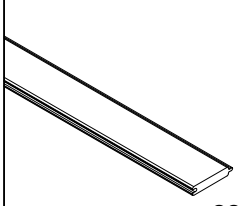
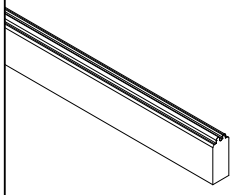
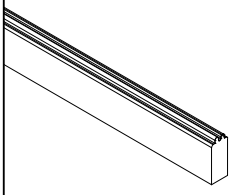
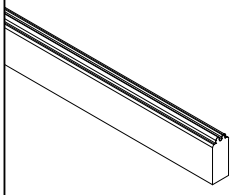
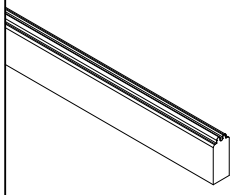
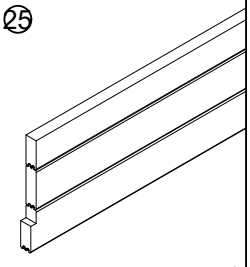
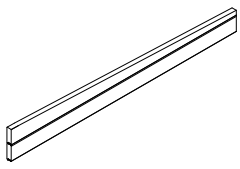
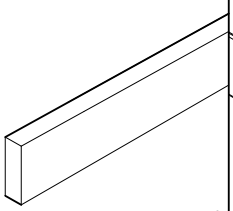
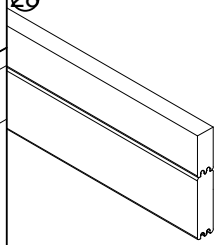
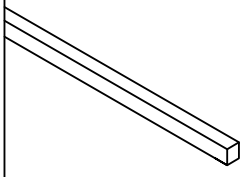
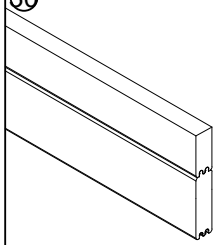
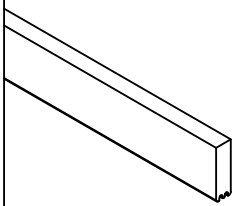
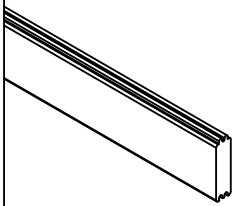
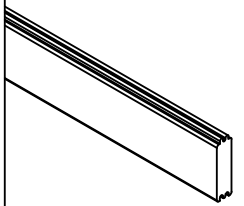
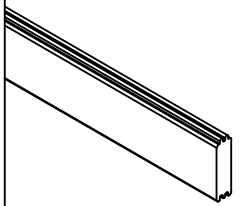
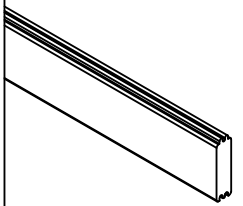
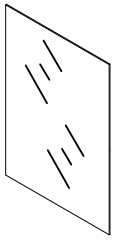
2.At least 2 persons are required for assemble of the room.

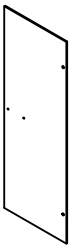
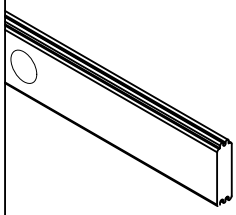
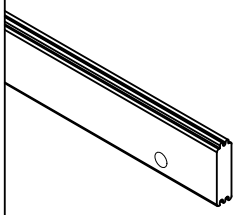
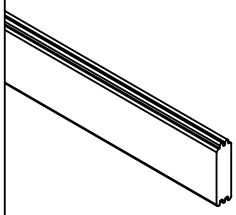
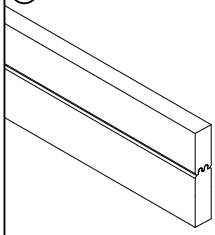
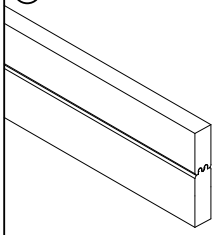
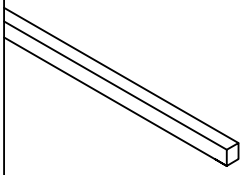
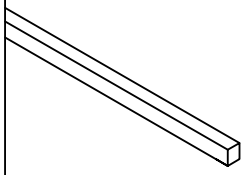
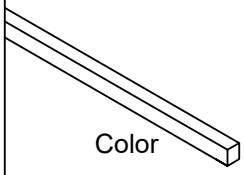
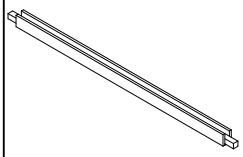
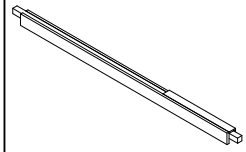
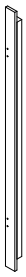
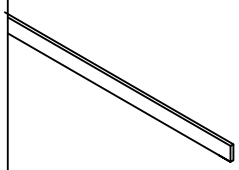
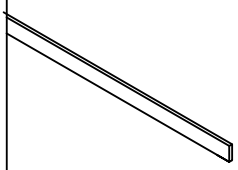
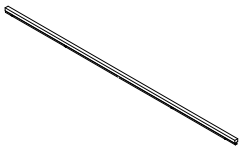
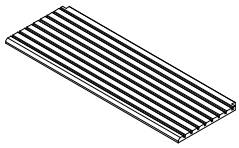
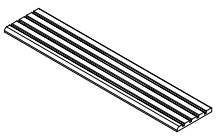
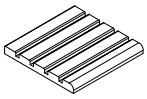
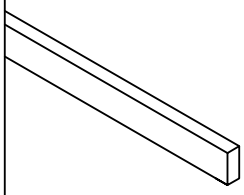
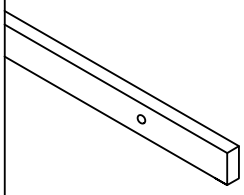
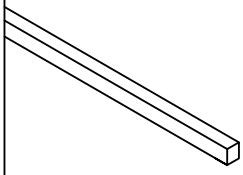
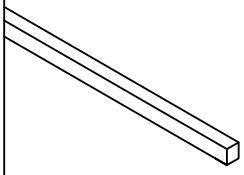
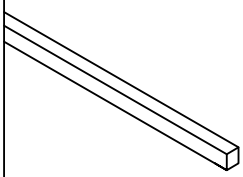
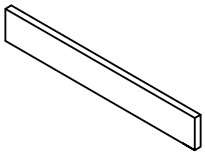
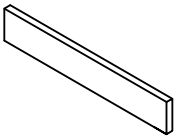
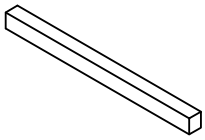
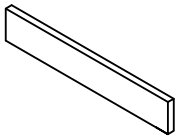
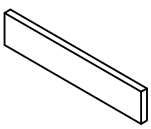
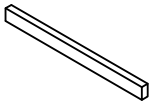
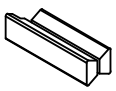
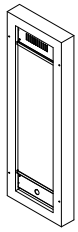
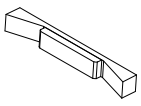
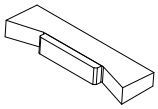
3.Please check the countersink and hole diameter of the drill holes to avoid damaging the wood.

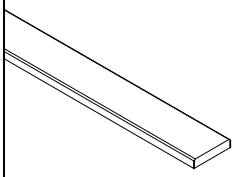
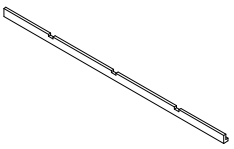
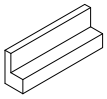
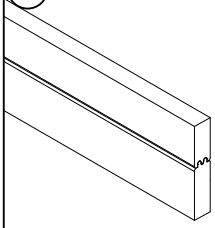
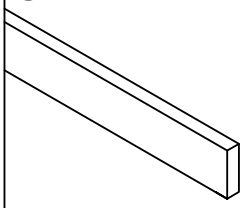
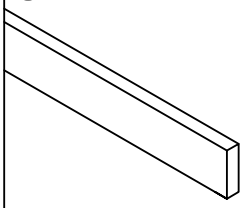
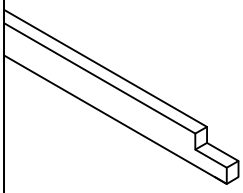
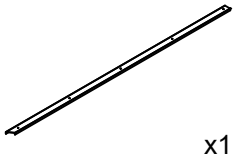
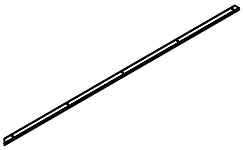
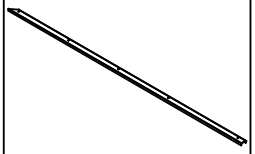
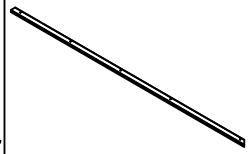
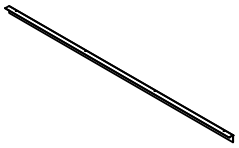
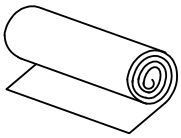
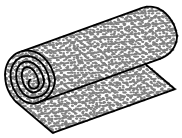
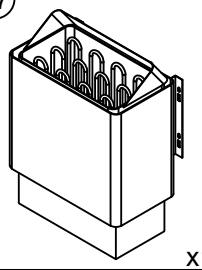
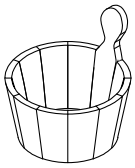
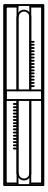
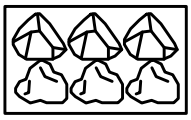
Tools

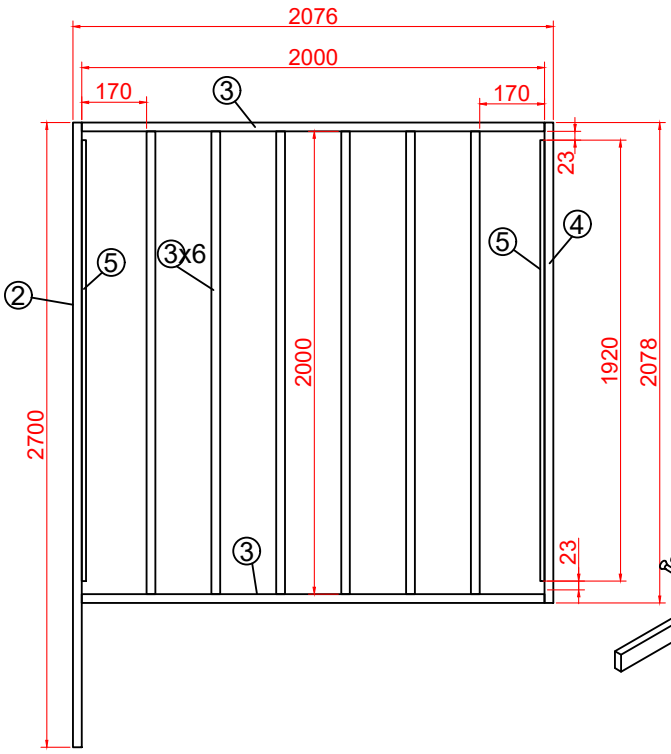








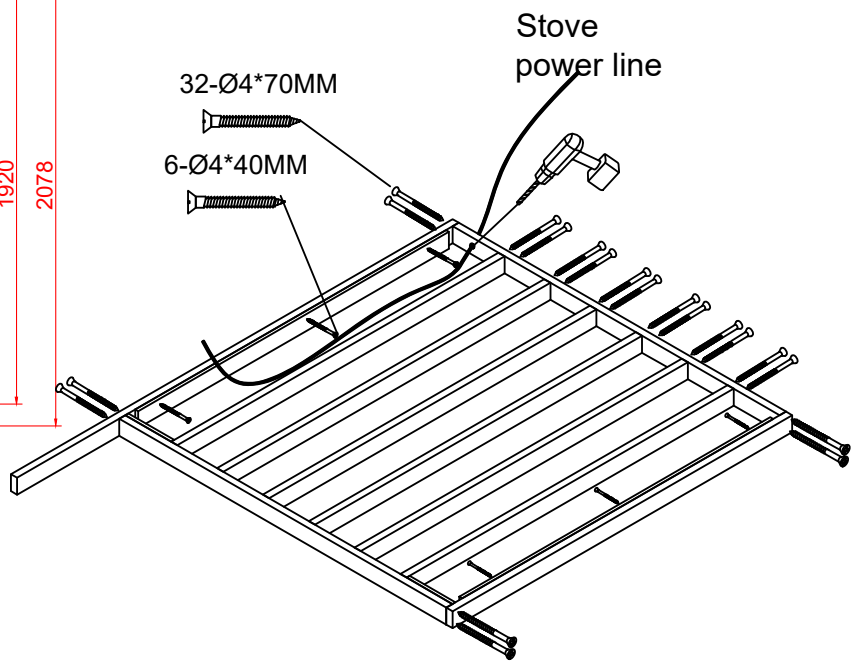

80
84
30
82
32x38
81
83
9
14
25
33x13
14
15
17
23
27
46
52
51
48
36
37
47
49
69
50
29
77
41
42
78
87
66
56
67
62
65
68
63
64
19
20
70
71
73
72
54
55
59
57
74
58
53
75
57
60
61
13
28
8
35x12
39
38
16
30
21
12
26
40x12
22
34x13
24
76
6
79
18
43
44
5
3x6
3
5
45
2
1
3
4
10
44
11
7

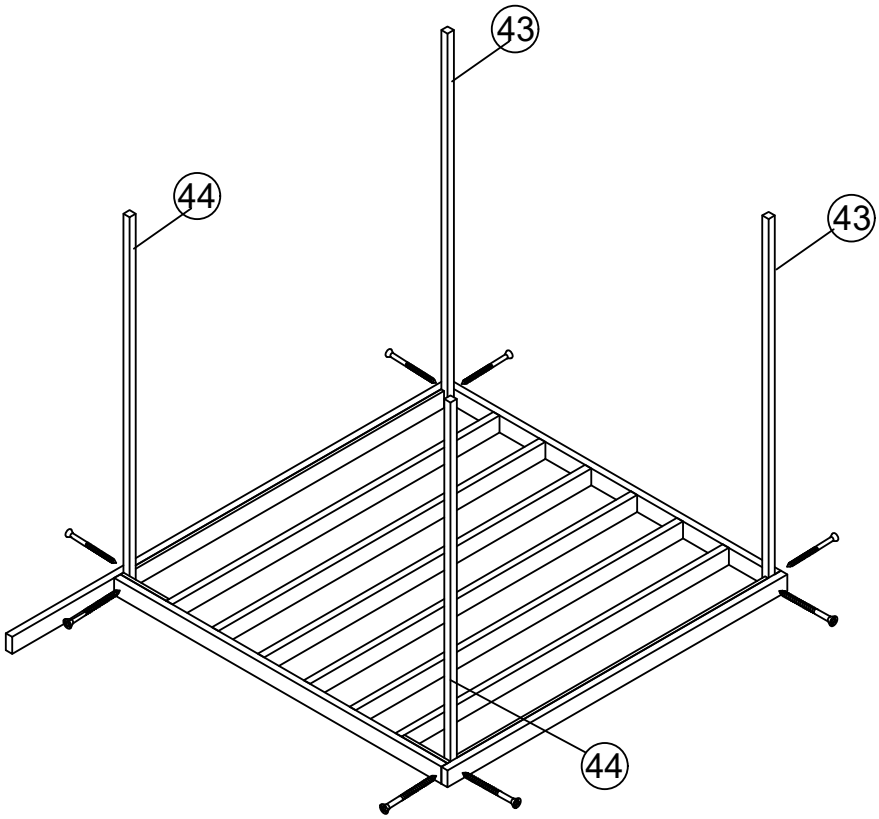
①  x1	②  x1	③  x8	④  x1	⑤  x2	⑥  x1
2962*90*38	2700*90*38	2000*90*38	2078*90*38	1920*90*18	2080*90*38
⑦  x1	⑧  x2	⑨  x1	⑩  x1	⑪  x2	⑫  x1
2886*90*18	2457*90*18	2538*90*18	2038*90*18	2020*90*18	2210*90*18
⑬  x1	⑭  x2	⑮  x1	⑯  x1	⑰  x1	⑱  x2
2210*90*18	2210*90*18	2120*90*18	1974*114*18	1942*40*18	1930*1358*38
⑲  x1	⑳  x22	㉑  x1	㉒  x1	㉓  x1	㉔  x1
1998*72*18	1998*94*18	2000*91*38	2692*91*38	2700*91*38	2038*91*38
㉕  x1	㉖  x1	㉗  x1	㉘  x1	㉙  x1	㉚  x1
2700*353*38	2038*254*38	2038*168*38	2000*171*38	2038*42*38	2962*171*38
㉛  x1	㉜  x38	㉝  x13	㉞  x13	㉟  x12	㊱  x1
2680*130*38	2680*138*38	2700*138*38	2038*138*38	2000*138*38	1707*1198*8

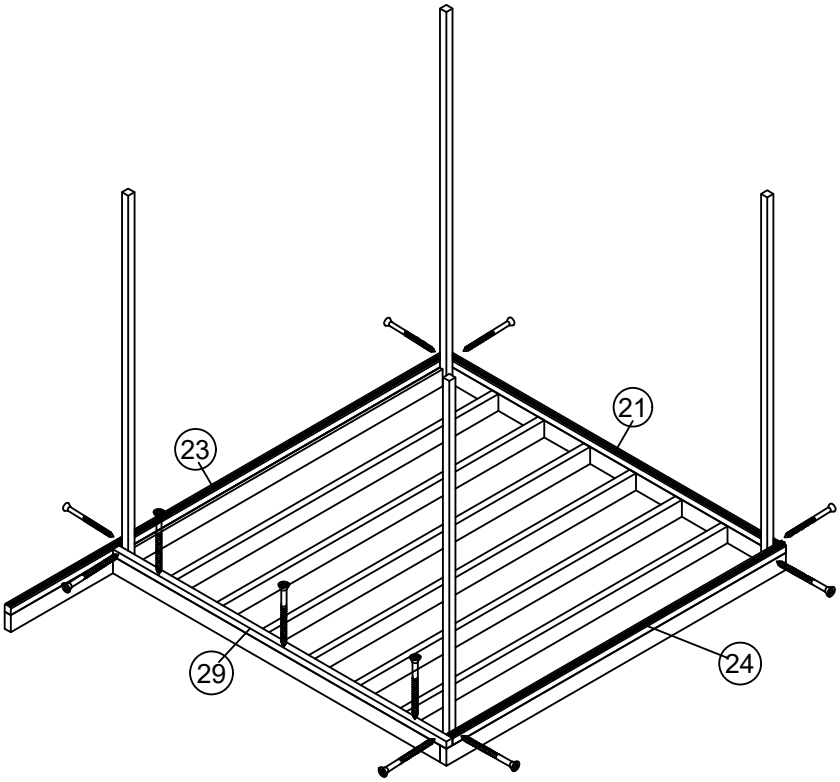
37  x1	38  x1	39  x1	40  x13	41  x1	42  x1
1680*595*8	2000*138*38	2000*138*38	2962*138*38	2076*266*38	2962*266*38
43  x2	44  x2	45  Color x1	46  x1	47  x1	48  x1
2030*38*38	2120*38*38	2030*38*38	2308*90*76	2308*90*76	1870*90*76
49  x1	50  x1	51  x2	52  x2	53  x1	54  x1
1710*90*76	1870*90*76	1710*48*10	1181*48*10	1900*25*20	1997*700*38
55  x1	56  x1	57  x3	58  x1	59  x1	60  x2
1997*400*38	400*400*38	1998*90*38	1998*90*38	1920*38*38	1060*38*38
61  x2	62  x2	63  x2	64  x2	65  x4	66  x4
660*38*38	600*90*20	360*90*20	400*90*38	600*33*33	520*90*18
67  x4	68  x2	69  x2	70  x3	71  x3	72  x3
360*90*18	360*90*18	300*90*40	770*262*60	338*40*40	338*90*40

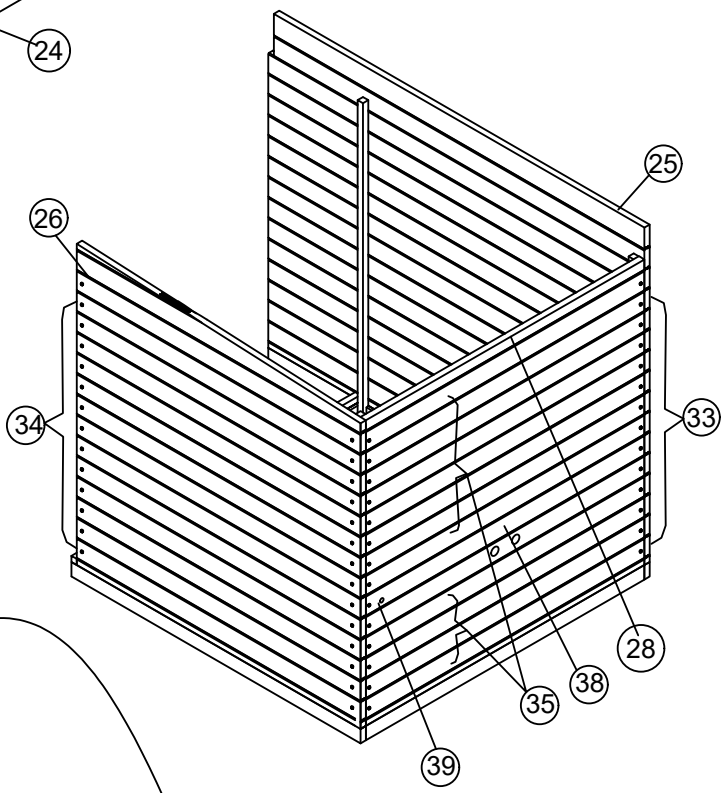
73  x6	74  x1	75  x1	76  x1	77  x1	78  x1
780*90*18	1900*60*38	200*90*56	2718*266*38	2962*138*38	2036*138*38
79  x1	80  x1	81  x1	82  x1	83  x1	84  x2
2000*76*38	2743*67*20	2743*49*20	2549*49*20	2549*49*20	2500*61*41
85  x2	86  x2	87  x1	88  x1	89  x1	90  x1
Water proof cover	Asphalt shingle	sauna stove	bucket	ladle	thermometer
91  x1	92  x1				
hourglass	sauna stones				


2076
2000
170
170
③
23
⑤
④
⑤
3x6
②
2000
1920
2078
2700
③
23

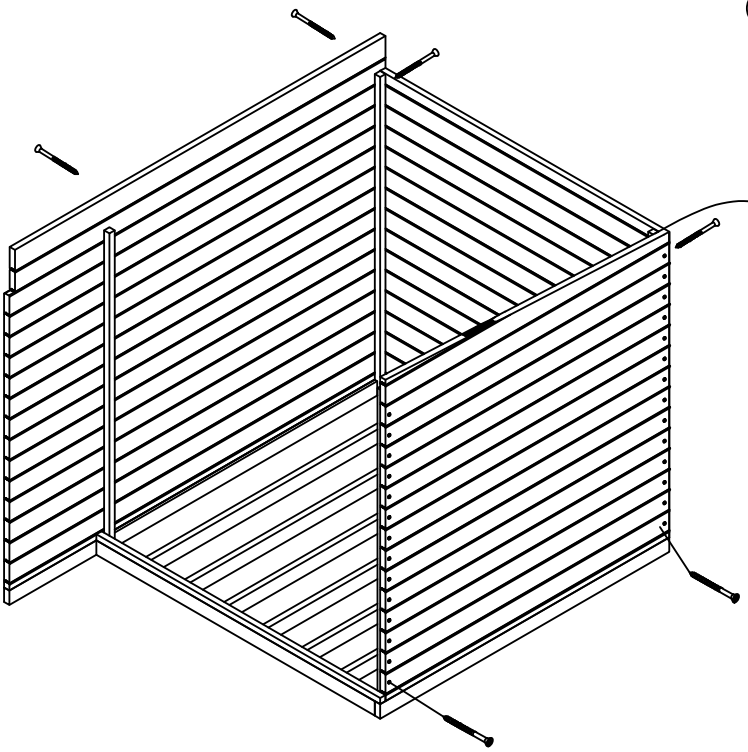

Stove
power line
32-Ø4*70MM
6-Ø4*40MM

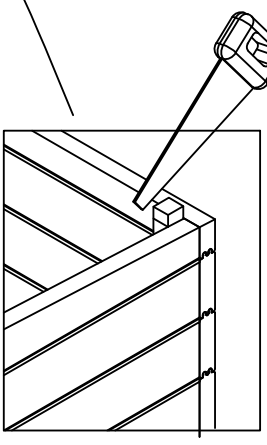

43
44
43
44

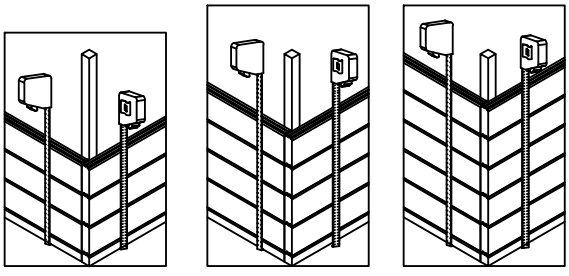


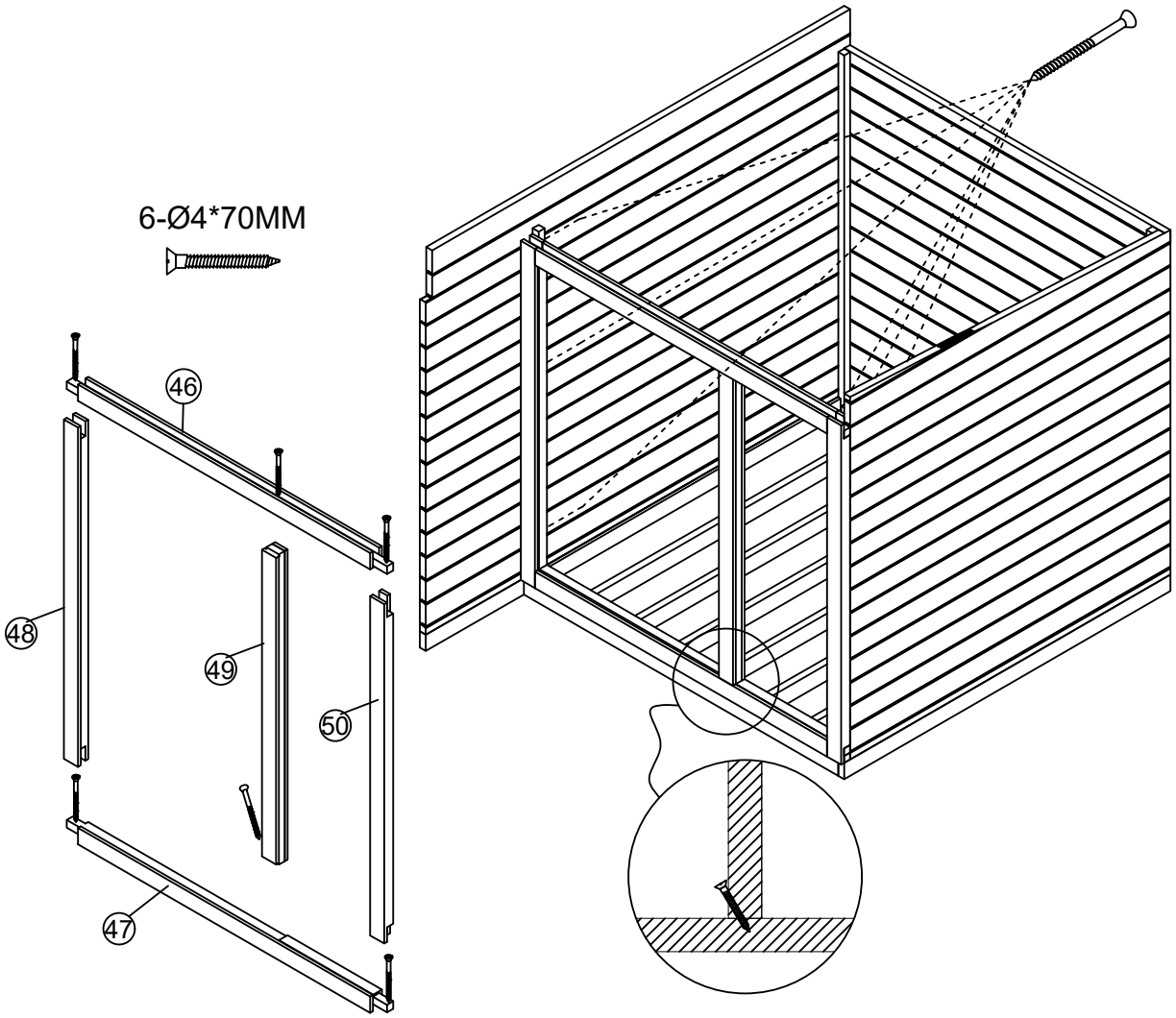


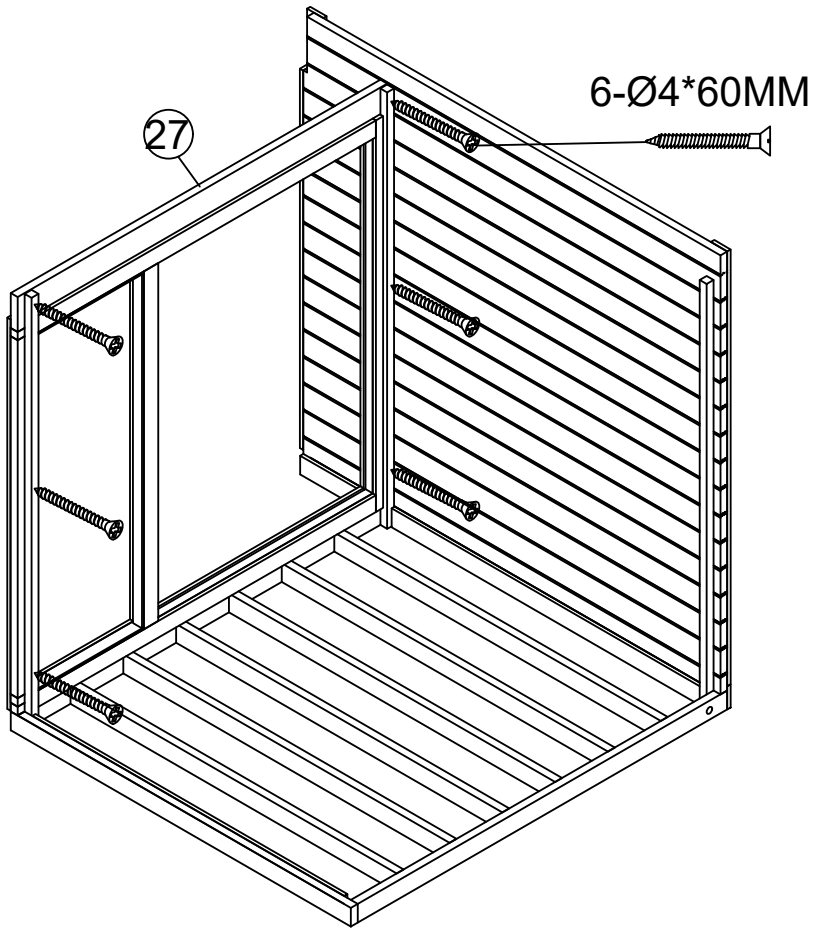
90-Ø4*60MM

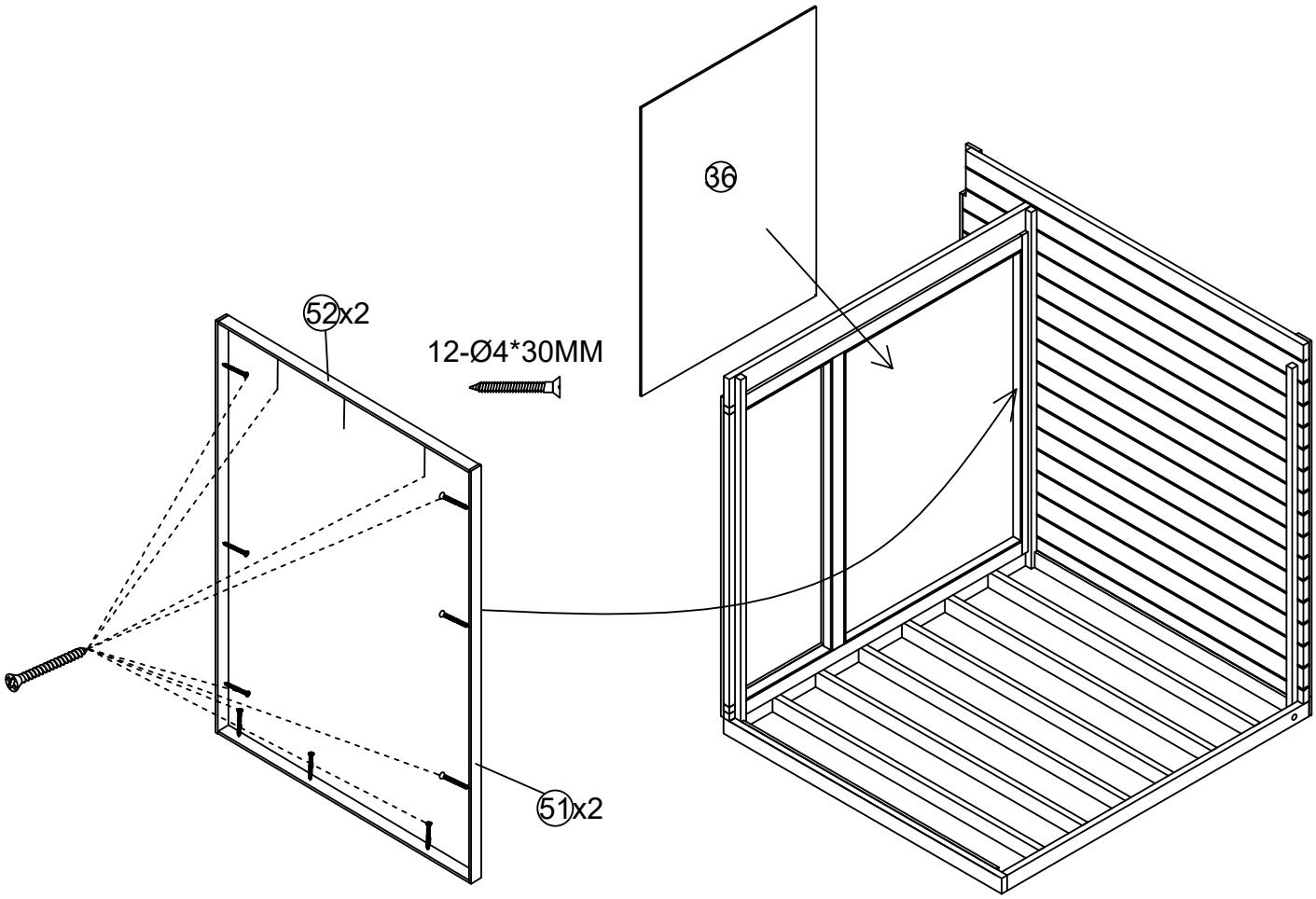


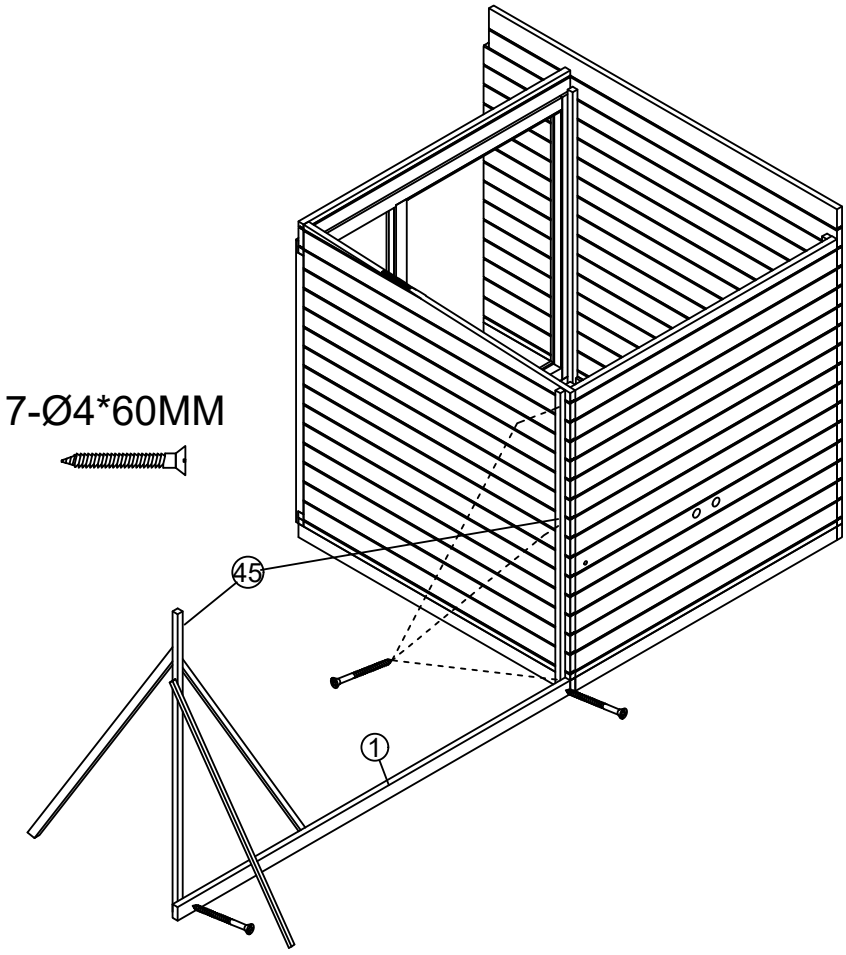


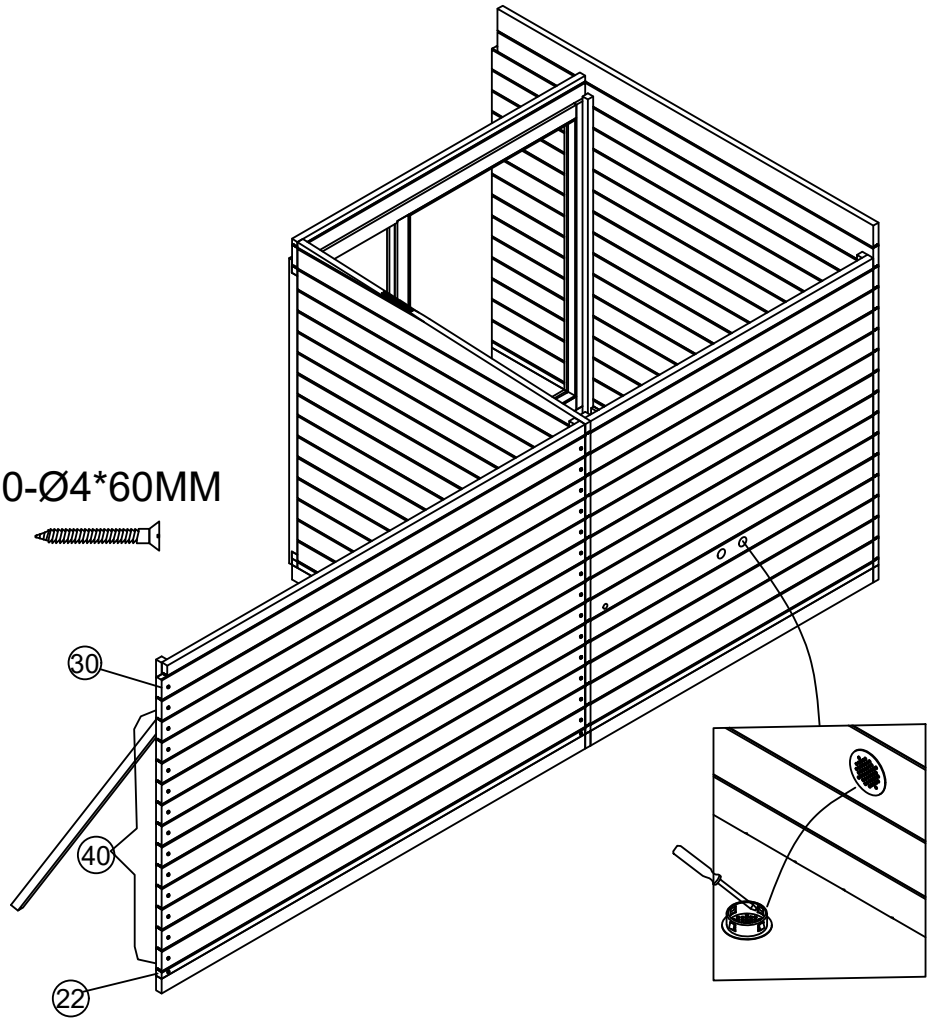


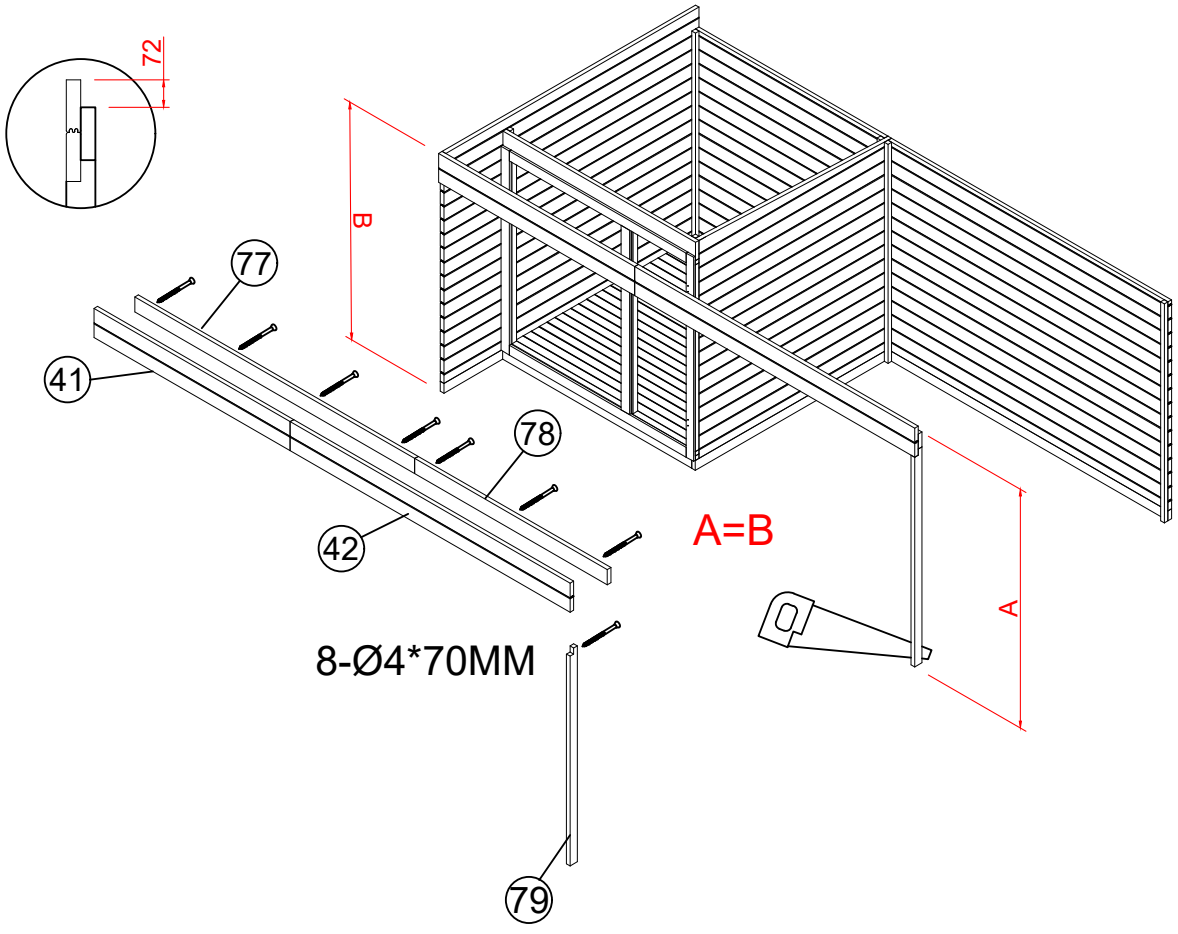

6-Ø4*70MM
46
48
49
50
47

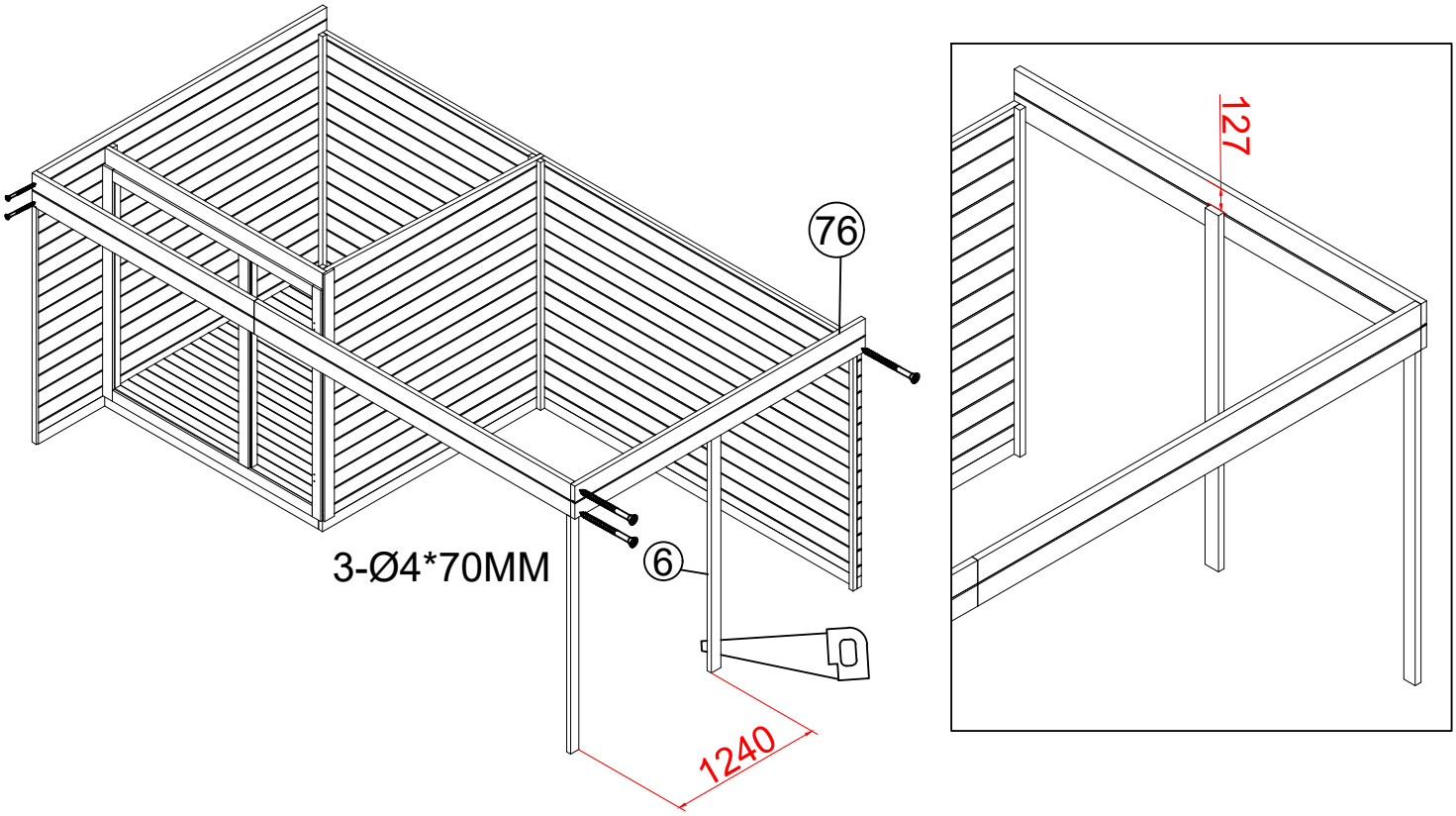

6-Ø4*60MM
27

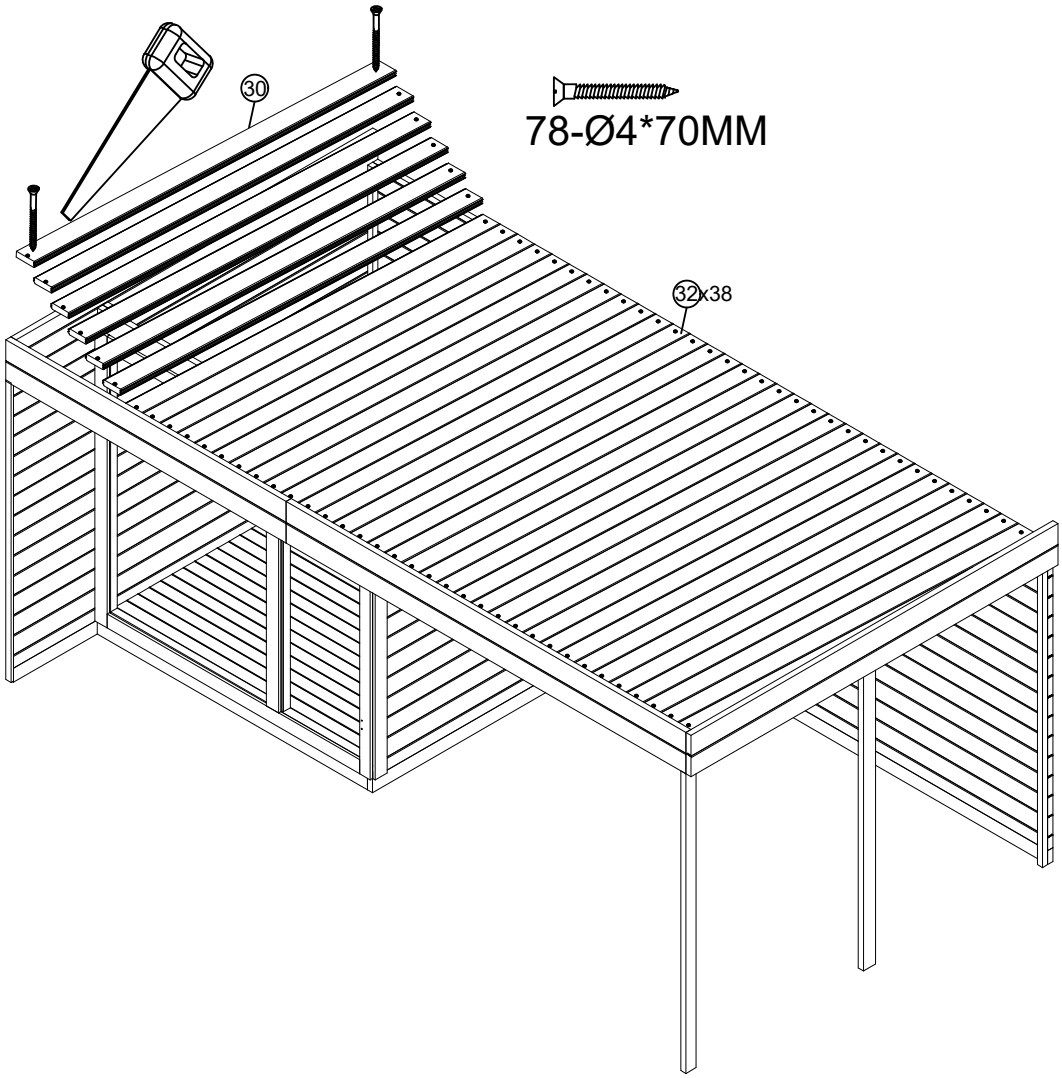

36
52x2
12-Ø4*30MM
51x2

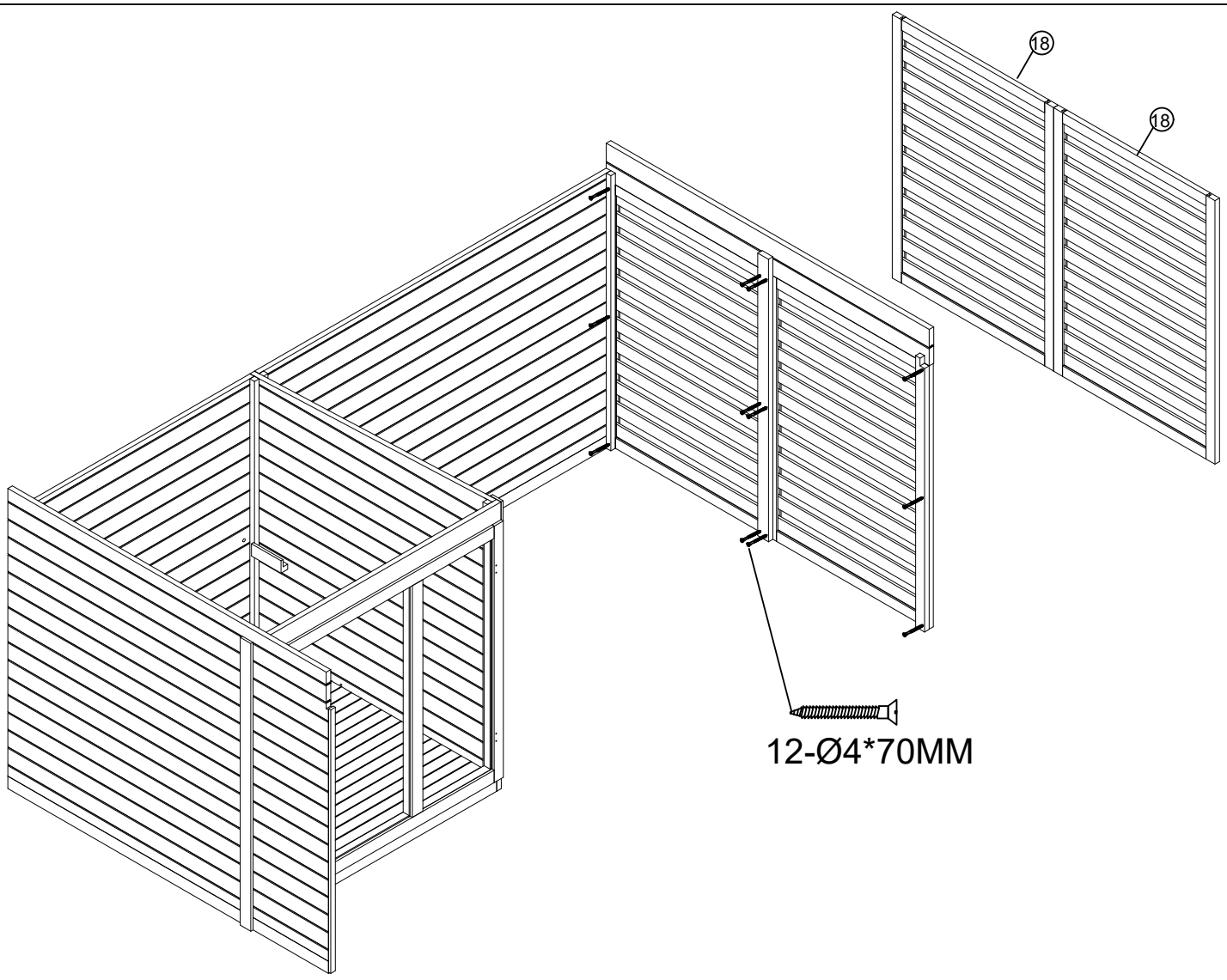

7-Ø4*60MM
45
1

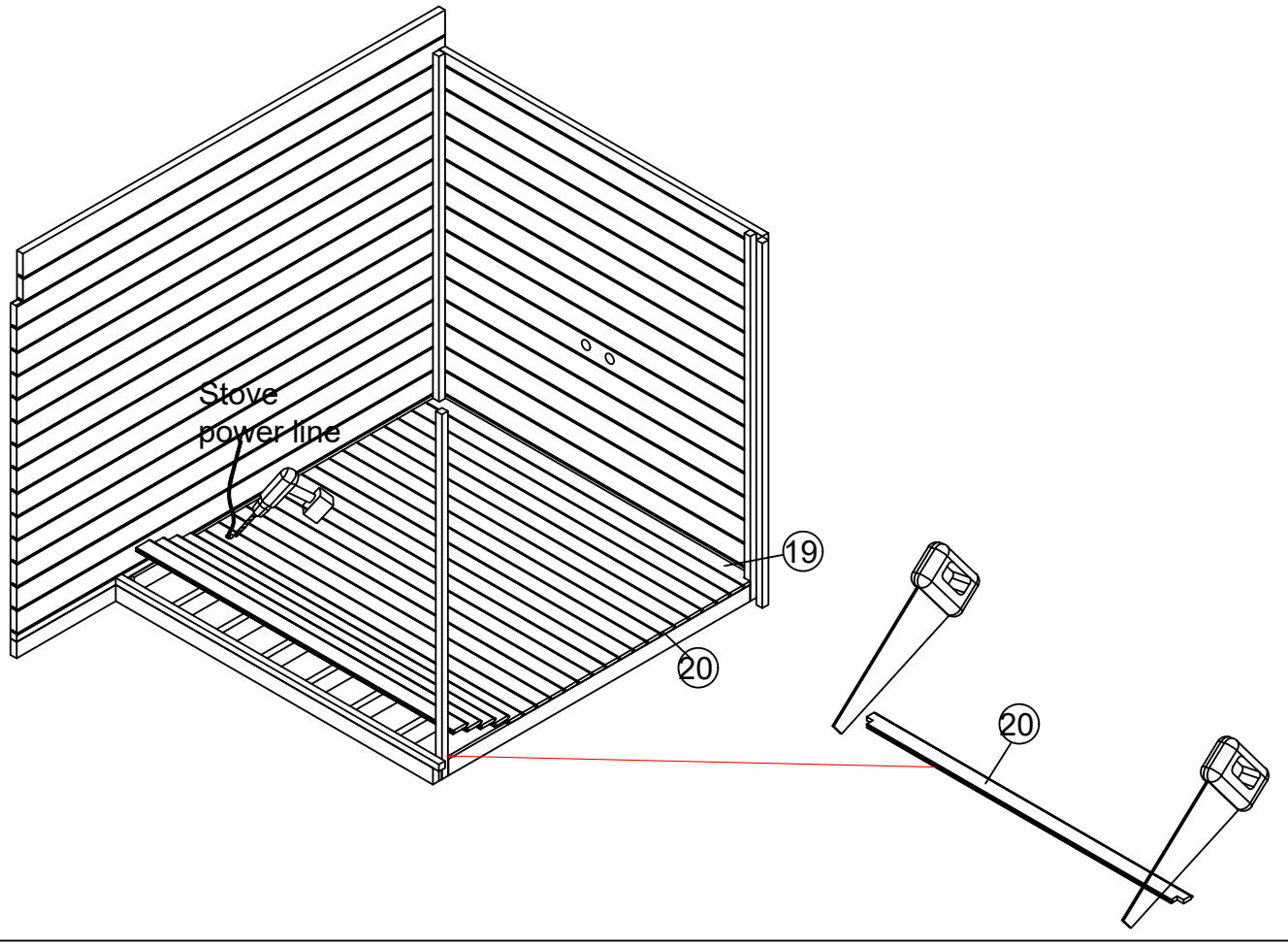

30-Ø4*60MM
30
40
22

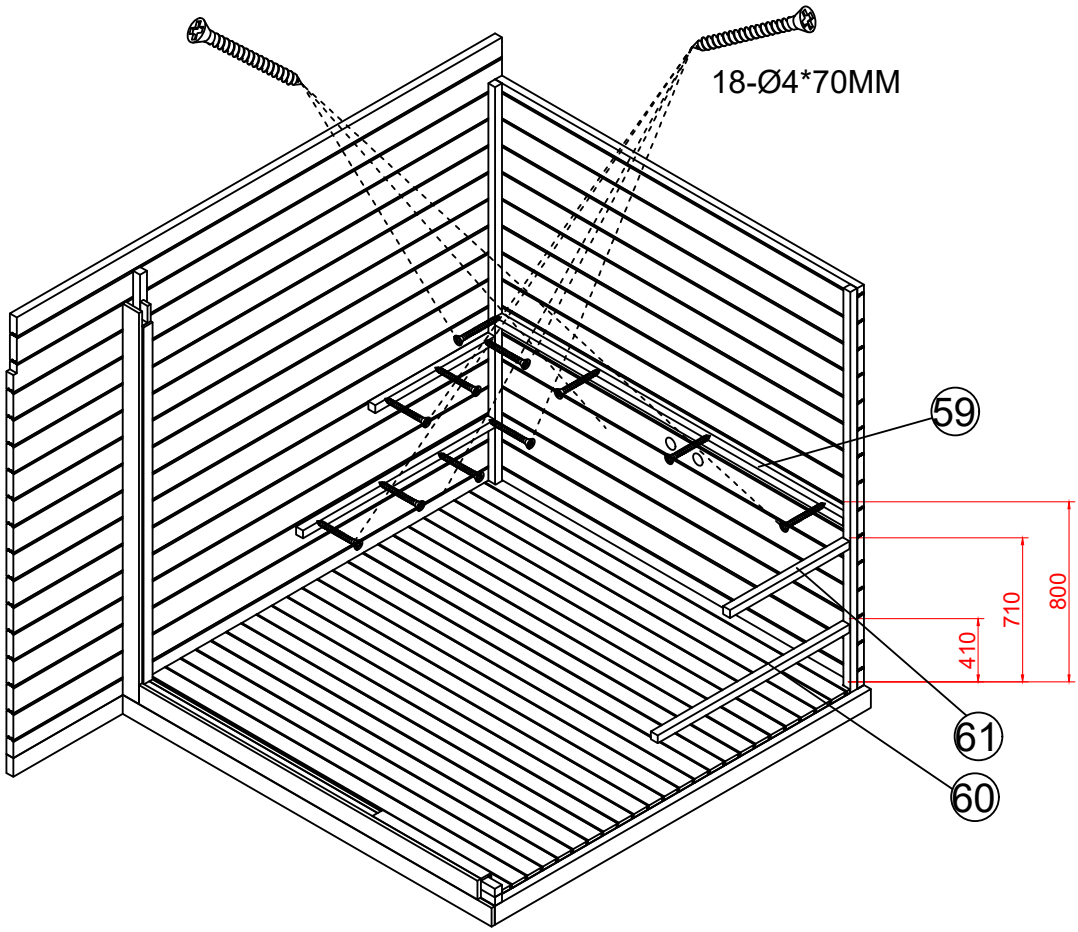

72
B
77
41
78
42
A=B
A
8-Ø4*70MM
79

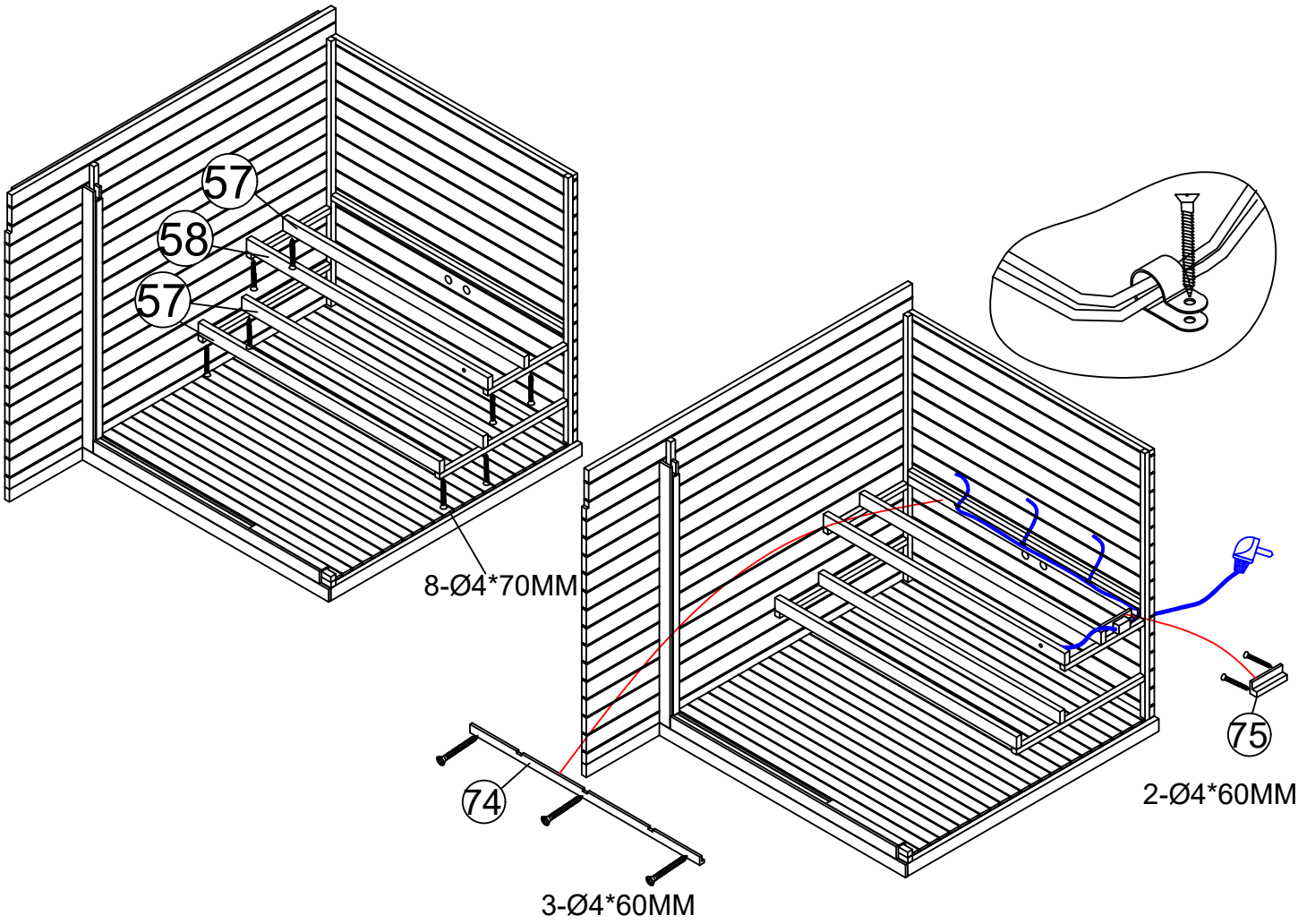

76
3-Ø4*70MM
6
1240
127

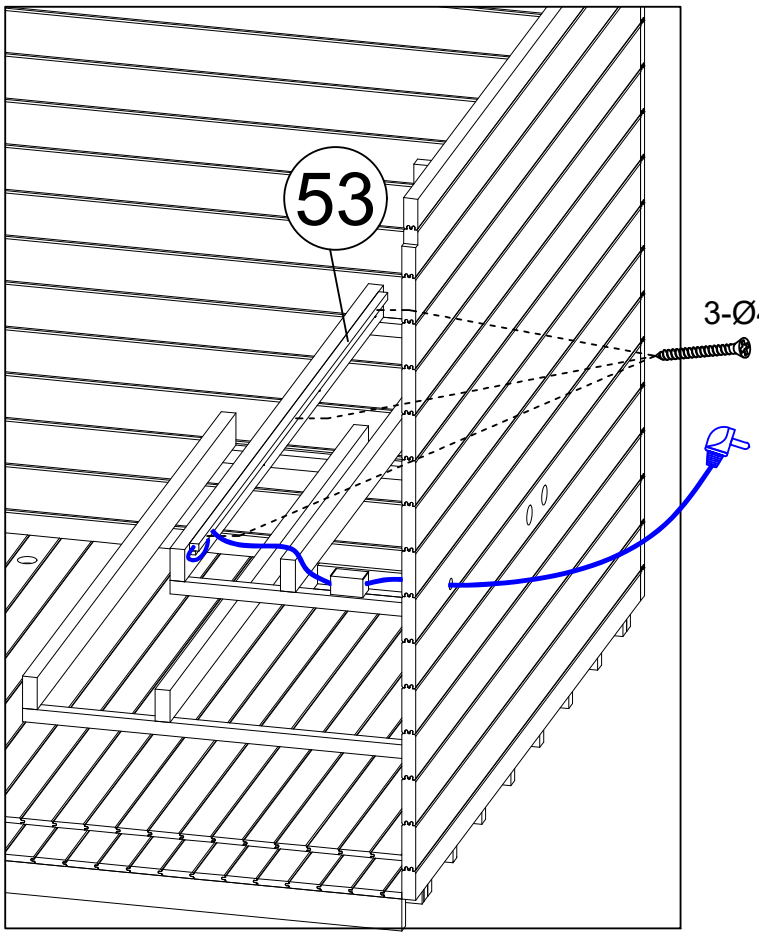

30
78-Ø4*70MM
32x38

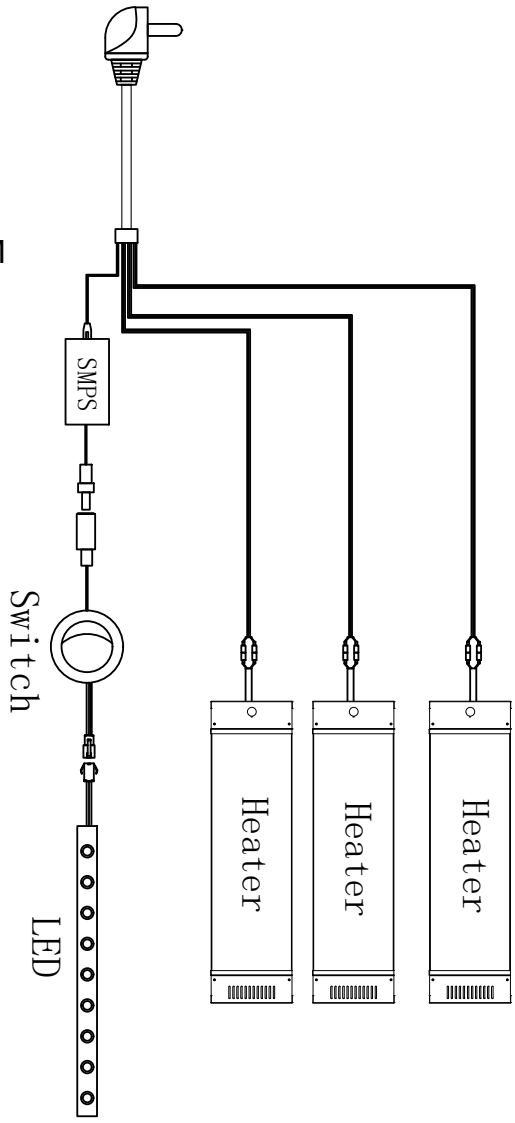

18
18
12-Ø4*70MM

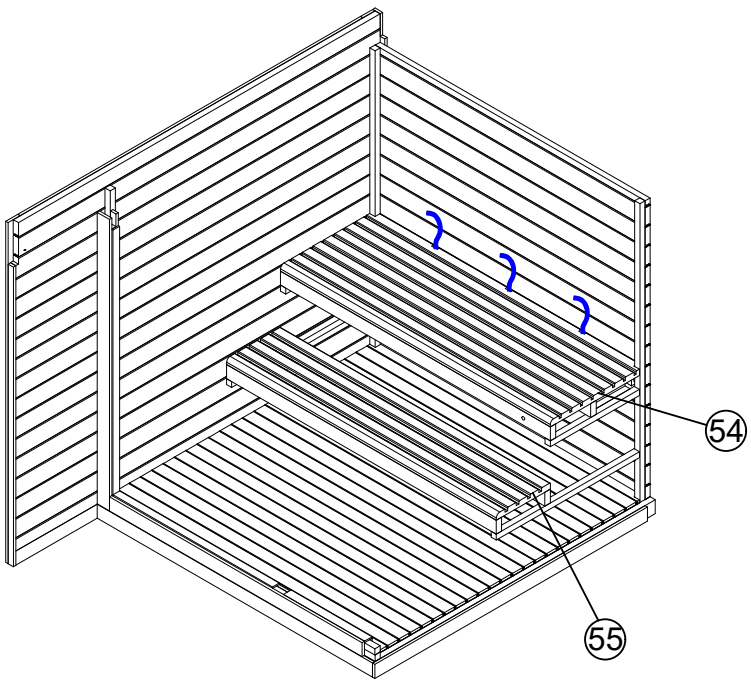

Stove
power line
19
20
20

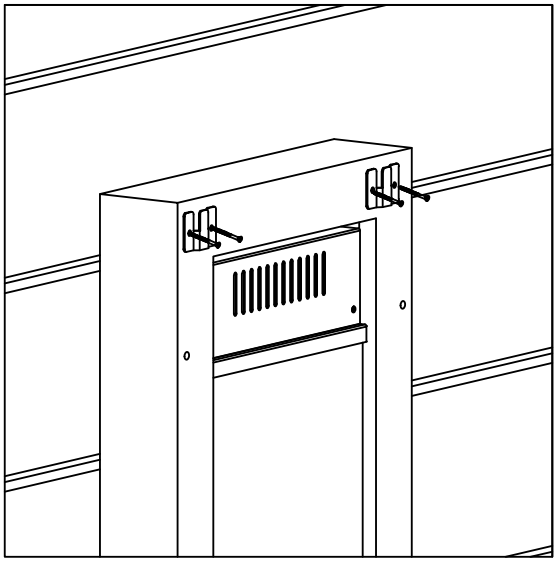

18-Ø4*70MM
59
800
710
410
61
60

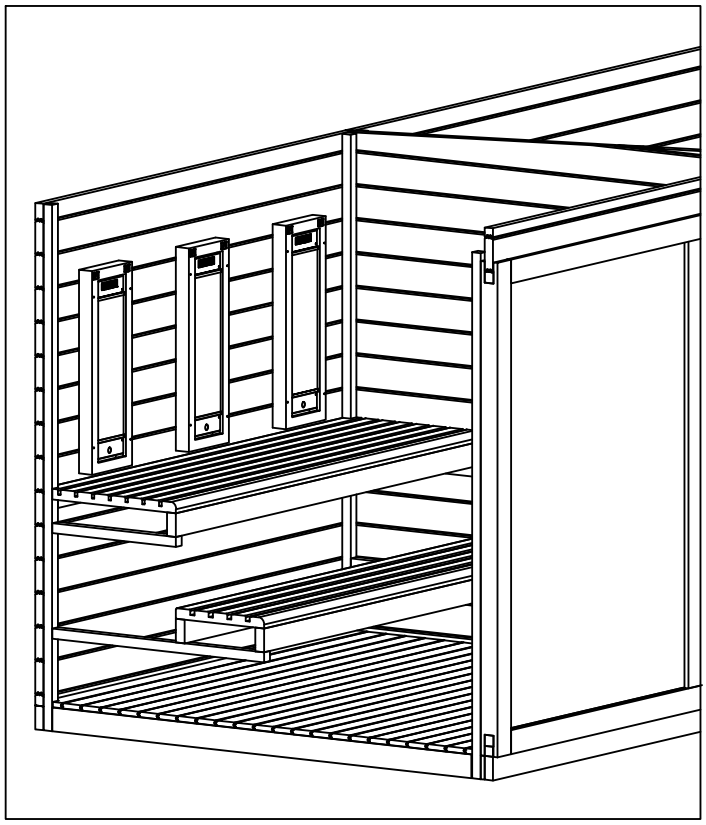

57
58
57
8-Ø4*70MM
74
3-Ø4*60MM
75
2-Ø4*60MM

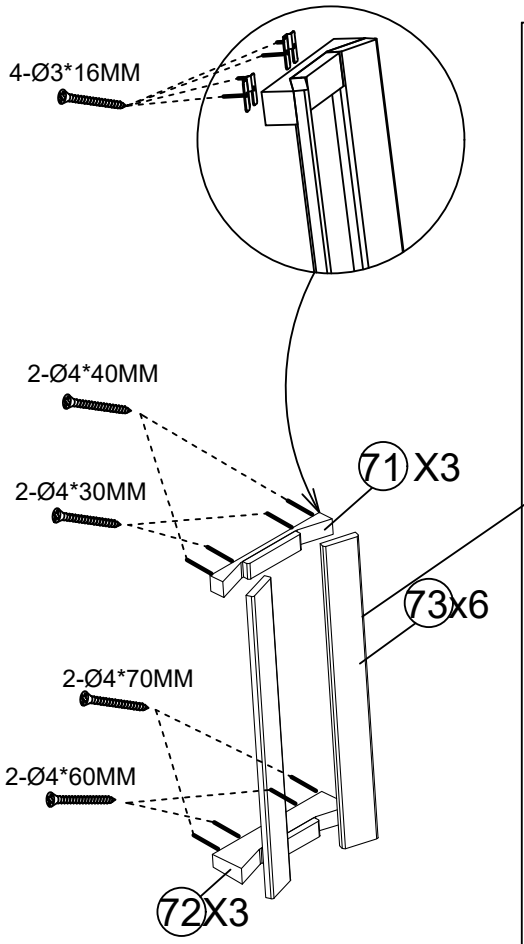

53
3-Ø4*40MM

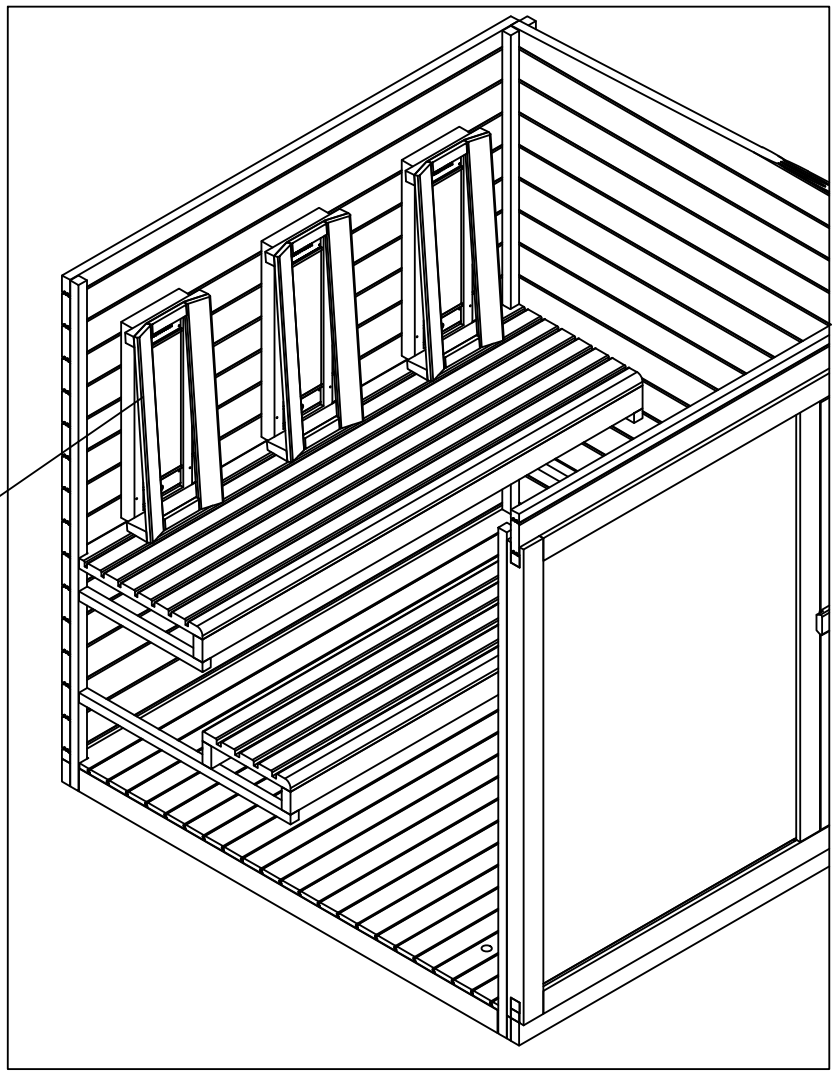

SMPS
Switch
LED
Heater
Heater
Heater

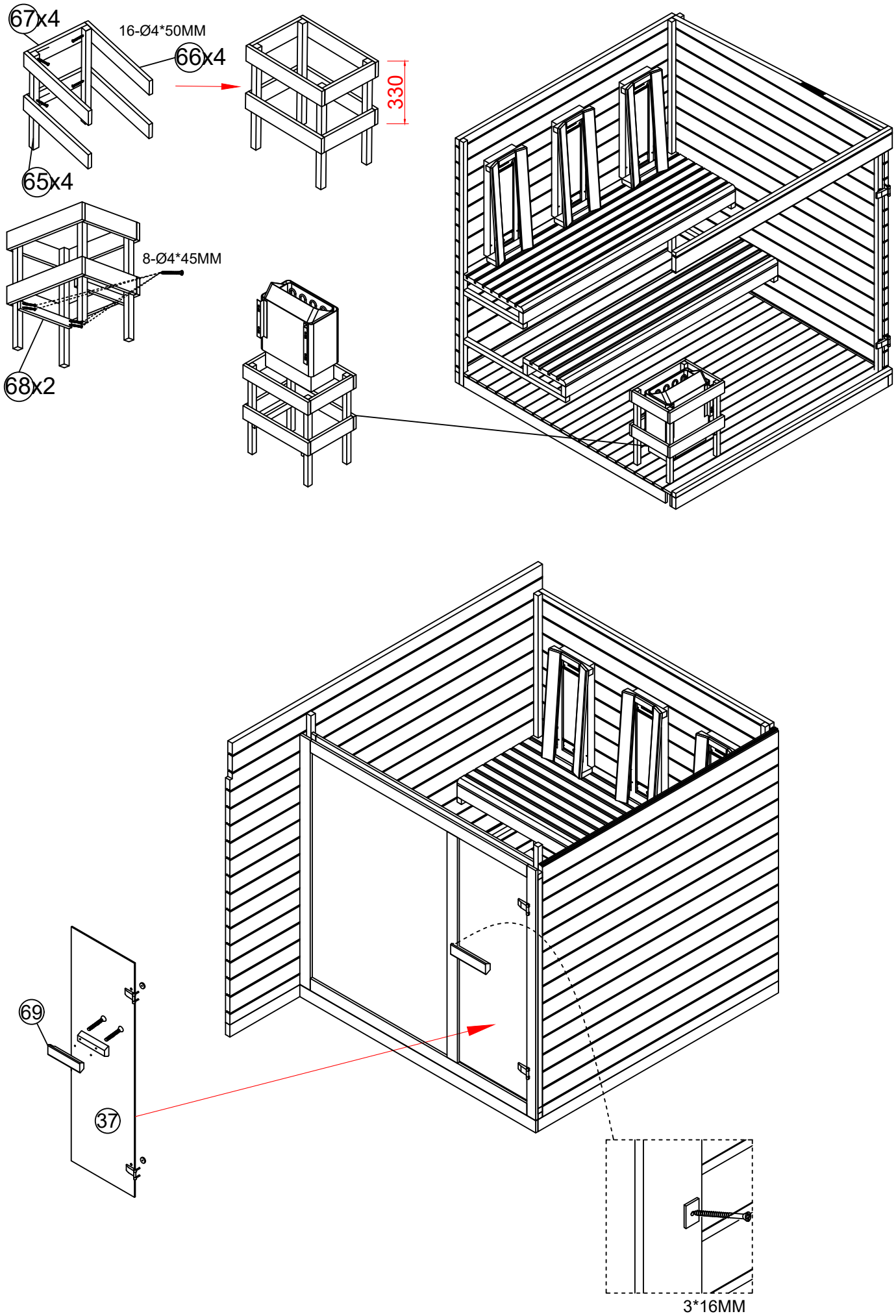

54
55

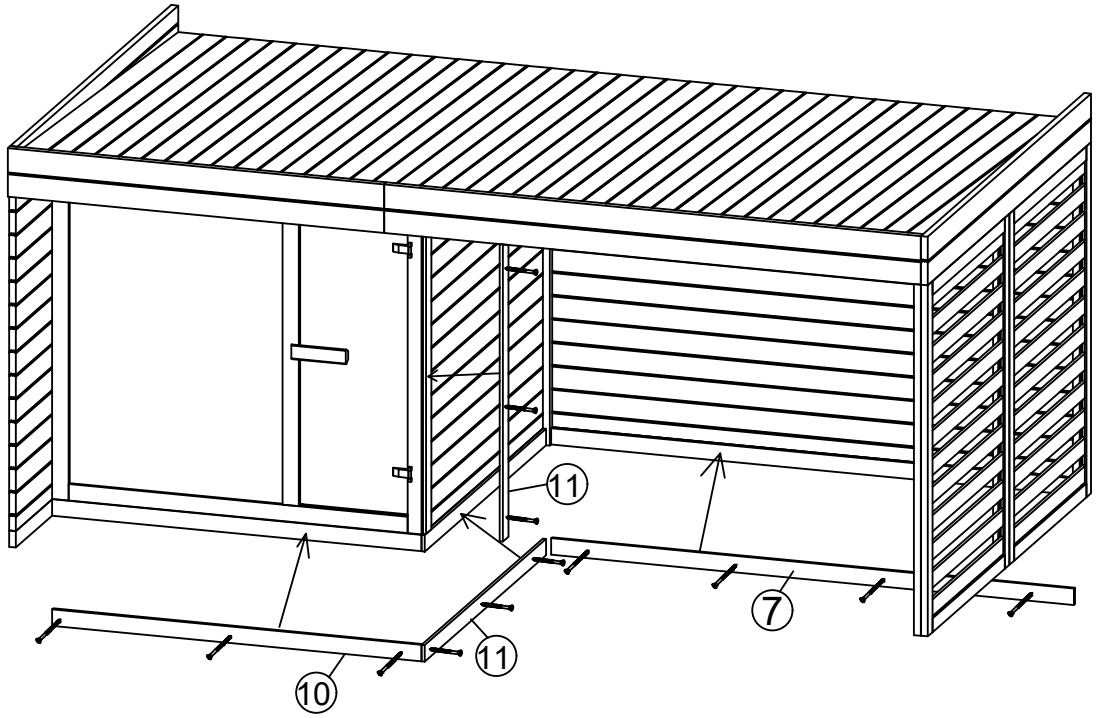


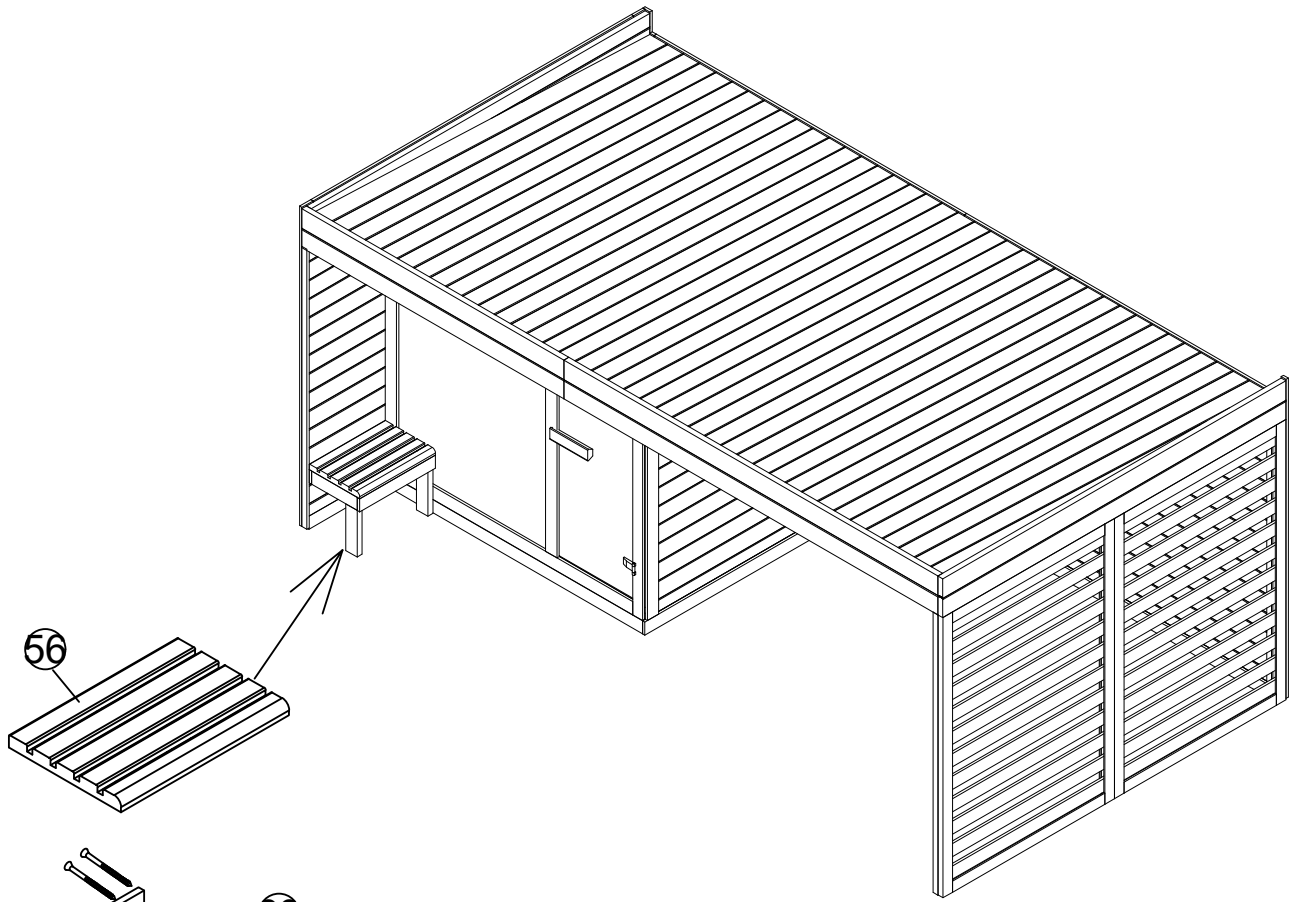


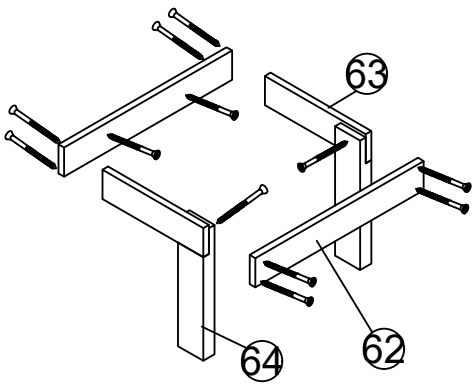

4-Ø3*16MM
2-Ø4*40MM
71 X3
2-Ø4*30MM
73x6
2-Ø4*70MM
2-Ø4*60MM
72X3

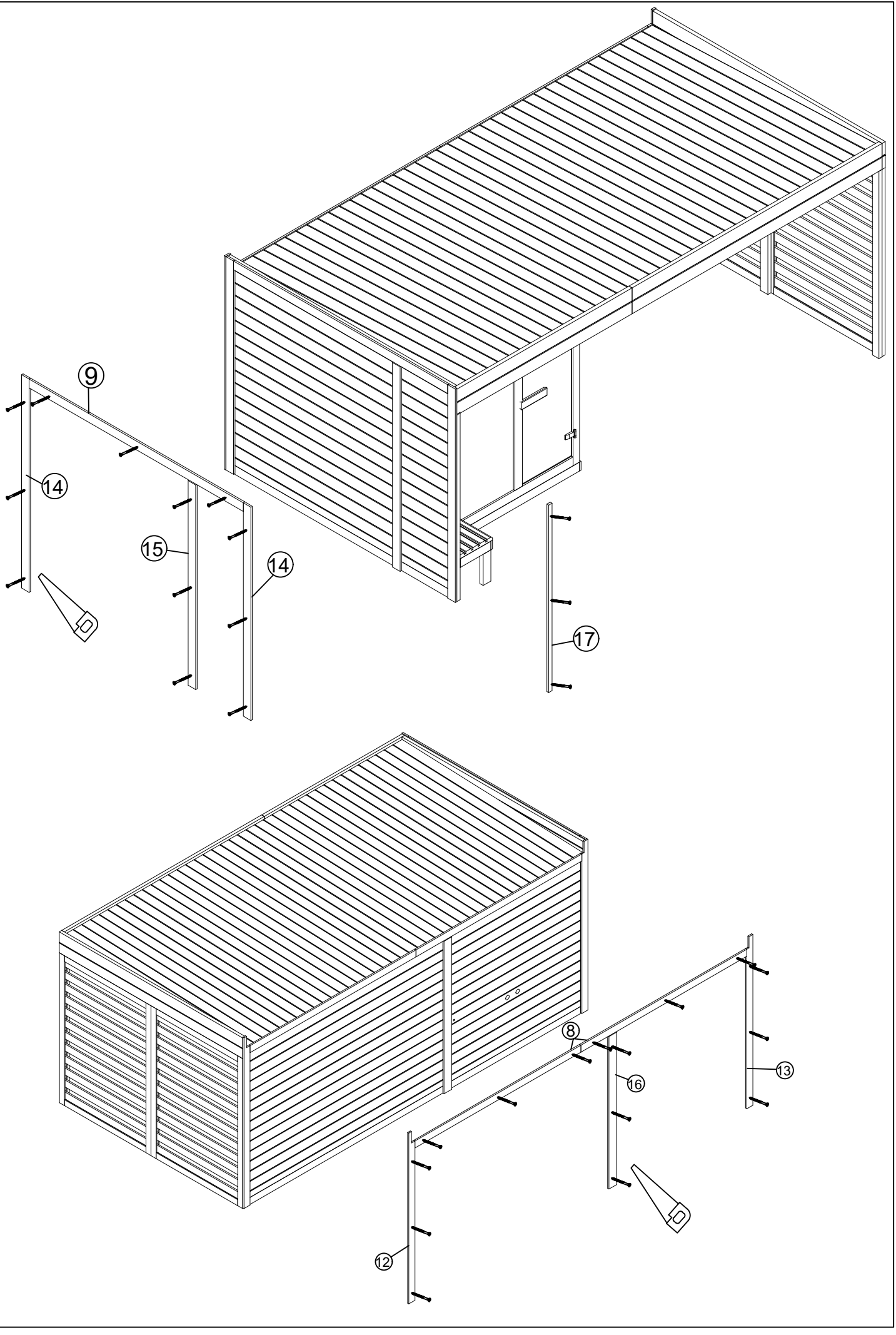


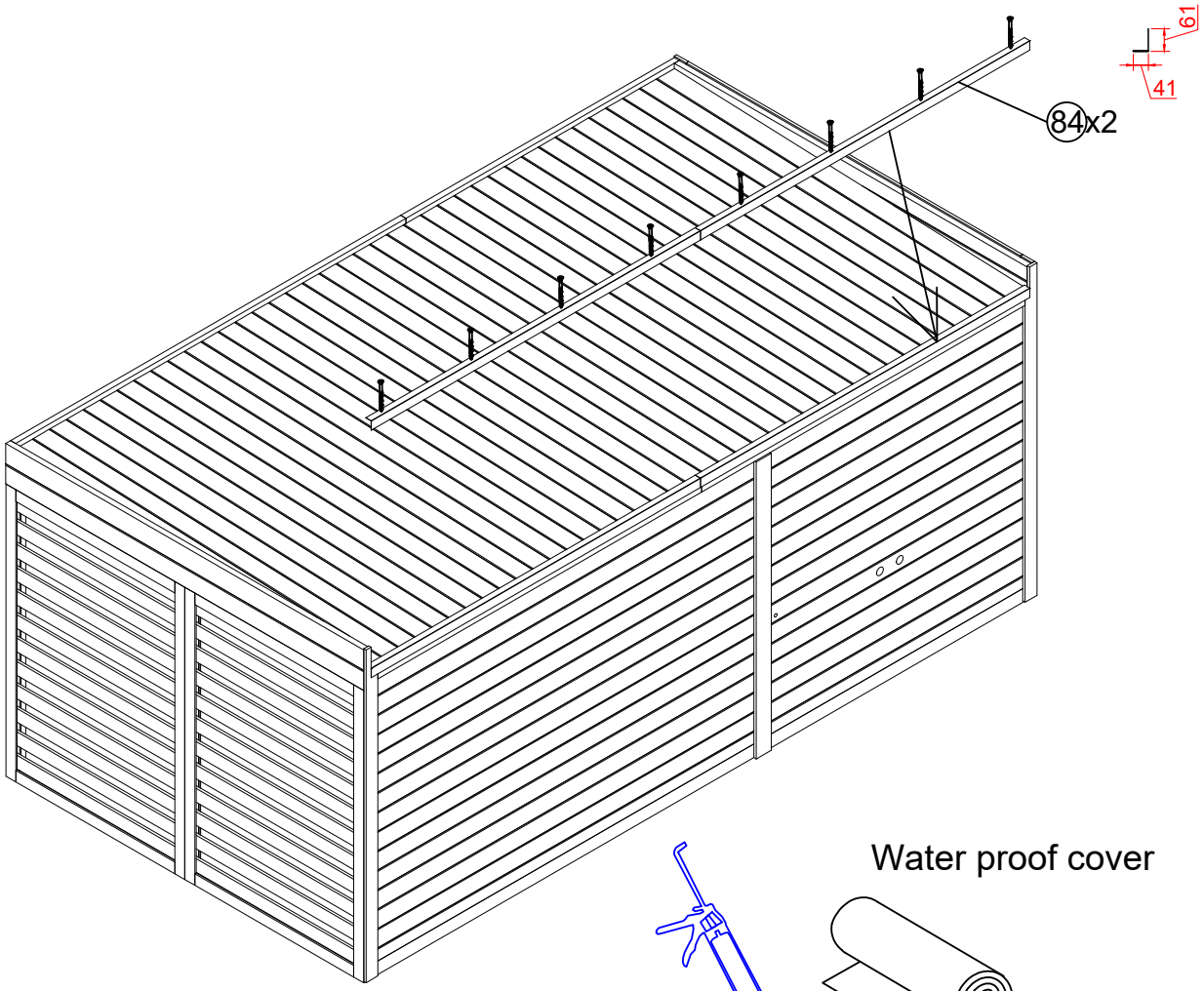

67x4
16-Ø4*50MM
66x4
330
65x4
8-Ø4*45MM
68x2
69
37
3*16MM

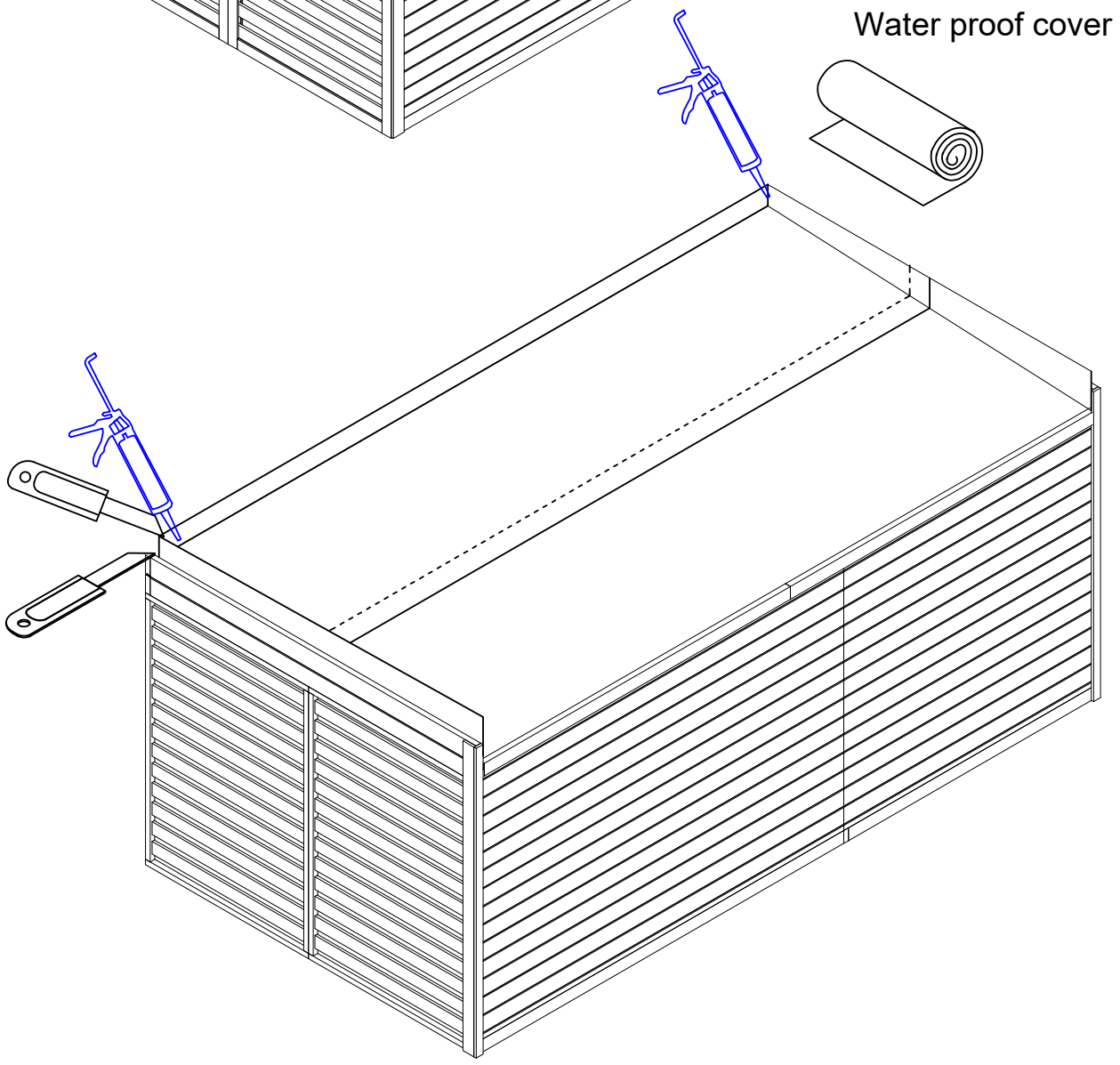

11
7
11
10

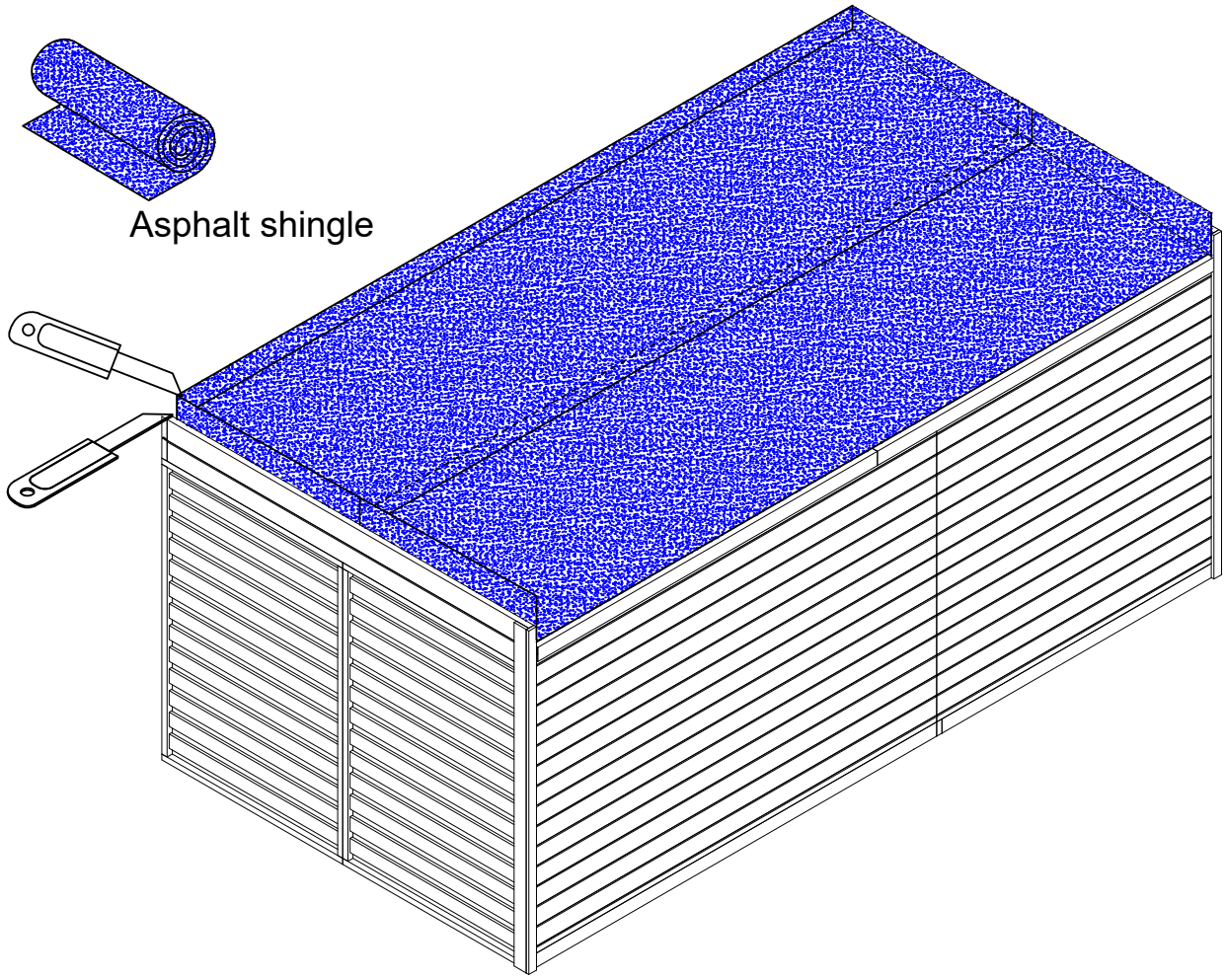

56

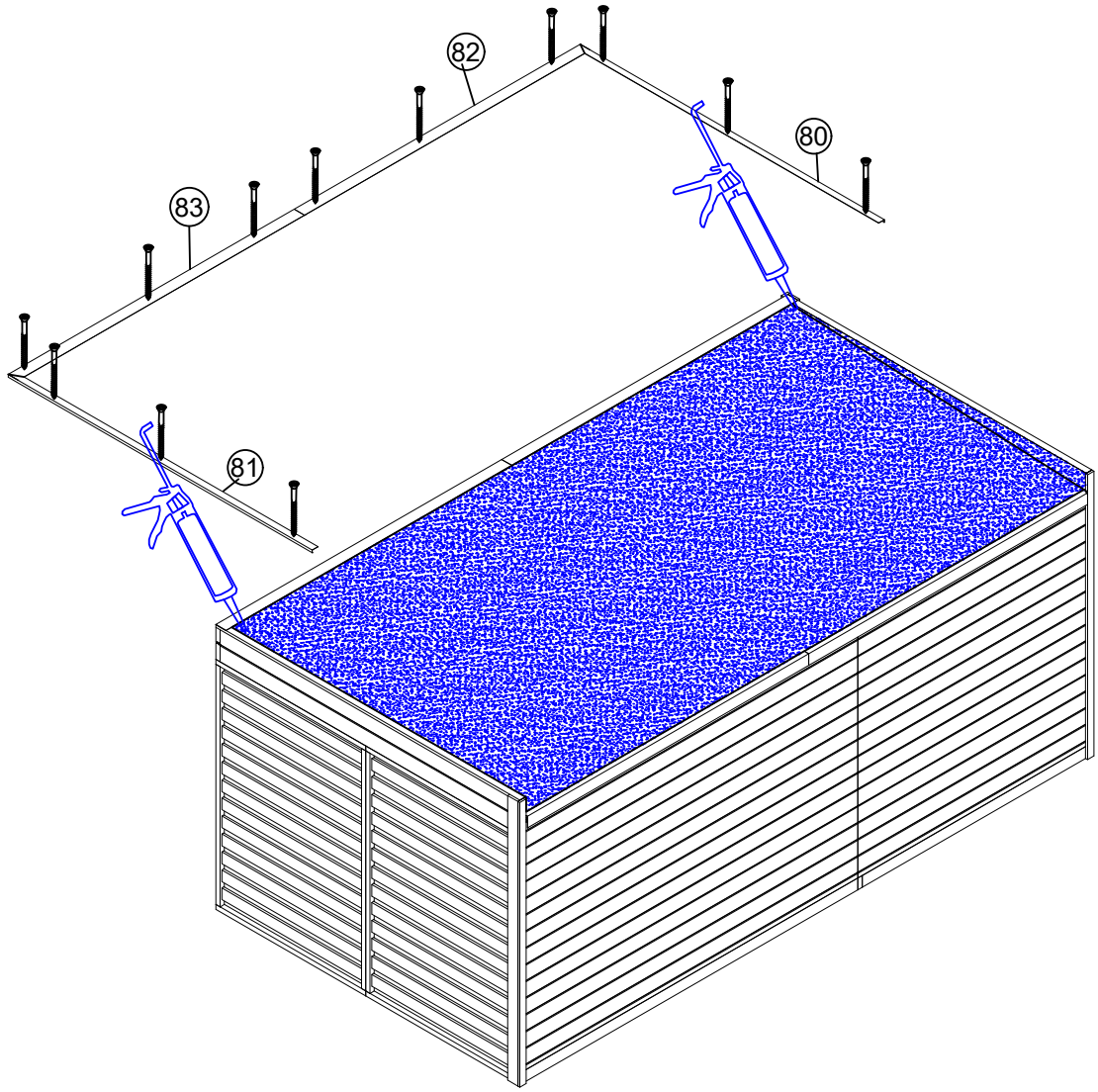

63
64
62

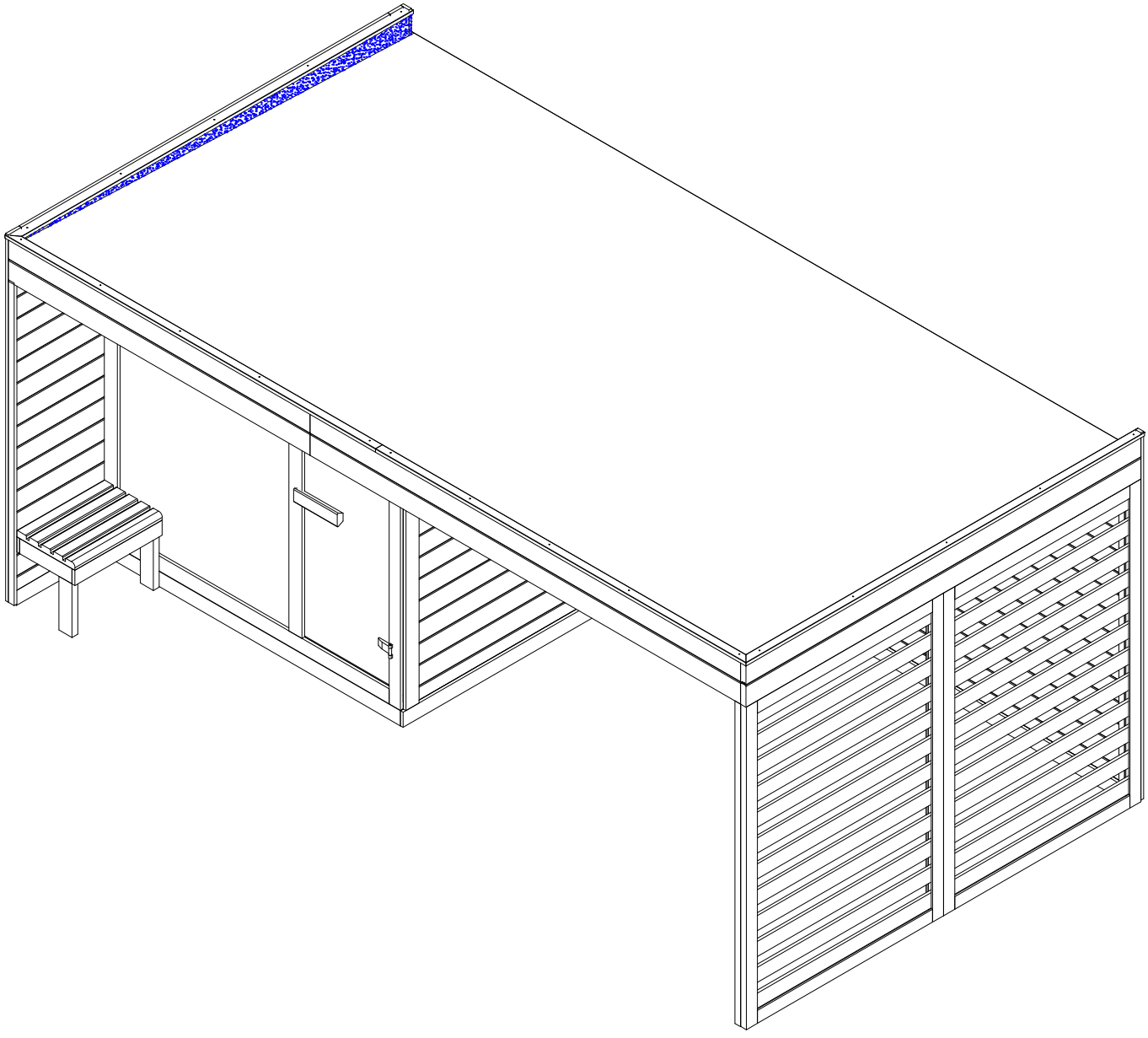

9
14
15
14
17
8
16
13
12


61
41
84x2


Water proof cover


Asphalt shingle

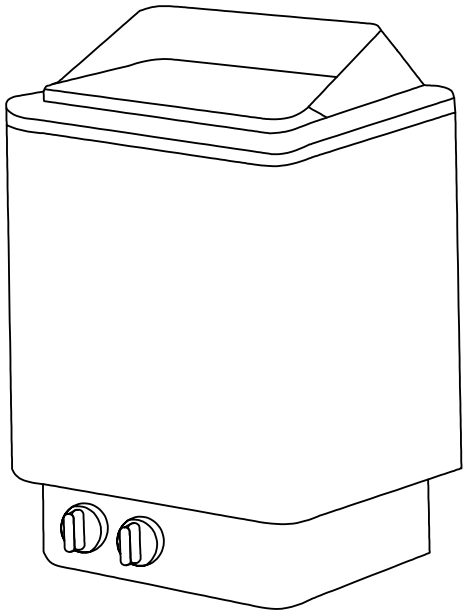

82
80
83
81



INSTALLATION MANUAL:FOR MODELS

SCA－30
SCA－45
SCA－60
SCA－80
SCA－90

WARNNING :
PLEASE READ THIS MANUAL CAREFULLY BEFORE USE



SAUNA HEATER

Use ordinary drinking water only, other materials poured into the stone compartment may damage the heating elements, which is beyond our guarantee

SAUNA ROCKS

Load adequate sauna rocks (10-15kg) into the sauna heater after finishing the installation of sauna heater and controller.

ATTENTION:Sauna rocks must be of finest qualities because temperature inside sauna heater is extremely high. Rocks not be able to withstand heat and the great heat changes easily break or get crumbling and damage the heating elements, or are easily oxidized which in return counteract the heat circulation and damage the sauna heater while being heated or being thrown water to for vapors causes.

WARNING

1.Electrical shock hazard------there are no owner serviceable parts in sauna heater. To avoid electrical shock hazard, all installations and relevant services shall be performed by qualified personnel.

2.Sauna shall be less than half an hour. Bathing too long may cause heart beating too fast, light heartache, feeling weak or dizzy. Should the bather stop bathing immediately as soon as the above symptoms occur.

3.Sauna bath may cause tension to the bather. Thus, one who is one of the followings should be directed by physician:

A. Being pregnant B. Having heart disease C. Having high blood pressure D. Having circulation system disease E. After drinking

F. After taking medicine. G. Diabetes H. Not feeling well. 5. Risk of scald: Must not touch the sauna heater or trim during heating, as it is hot. Stay at least 30 cm away from the hot heater.

4.Children must be under the company of adult in taking sauna bath.

GUARANTEE

1. Control panel is under one year guarantee.
2. Main body of sauna heater is under one year guarantee.
3. The following situations are not guaranteed:

1) Installation or internal structure disassembling by unprofessional personnel
2) supply voltage fluctuation range ±10
3) unqualified rocks on sauna heater's compartment
4) installation without following the dimension instruction of manual

354SkSM 110A Power KW	Heating Elements 230V/240V				
	SEPC 62 1000W	SEPC 63 1500W	SEPC 64 2000W	SEPC 65 2670W	SEPC 63B 3000W
3.0	1, 2, 3				
4.5		1, 2, 3			
6.0			1, 2, 3		
8.0				1, 2, 3	
9.0				1	2, 3

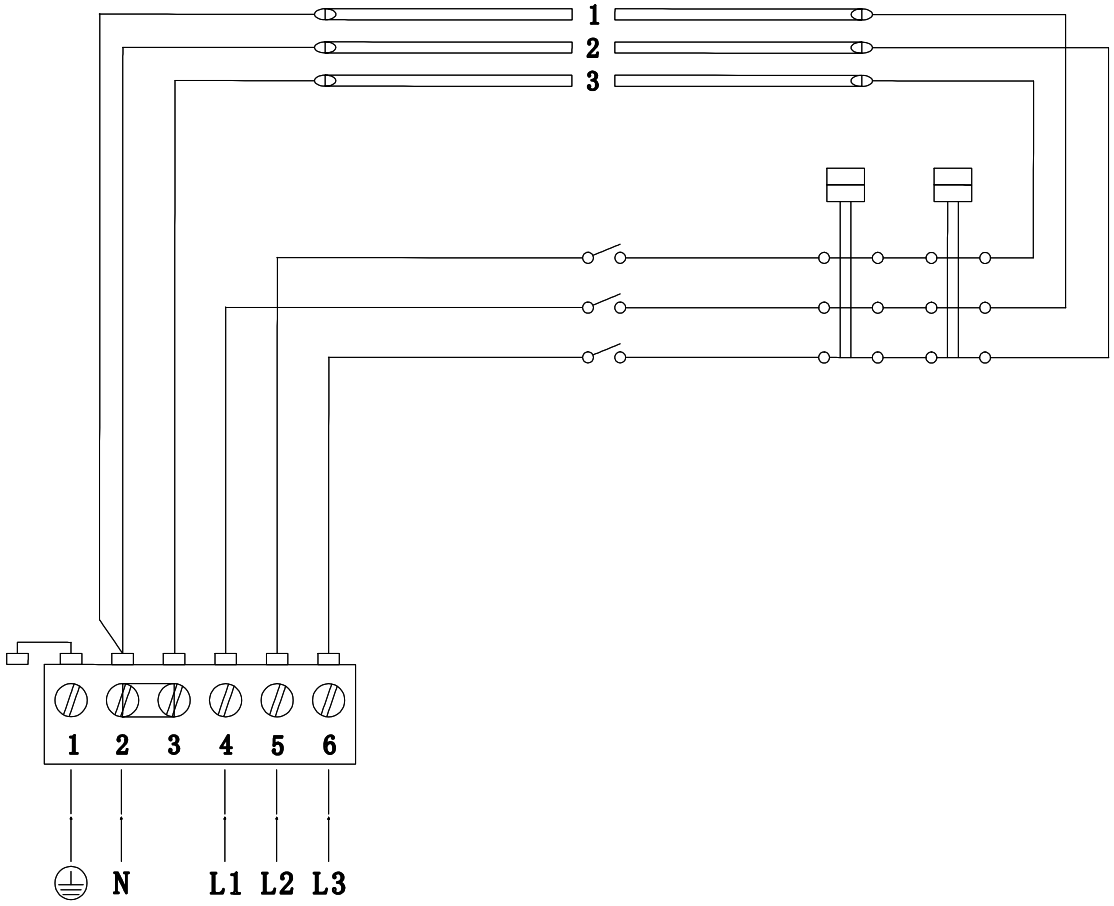


Figure 2

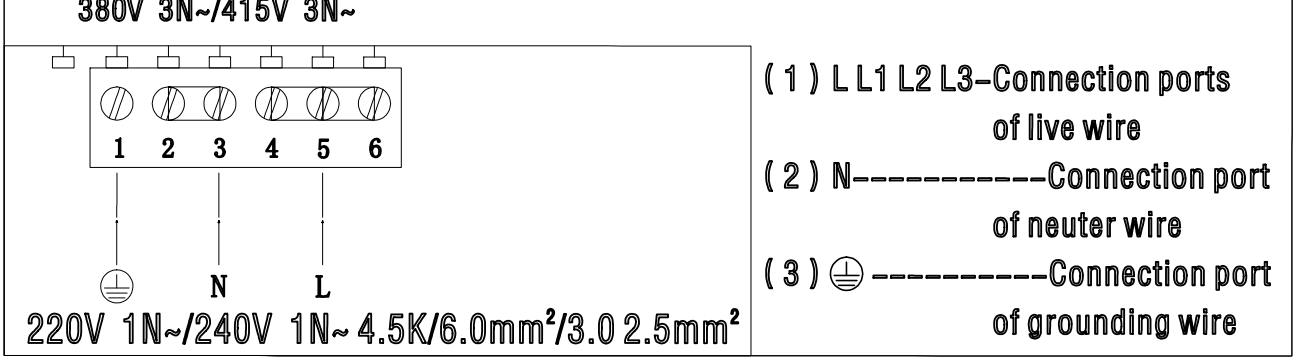


Figure 7

nstallation

Install the sauna heater onto the wall with the screw provided in the heater,according to the minimumsafety distances and volumes indicated in table 1 and figure 1, or on the plate of the heater.

------The heater can be installed in the wall recess at the minimum height of 1900mm.

------Do not cover the wall behind the heater with materials like asbestos or eternit plates etc,because this sort of covering protection could cause too temperature and a risk of burn.

------Must use qualified materials for the walls and ceiling.

Guard Rails

Please follow the minimum distances requirements in figure 6 if guardrails are desired around the heater.

Connection of Electricity Supply Cable

Only the qualified electrician may conduct the electricity supply connections of the heater′s cables taking into consideration of current,valid electrical safety regulations.The connecting cables of the mains supply to the heater must be of REVE rubber insulated cables or at least an equivalent(see the figure 2).There are connection ports in the junction box in sauna heater to connect the indicating lamps outside sauna (see connection ports of circuit diagram in figure 7). The section of the connecting cables is same as the one of the heater.The electricity connection box in sauna room must be of a hermetic,splashing proof type with a 7mm diameter condensation hole.The junction box should not be more than 500mm over the floor.

Sauna stones

Since the sauna stones may be dusty,we recommend that they should be rinsed begore being loaded into the heater container; the largest ones should be loaded at the bottom.Do not load the stones too tight so that air can easily move between the stones whereby a good even cooling can be got for the heating elements.Reload when stones broken or crumbling so that these stones can be got out of the heater before the heating elements get damaged.The diameter of the stones is usually of 3-8 cm.

Temperature Control

The thermostat can control the temperature in an ideal condition(figure3).Sauna heater can reach o a preset temperature in 30 to 60 minutes depending on the size of sauna room Thermostat of three phases electricity can fulfill the preservation of a good even comfortable temperature in sauna room.

Power Switch

The power switch is the main power switch of sauna heaterwhich should be switched off while leaving sauna.

Ventilation

Good ventilation is a must for the sauna,and correctly installed ventilation creates agreeable bathing conditions,but yet still save energy.For the ventilation to be successful it is important where the ventilation openings are suited.The fresh air intake should be better situated on the wall near the bottom of the sauna heater.The diameter of air inlet must be at least 6 cm.

The exhaust opening should be better situated on the wall opposite to and as for as possible from the air intake.The diameter of the exhaust opening must be twice the size of the intake.

The exhaust opening must be situated under the botom of the upper benches.

Noted: the upper screws must be fastened tight, the minimum distances between screw head and wall must be 3mm.

Figure 1A

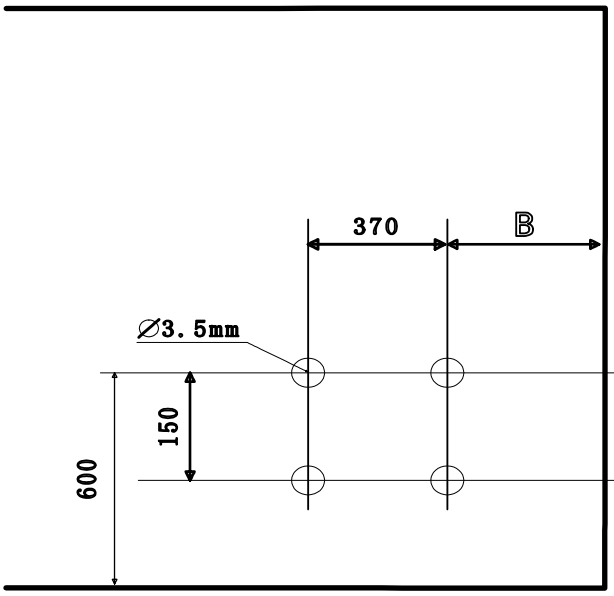


Figure 1B

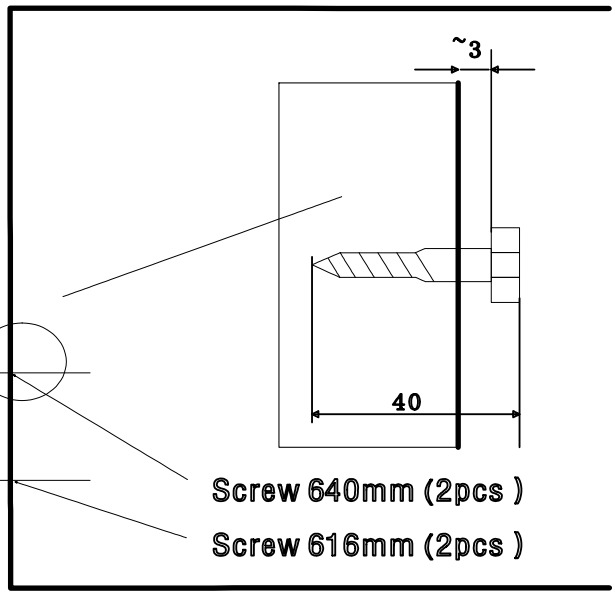


Figure 1C

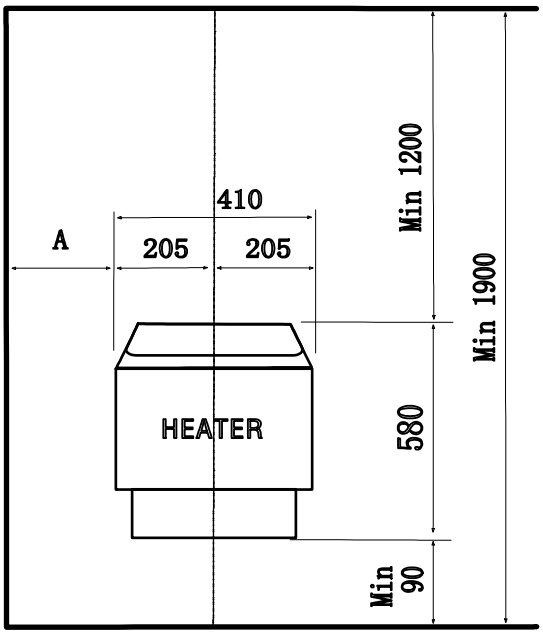


Figure 1D

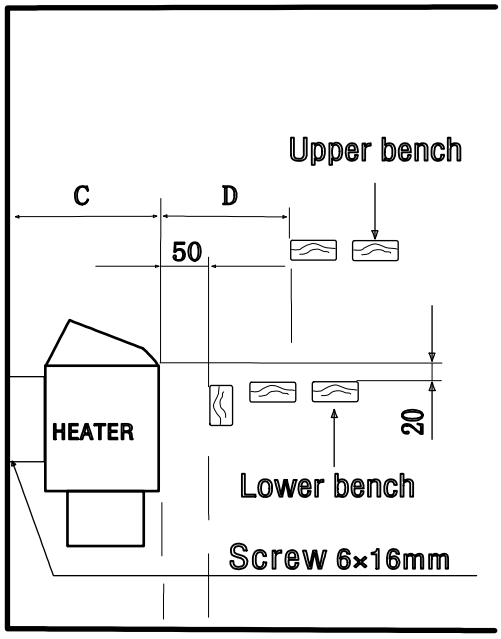


Figure 3

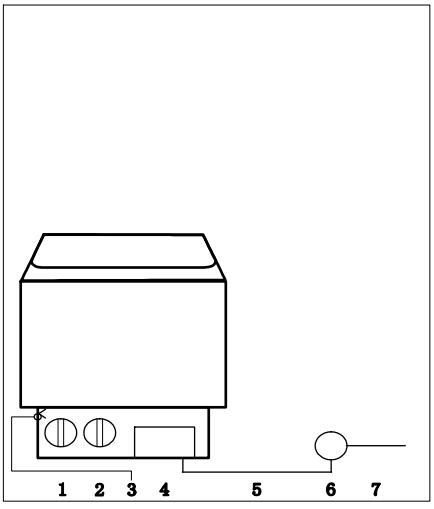


Table 1

HEATER	Distance (mm)		
	A	C	D
SCA-30	50	280	80
SCA-45	80	280	100
SCA-60	100	280	150
SCA-80	130	300	200
SCA-90	130	300	200

1、**Power switch**
2、**Thermostat**
3、Temperature limit reposition
4、**Junction box**
5、**Electricity supply cable**
6、**Electricity connection box**
7、**Connecting cable**

Figure 4

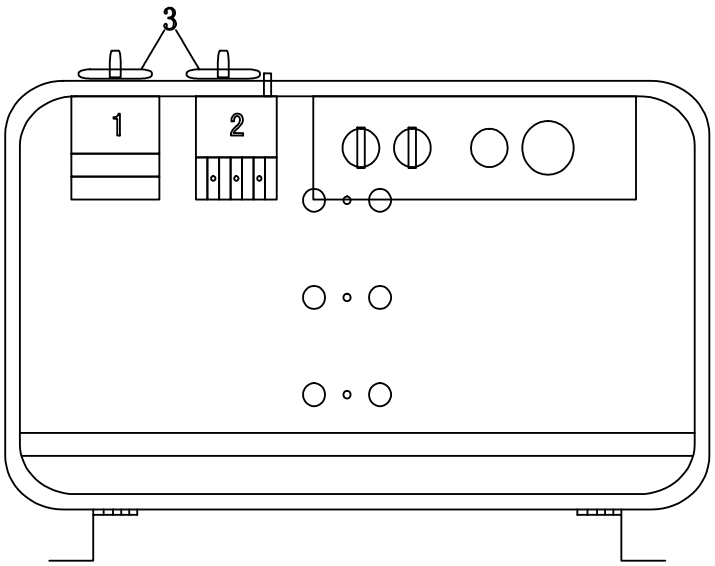


Figure 5

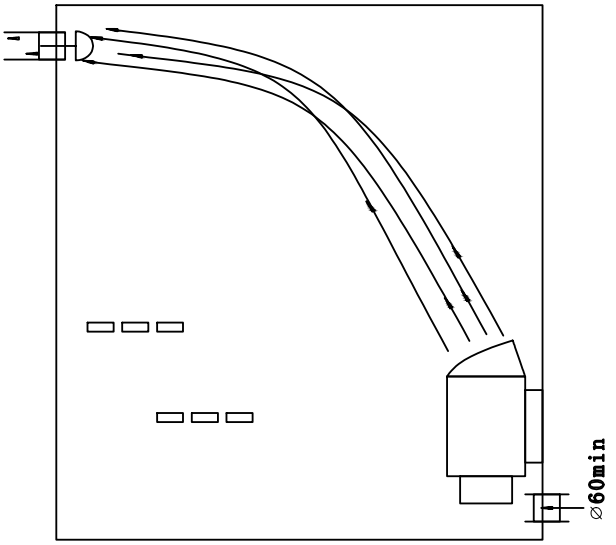


Figure 6

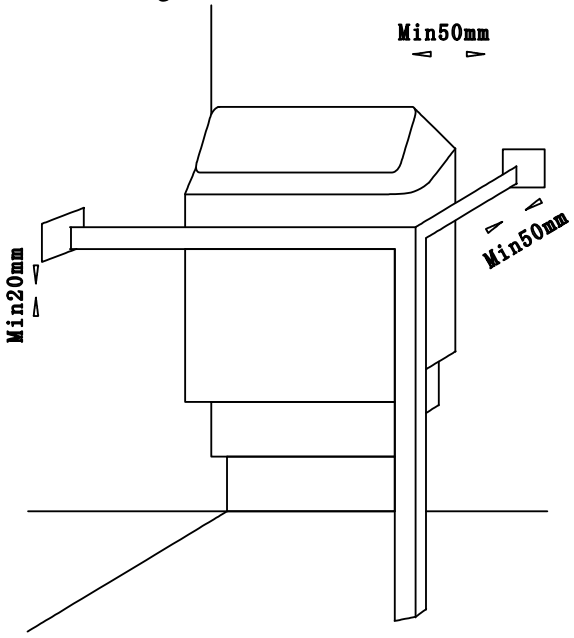


Table 2

Model	Power	Sauna Room			Minimum Distance From Heater to				Cables to	
	KW	Volume m³ Min	Volume m³ Max	Height min. cm	Side & Back wall min. cm	If 500mm over from floor guard rail min cm	Ceiling min cm	Floor min. cm	380V 3ph 415V 3ph mm²	220V 1ph 240V 1ph mm²
SCA-30	3.0	2	4	190	5	5	110	18	5X1.5	3X2.5
SCA-45	4.5	3	6	190	8	8	110	18	5X1.5	6X6
SCA-60	6.0	5	9	190	10	15	110	18	5X1.5	3X10
SCA-80	8.0	8	12	190	13	20	110	18	5X2.5	3X10
SCA-90	9.0	9	13	190	13	20	110	18	5X2.5	

SERVICE

Use instructions

Drink plenty of liquids before and after use of the sauna.

Dry yourself off completely.

After a heating period of an hour at the latest, the cabin should be switched off and a heating brake of at least 30 minutes should be taken.

Maintenance instructions

Clean the cabin with a damp cotton towel, dry with a clean dry towel.

Clean the glass with a window/glass cleaner and a soft cloth.

Do not pour water in the control panel or clean it with wet cloth. For cleaning purposes, use a cleaning cloth that has been only slightly moistened with a mild soapy solvent (dish detergent).

Do not use chemical detergents to clean the cabin.

Please fasten the screws of the bench once every three months, avoid the loose or drop off.

It is recommended to take a warm shower and relax after use.

Notes: