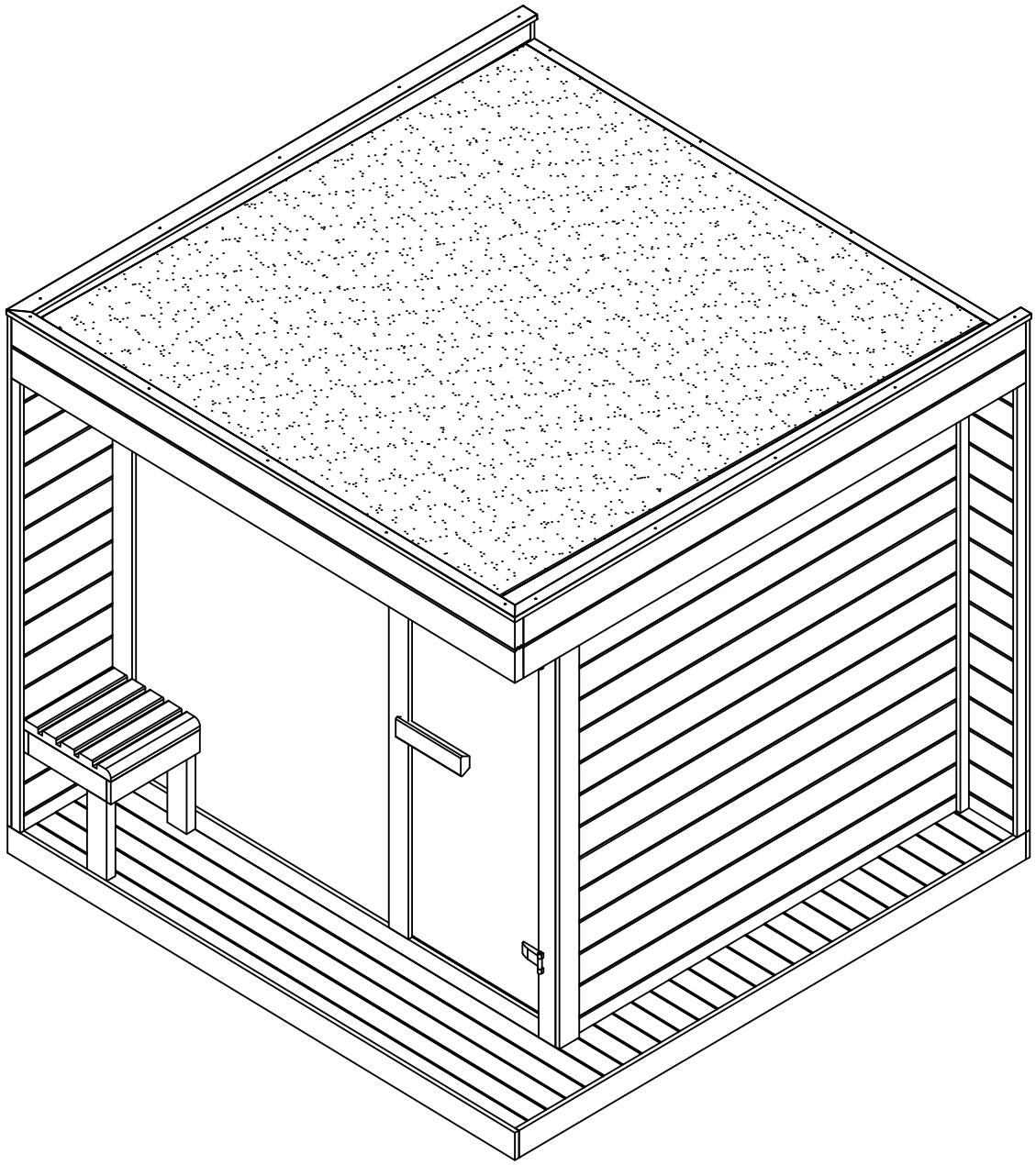
User's manual

EN



Sauna House 230

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 230
Cabin material		Thermo Spruce Wood
Width		2300mm
Depth		2300mm
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
34x	166x	125x	20x	105x	20x	20x	2x	1x	1x	1x

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

ASSEMBLE INSTRUCTIONS

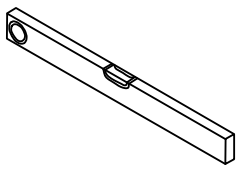
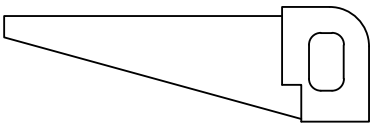
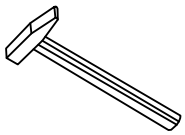
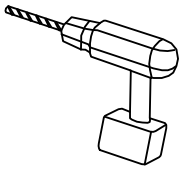
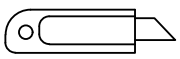
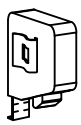
Assemble tips

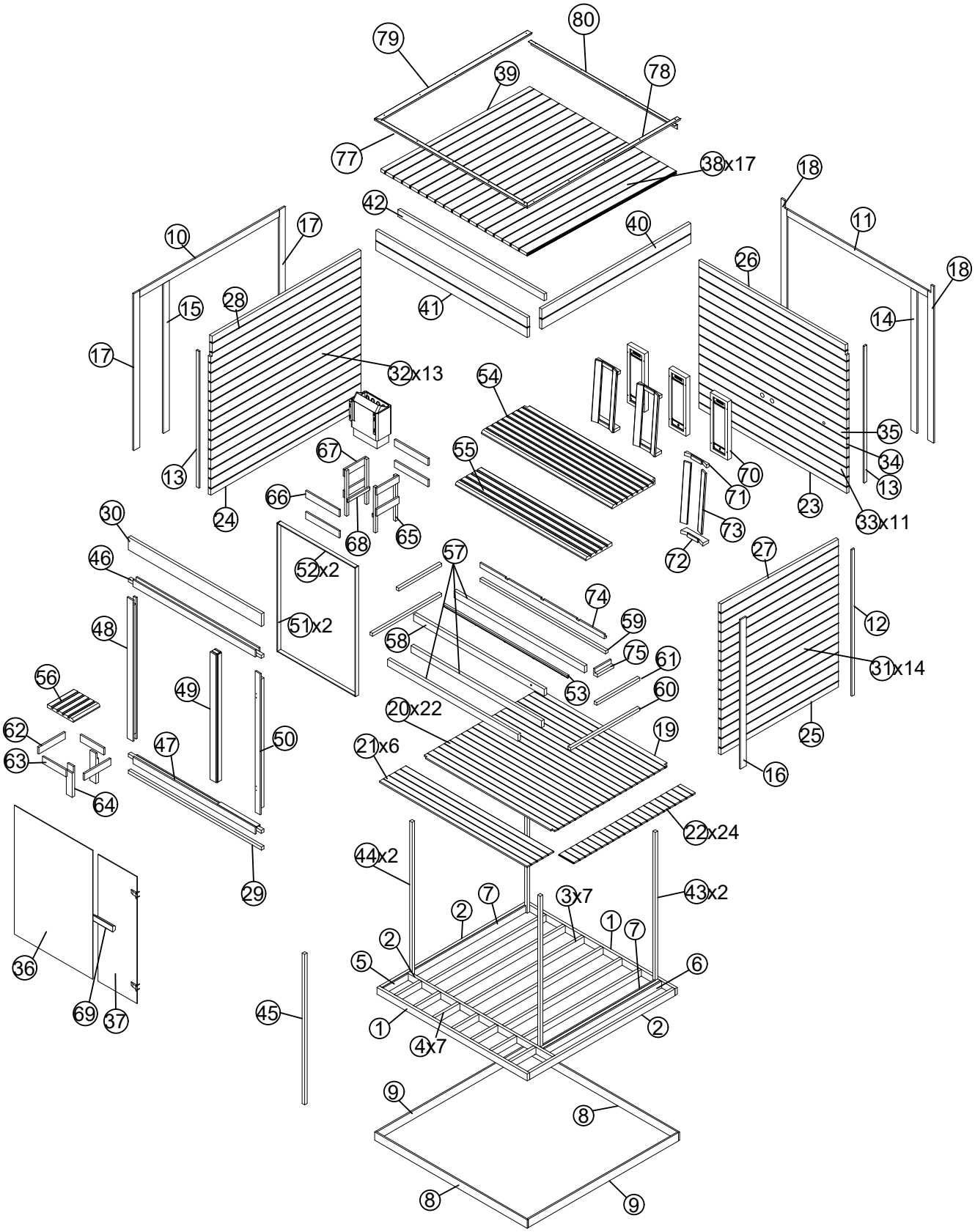
1.Please remove transport packaging and inspect that your sauna room has been delivered complete and intact before beginning assemble.

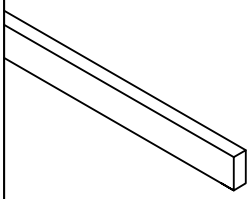
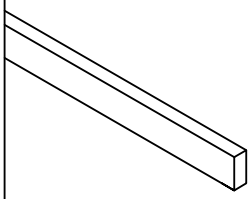
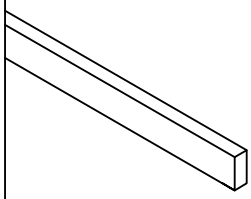
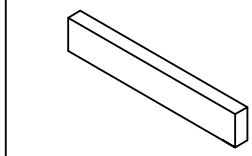
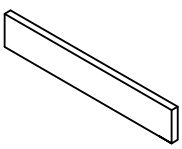
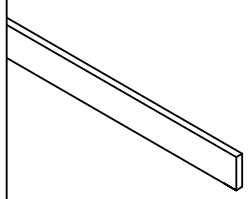
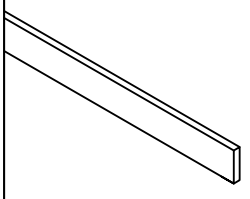
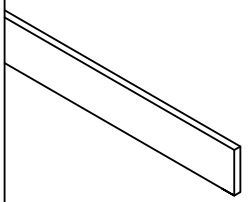
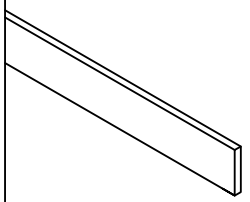
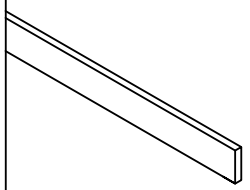
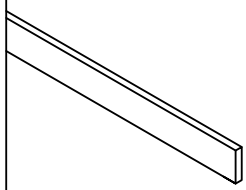
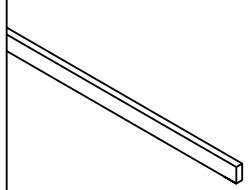
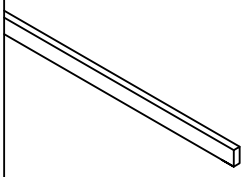
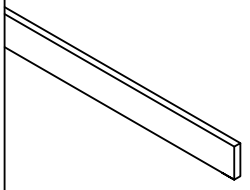
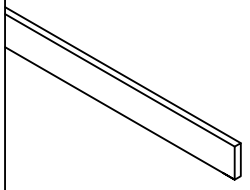
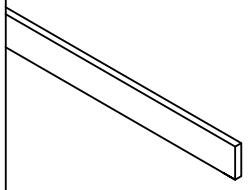
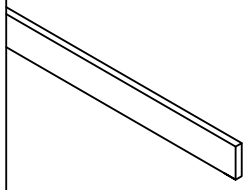
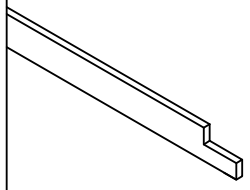
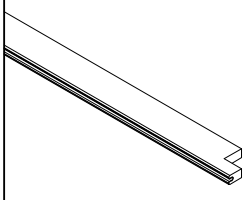
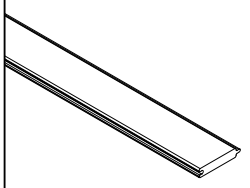
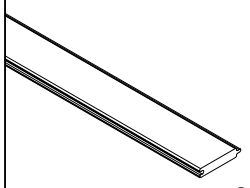
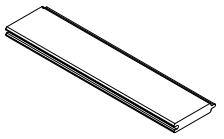
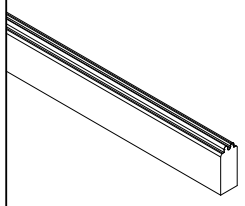
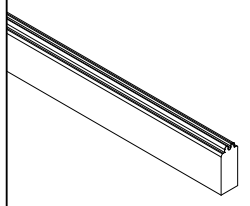
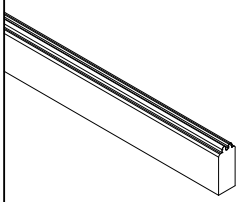
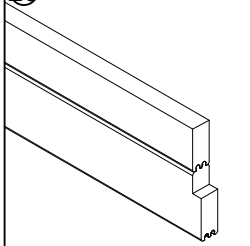
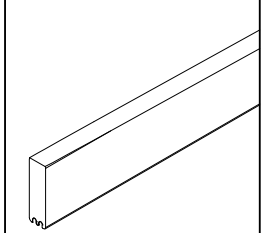
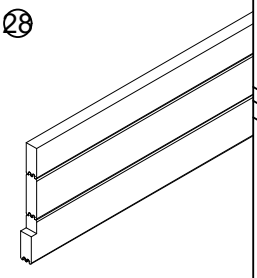
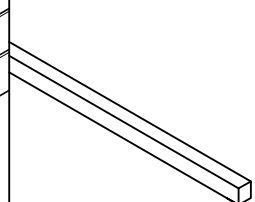
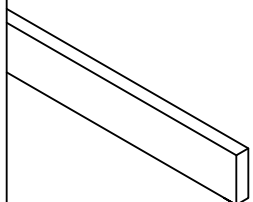
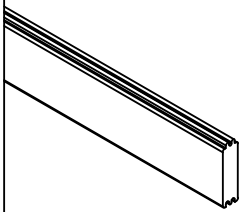
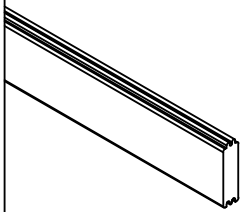
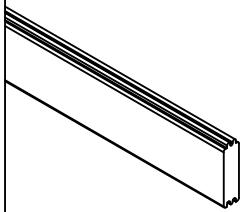
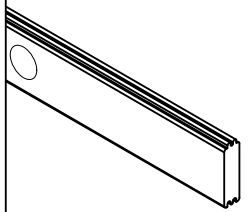
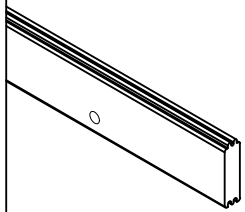
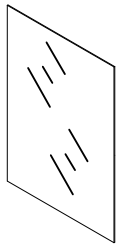
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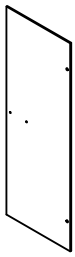
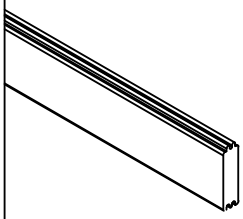
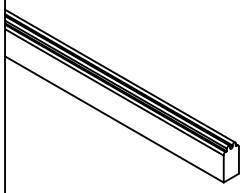
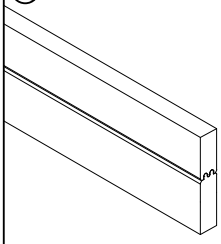
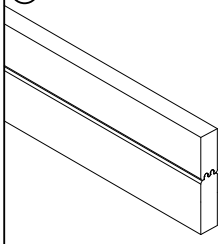
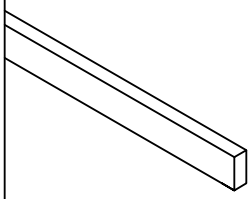
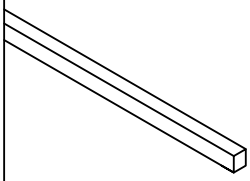
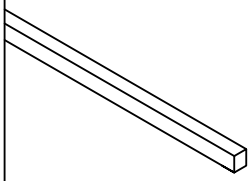
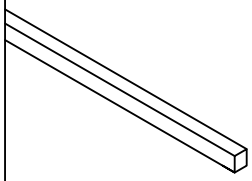
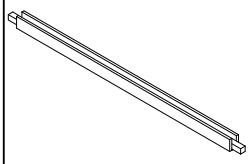
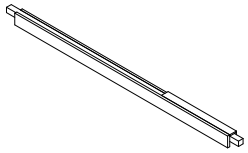
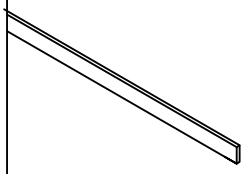
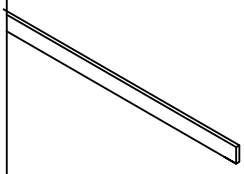
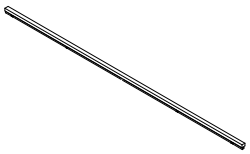
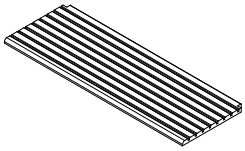
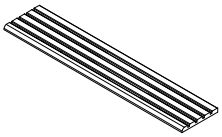
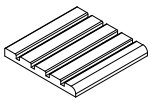
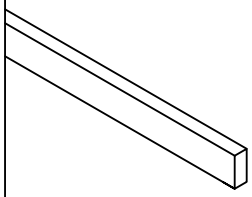
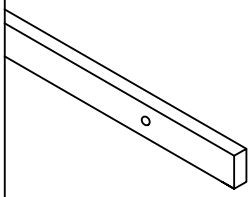
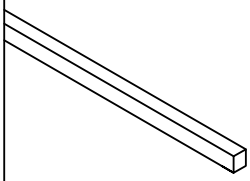
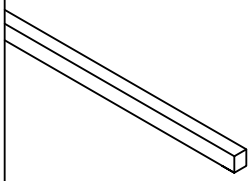
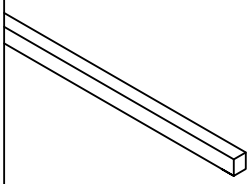
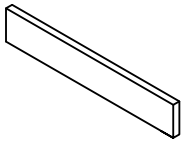
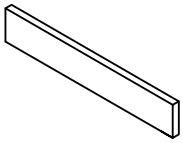
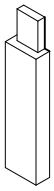
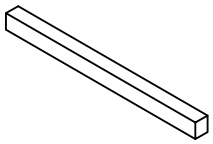
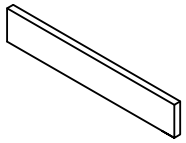
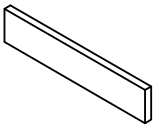
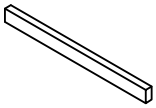
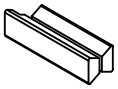
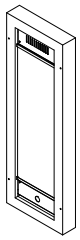
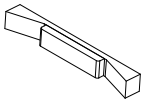
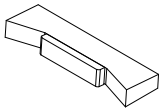
3.Please check the countersink and hole diameter of the drill holes to avoid damaging the wood.

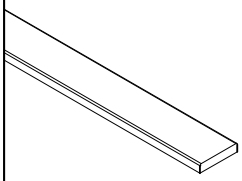
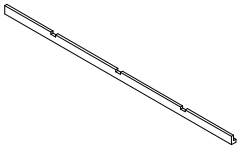
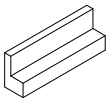
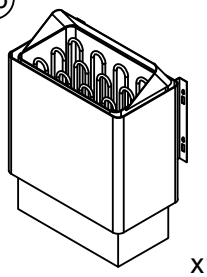
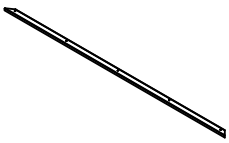
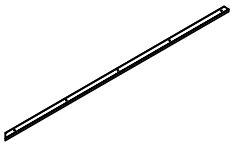
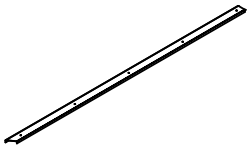
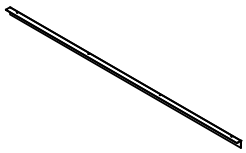
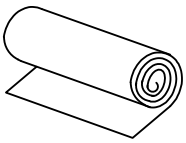
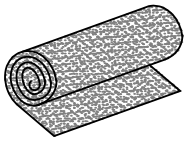
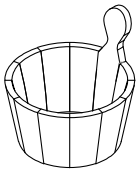
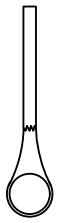
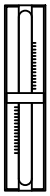
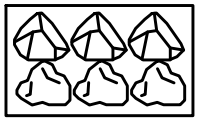
Tools

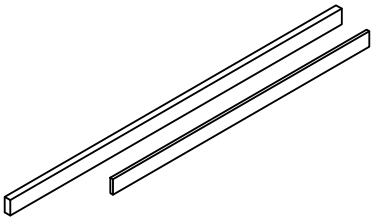








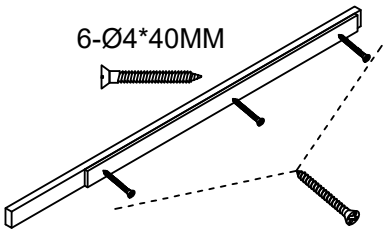

80
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38x17
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22x24
44x2
43x2
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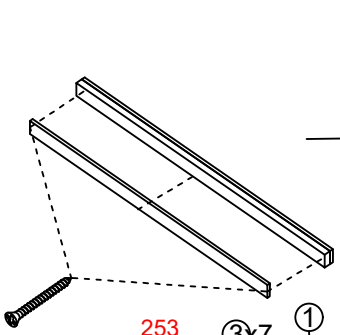
①  x2	②  x3	③  x7	④  x7	⑤  x1	⑥  x1
2300*90*38	2224*90*38	1800*90*38	386*90*38	386*90*18	1800*90*18
⑦  x2	⑧  x2	⑨  x2	⑩  x1	⑪  x1	⑫  x1
1720*90*18	2338*110*18	2301*110*18	2138*90*18	2155*90*18	1960*40*18
⑬  x2	⑭  x1	⑮  x1	⑯  x1	⑰  x2	⑱  x2
1832*40*18	1907*90*18	2008*90*18	1998*90*18	2098*90*18	2098*90*18
⑲  x1	⑳  x22	㉑  x6	㉒  x24	㉓  x1	㉔  x1
1998*72*18	1998*94*18	2260*94*18	222*94*18	2262*91*38	2300*91*38
㉕  x1	㉖  x1	㉗  x1	㉘  x1	㉙  x1	㉚  x1
1800*91*38	2262*216*38	1800*126*38	2300*353*38	2038*42*38	2038*168*38
㉛  x14	㉜  x13	㉝  x11	㉞  x11	㉟  x1	㊱  x1
1800*138*38	2300*138*38	2262*138*38	2262*138*38	2262*138*38	1707*1198*8

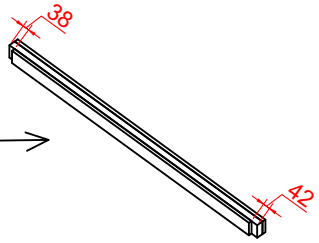
37  x1	38  x17	39  x1	40  x1	41  x1	42  x1
1680*595*8	2280*138*38	2280*67*38	2280*266*38	2318*266*38	2240*90*38
43  x2	44  x2	45  x1	46  x1	47  x1	48  x1
2075*38*38	2110*38*38	1990*38*38	2308*90*76	2308*90*76	1870*90*76
49  x1	50  x1	51  x2	52  x2	53  x1	54  x1
1710*90*76	1870*90*76	1710*48*10	1181*48*10	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	400*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

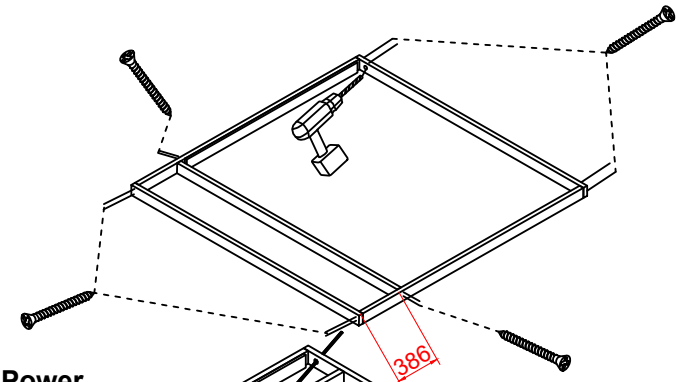
73  x6	74  x1	75  x1	76  x1	77  x1	78  x1
780*90*18	1900*60*38	200*90*56	sauna stove	2341*49*20	2343*49*20
79  x1	80  x1	81  x2	82  x2	83  x1	84  x1
2343*67*20	2240*61*41	Water proof cover	Asphalt shingle	bucket	ladle
 x1	 x1	 x1			
thermometer	hourglass	sauna stones			

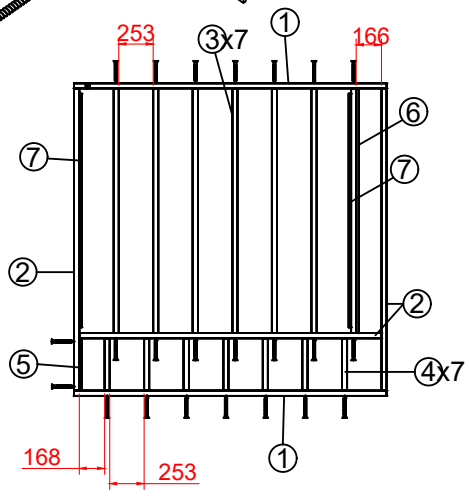




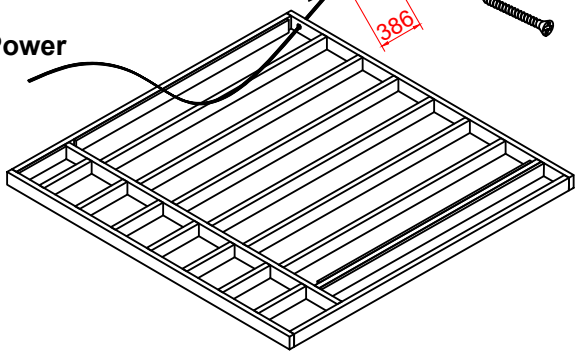




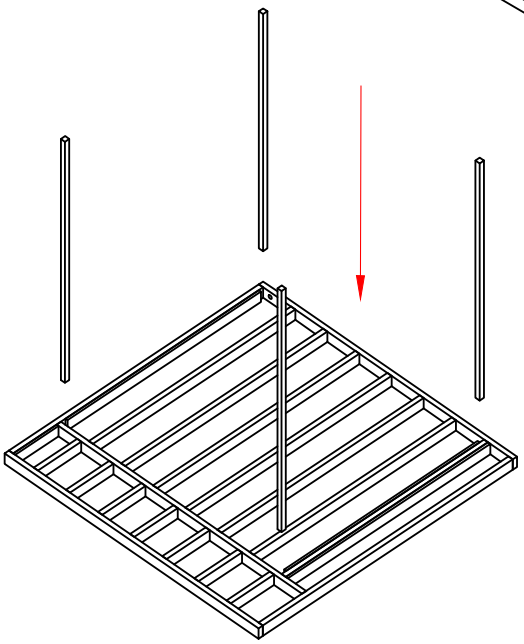




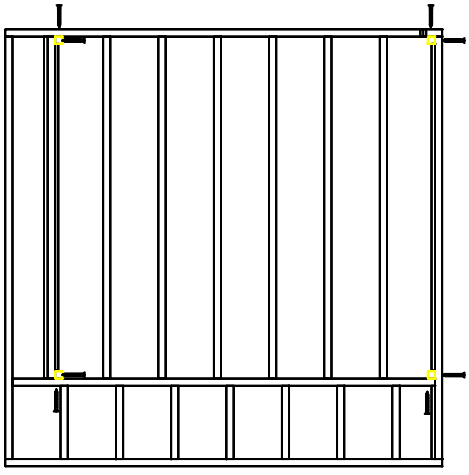
Stove Power

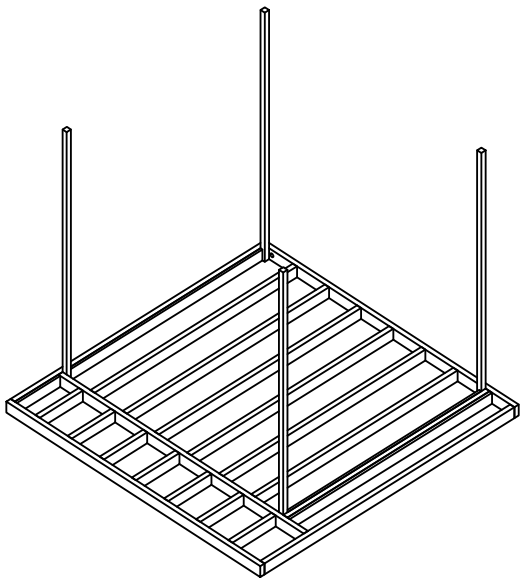


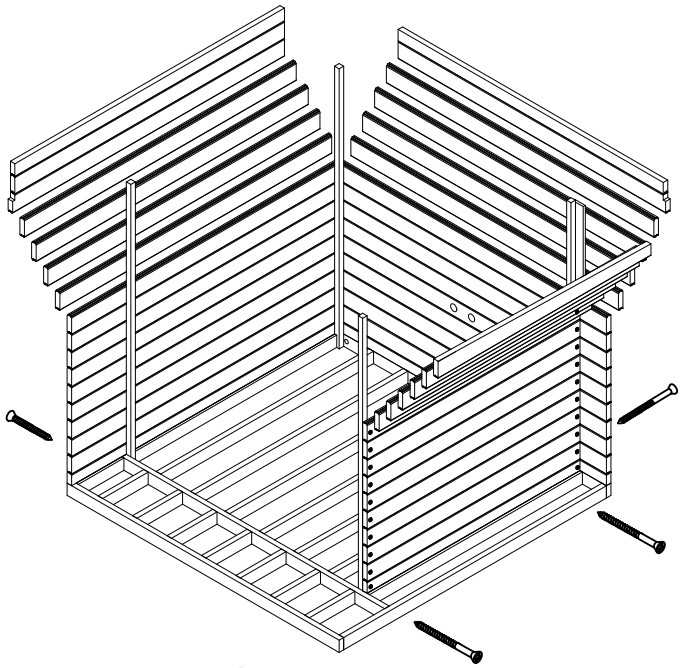
68-Ø4*70MM



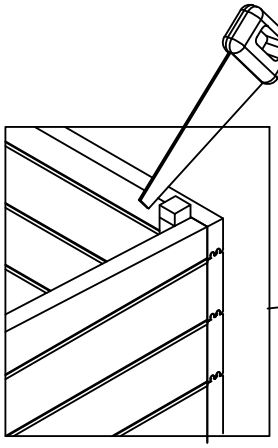
8-Ø4*70MM

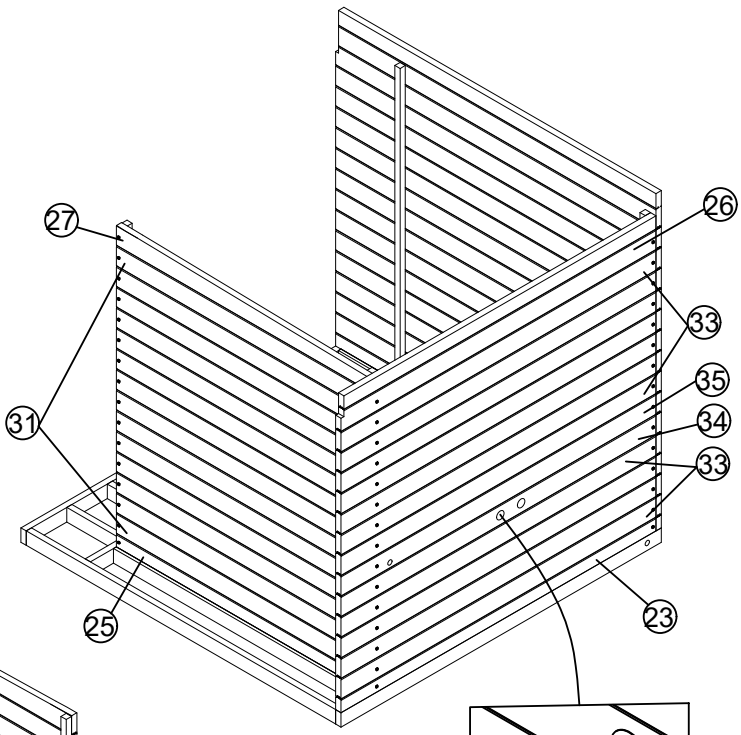


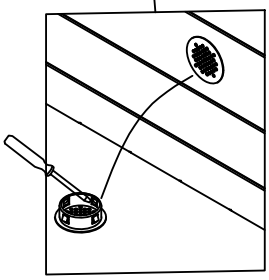


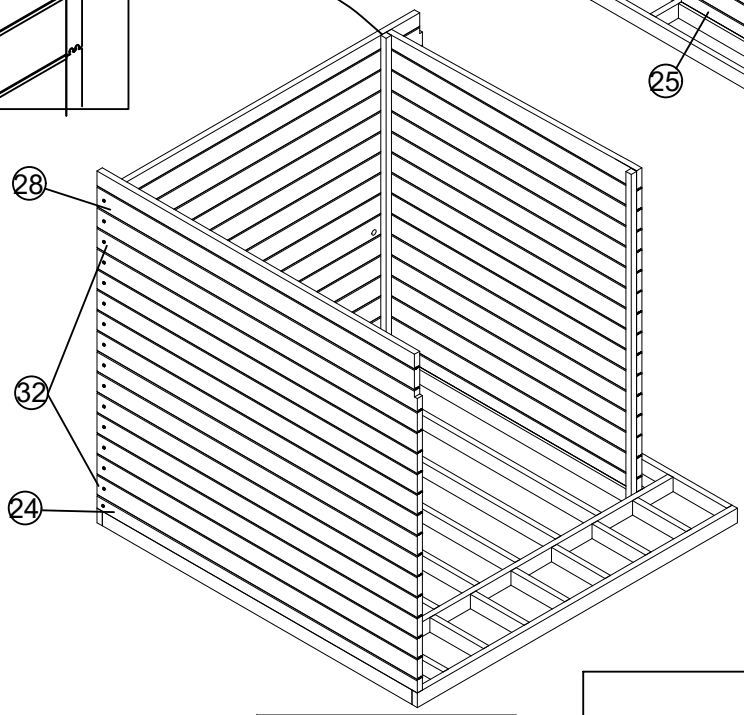


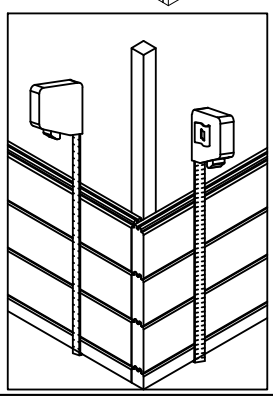
90-Ø4*60MM

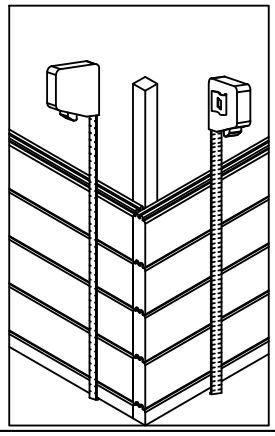


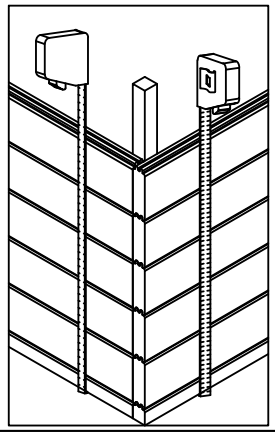




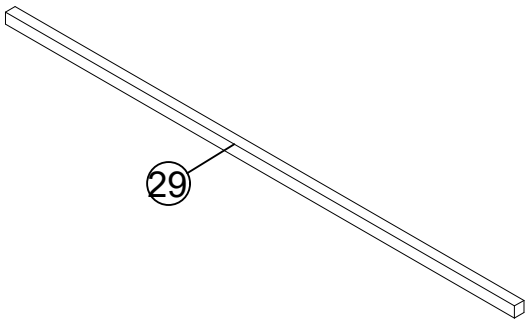


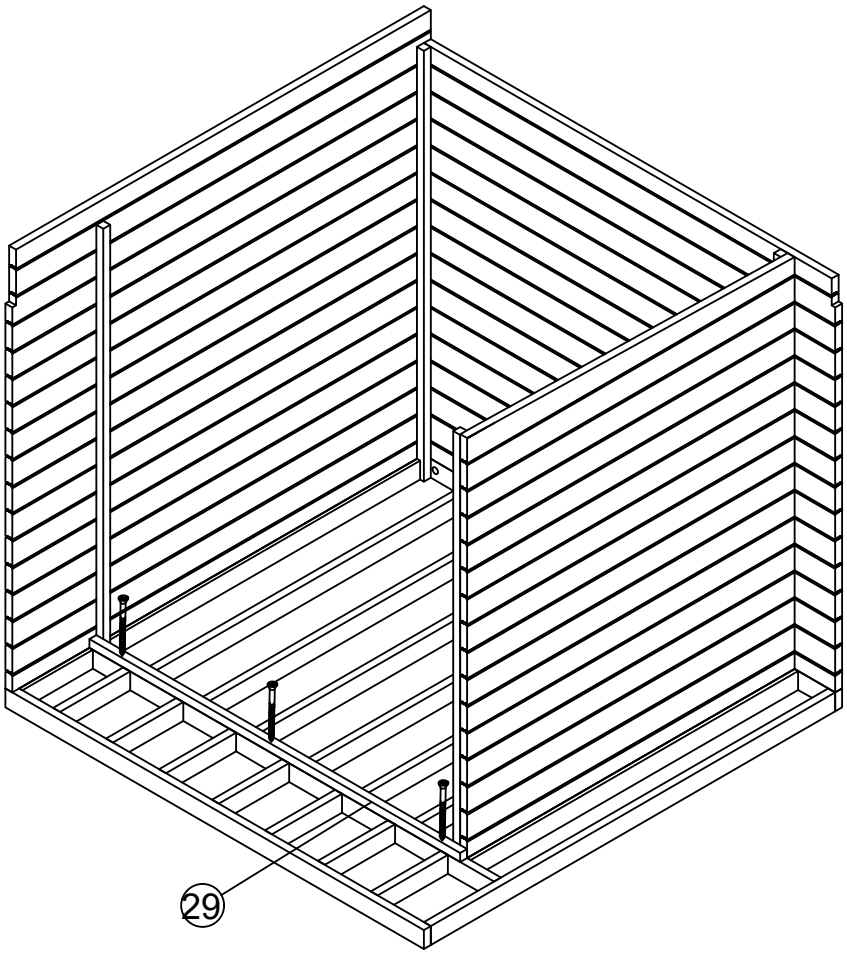




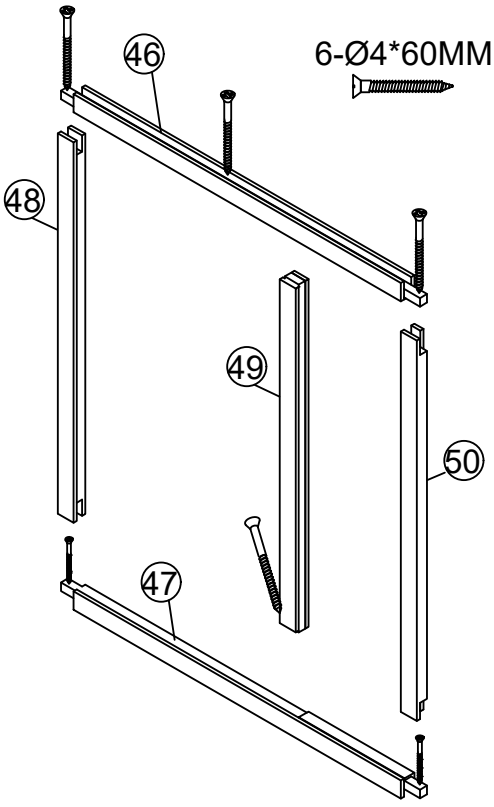


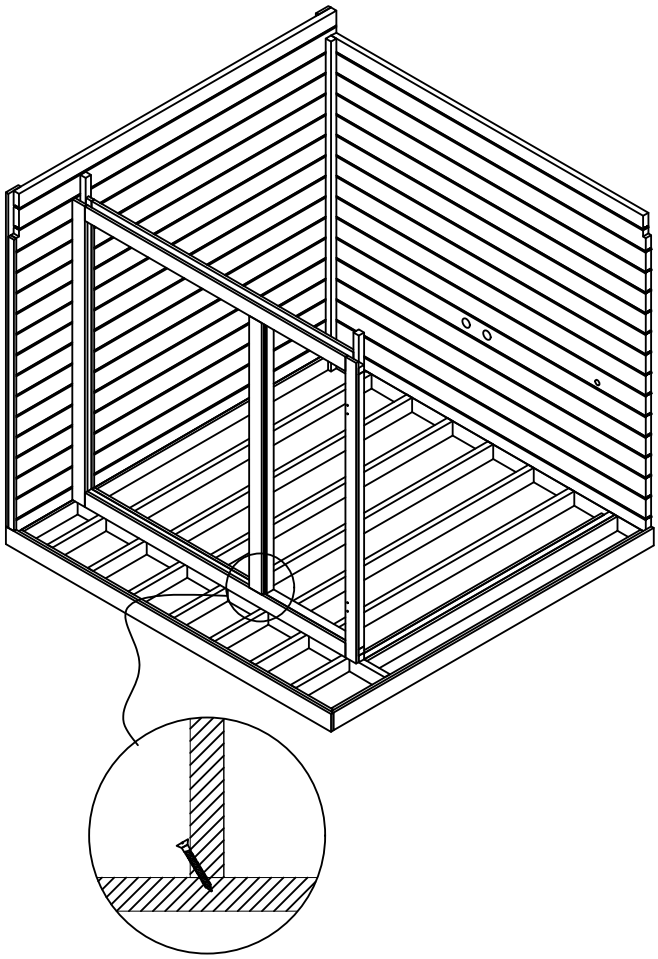
92-Ø4*60MM

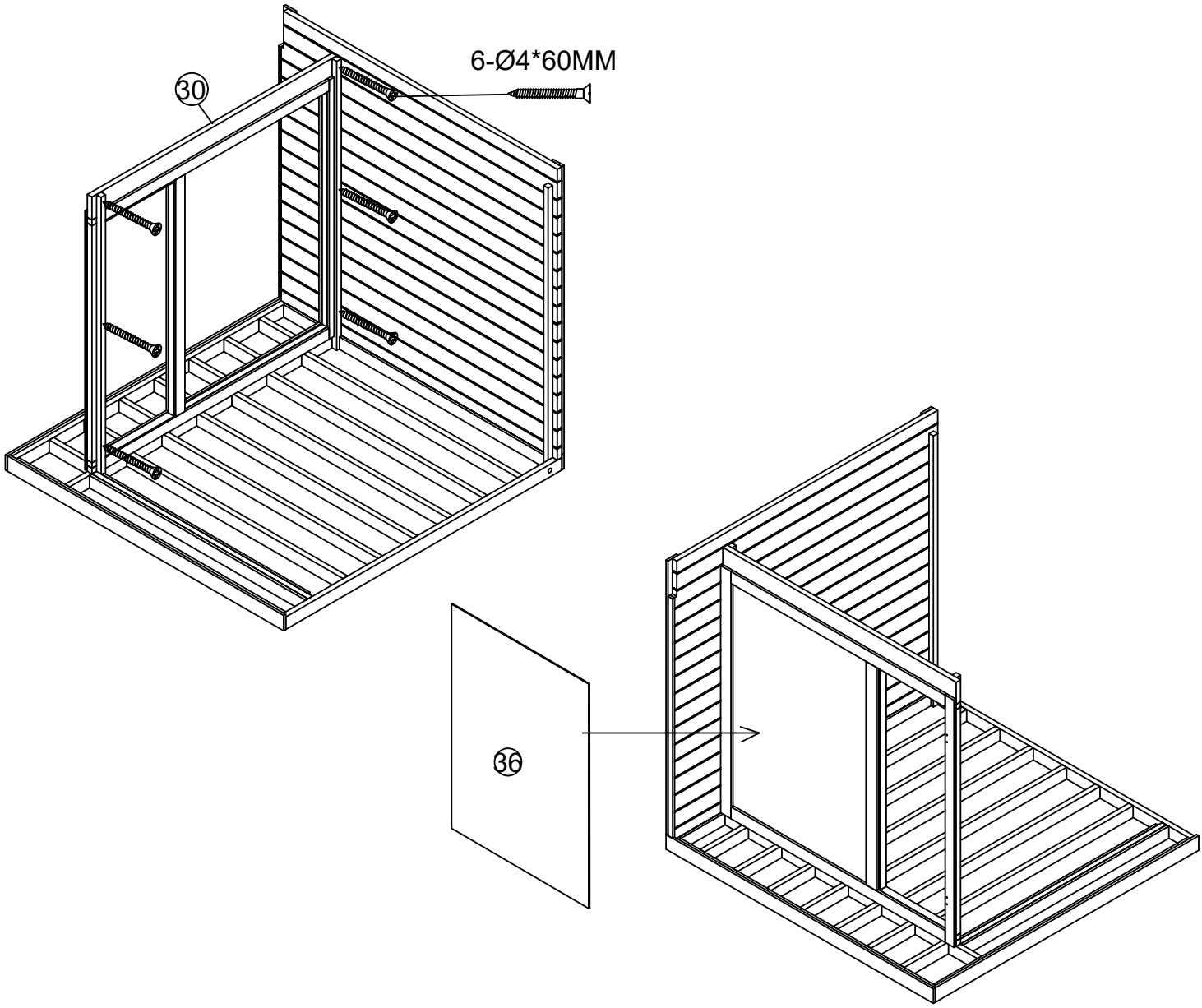


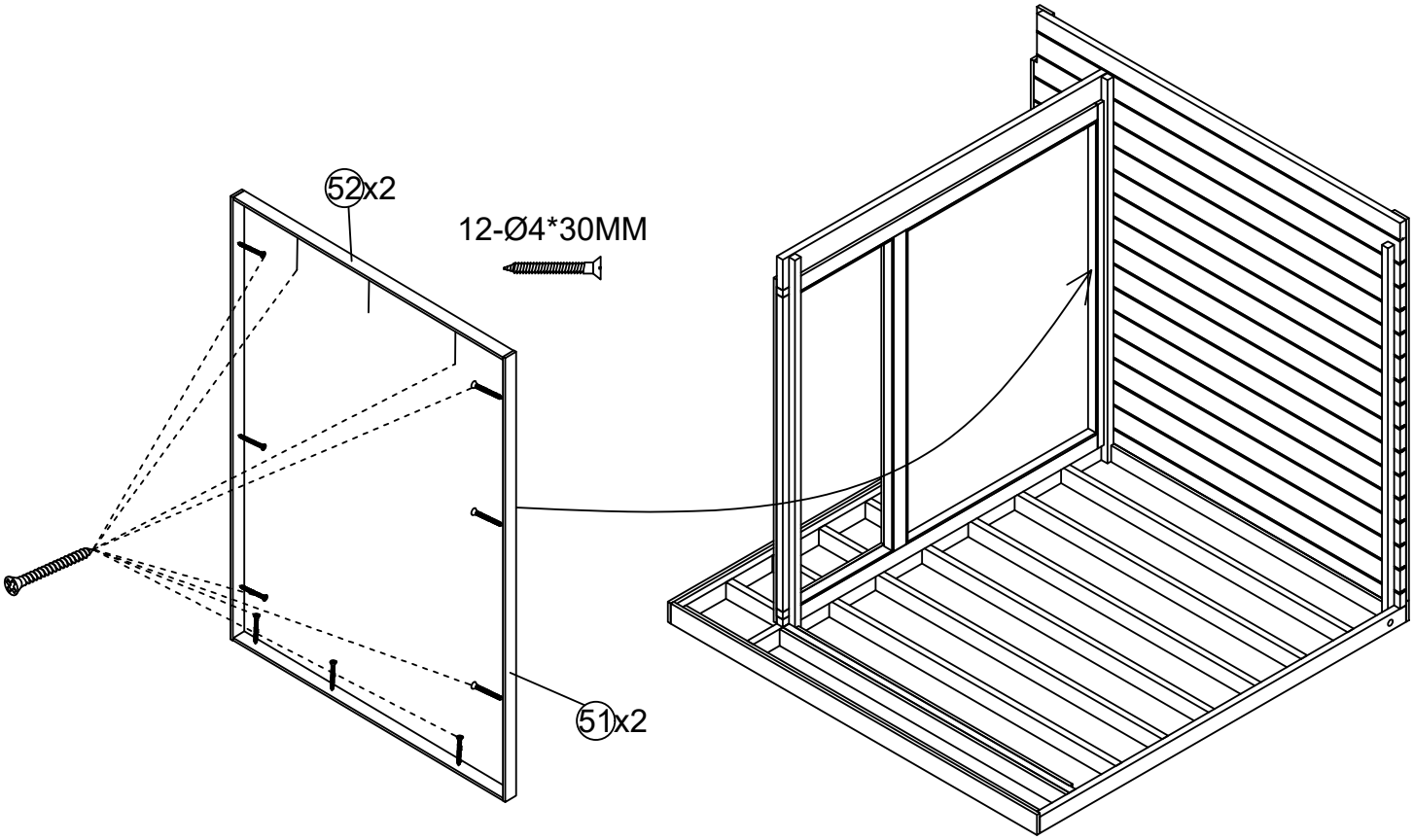


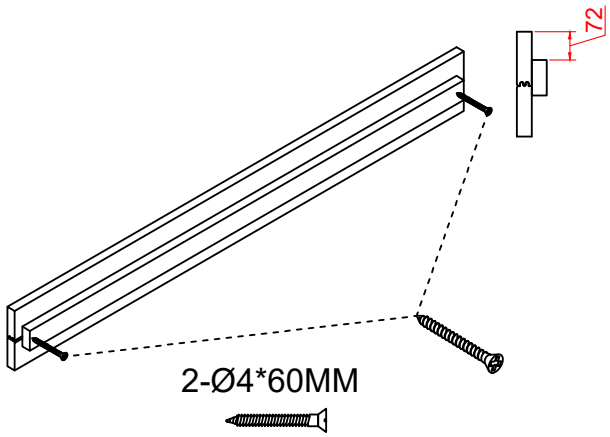
6-Ø4*60MM

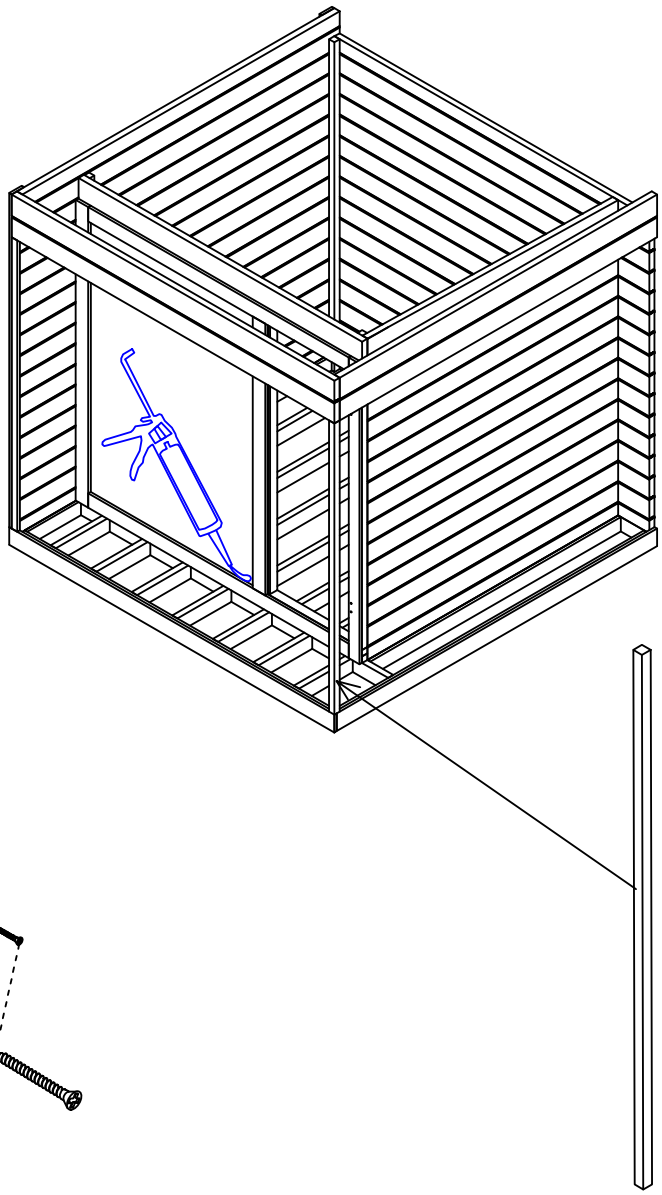




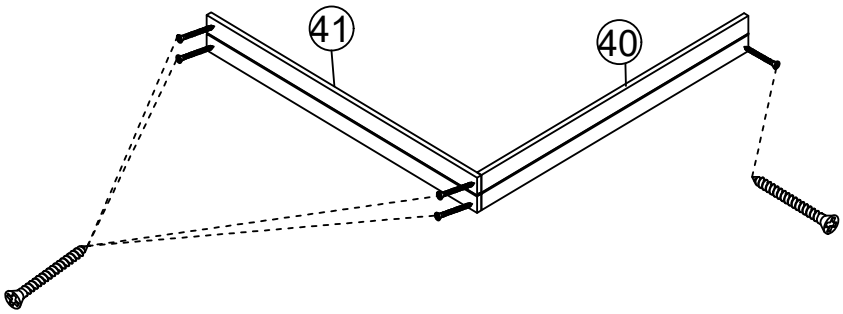

6-Ø4*60MM
30
36


52x2
12-Ø4*30MM
51x2

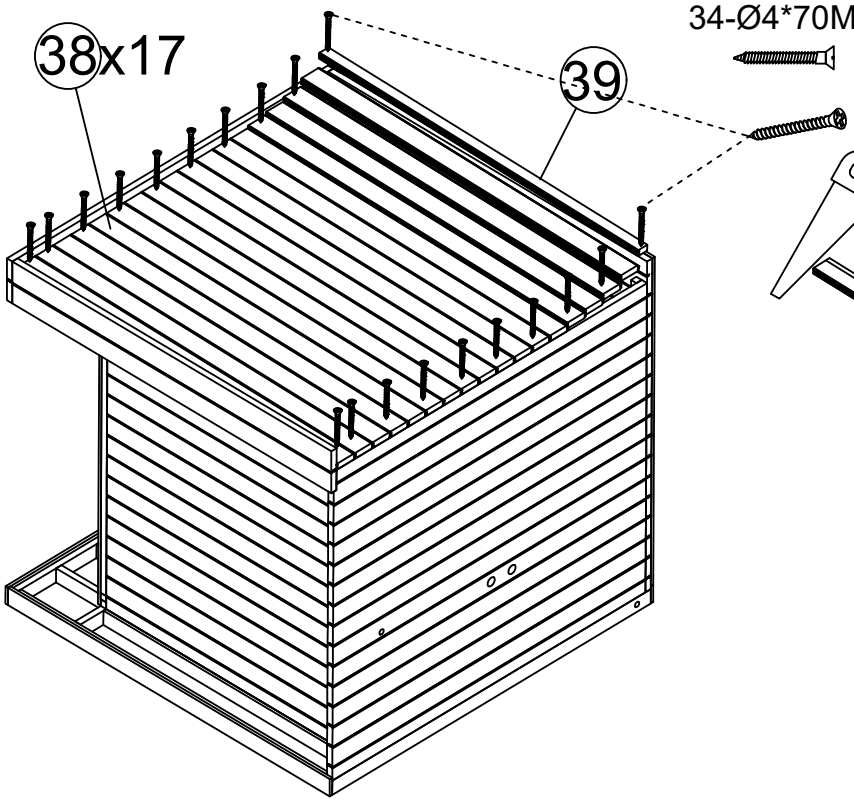


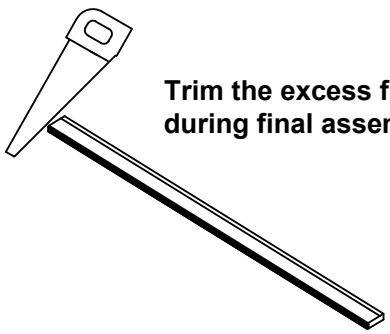


5-Ø4*70MM

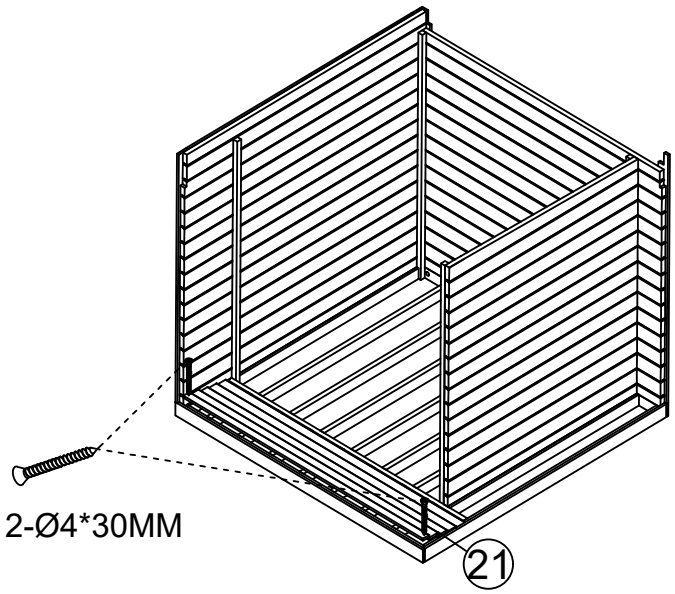


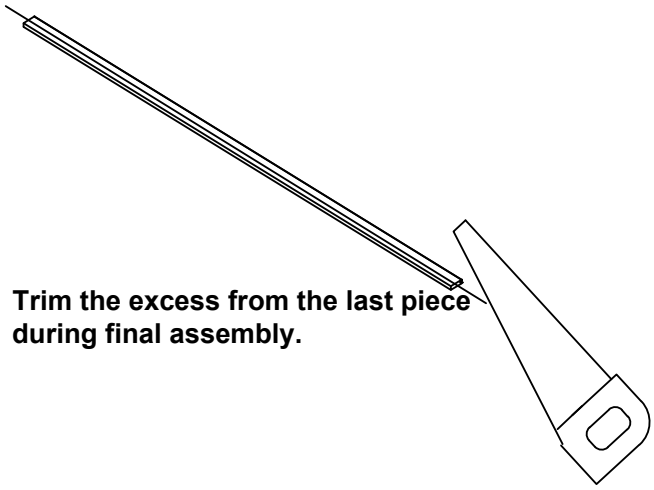
Remove this wooden piece after installation.



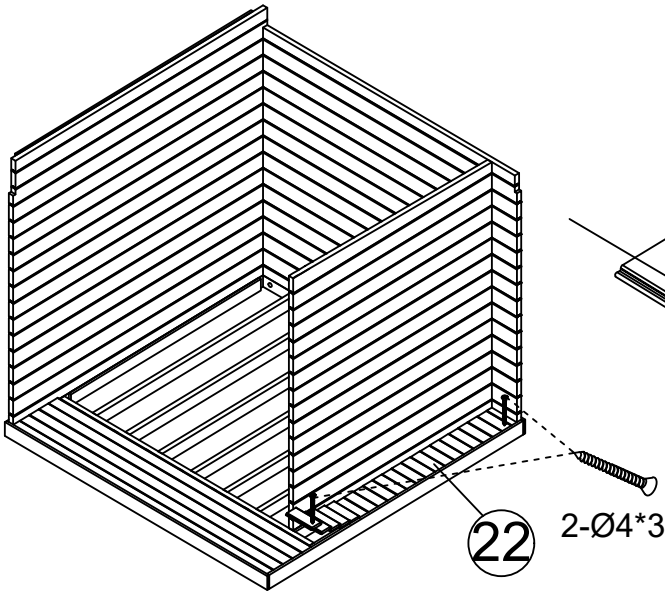


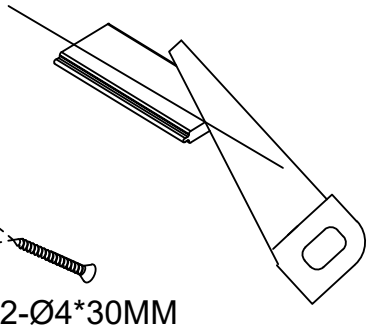
Trim the excess from the last piece during final assembly.



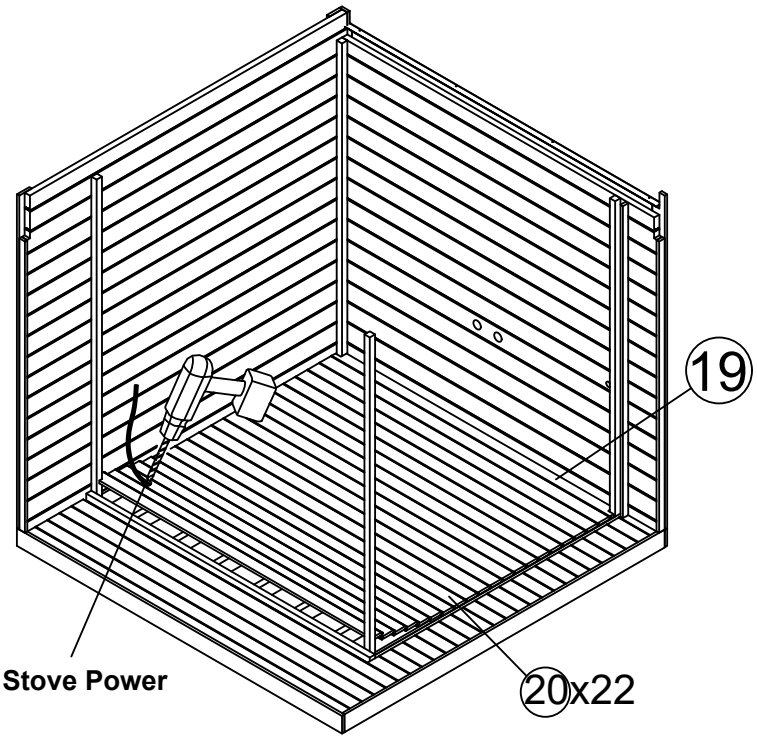


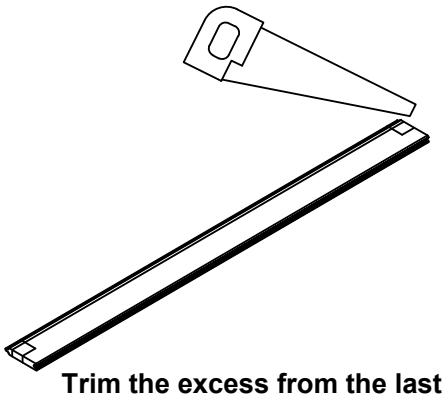
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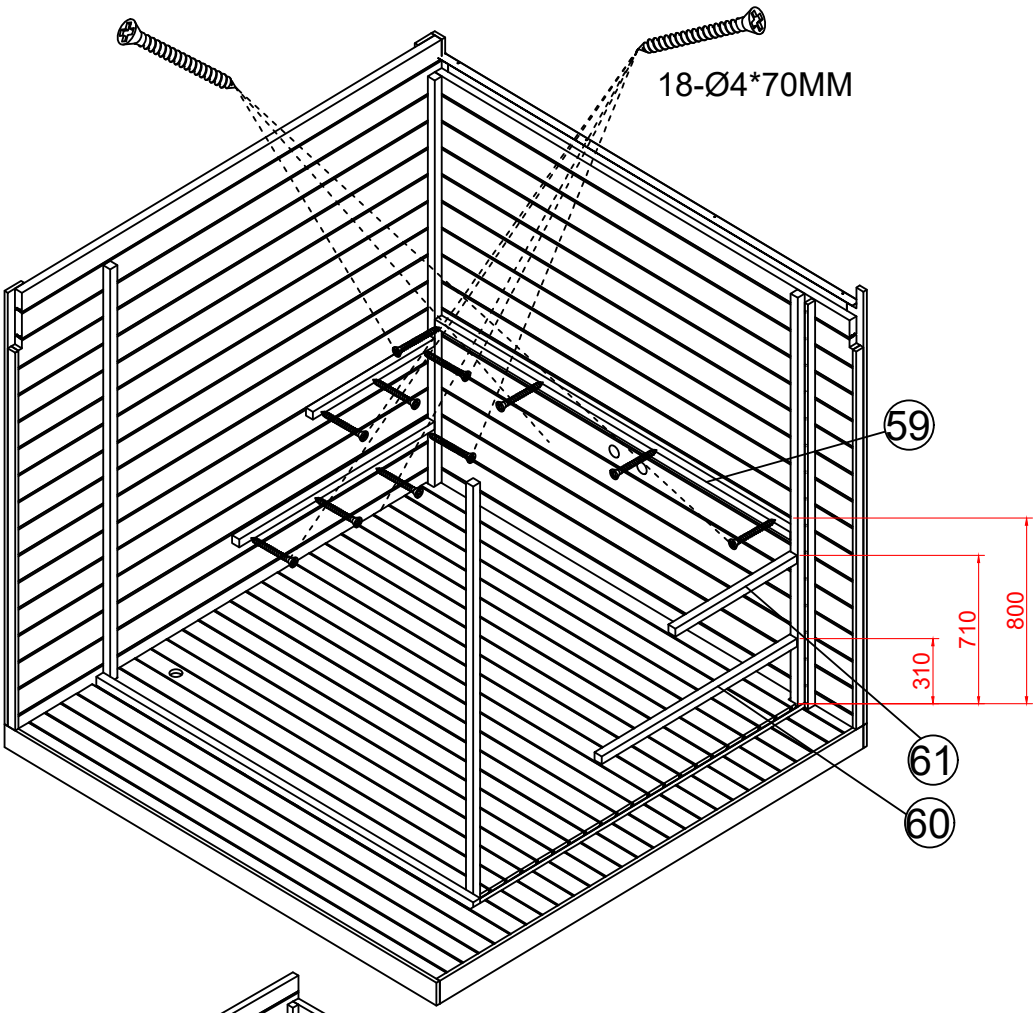


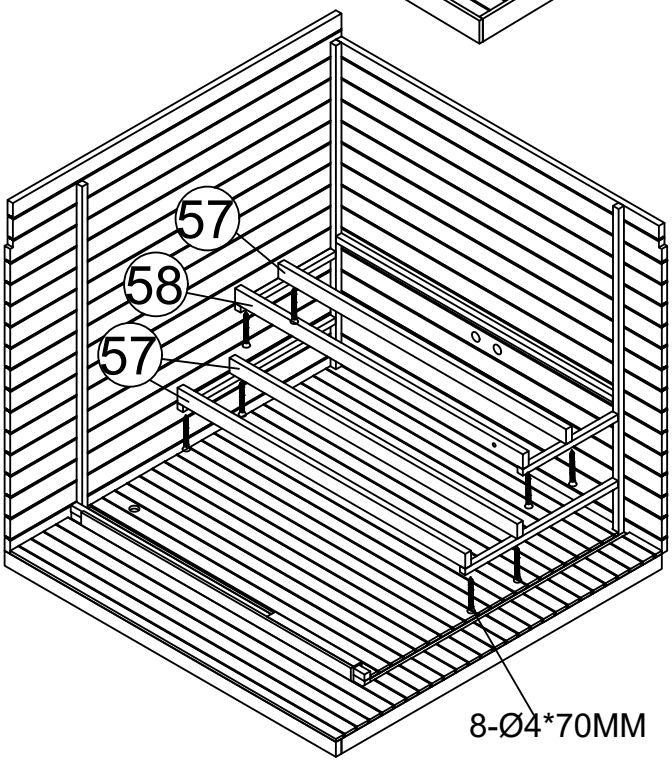
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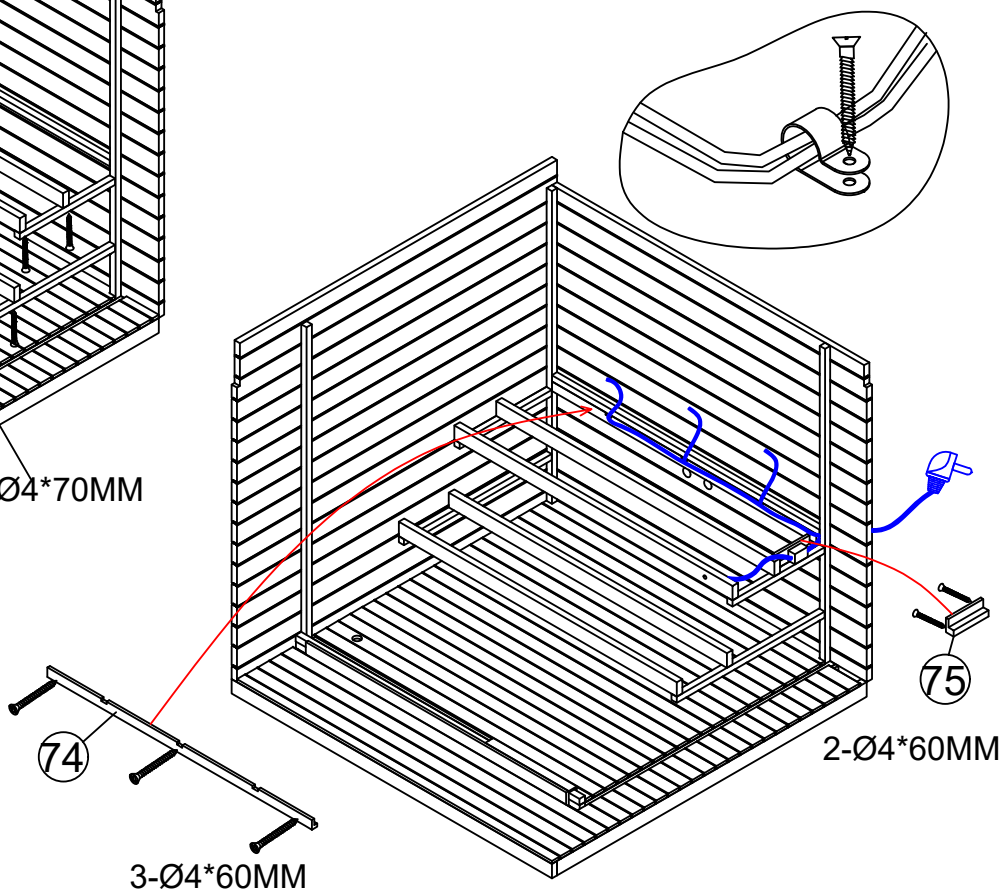


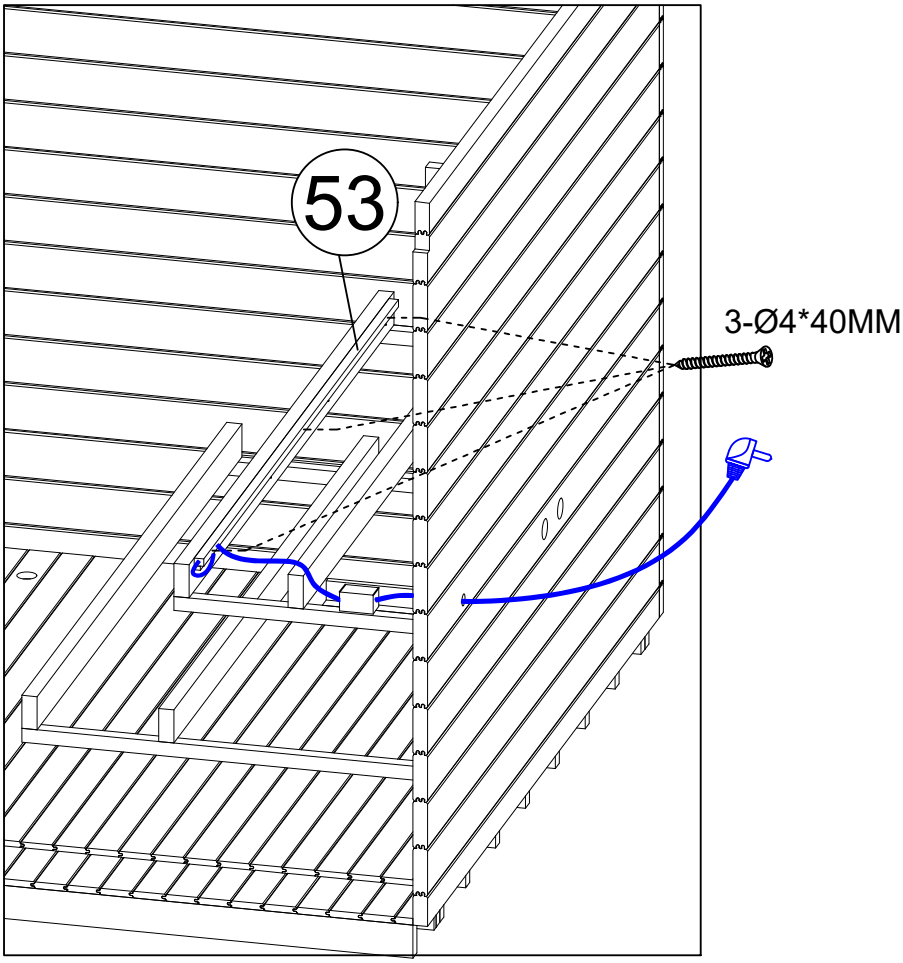


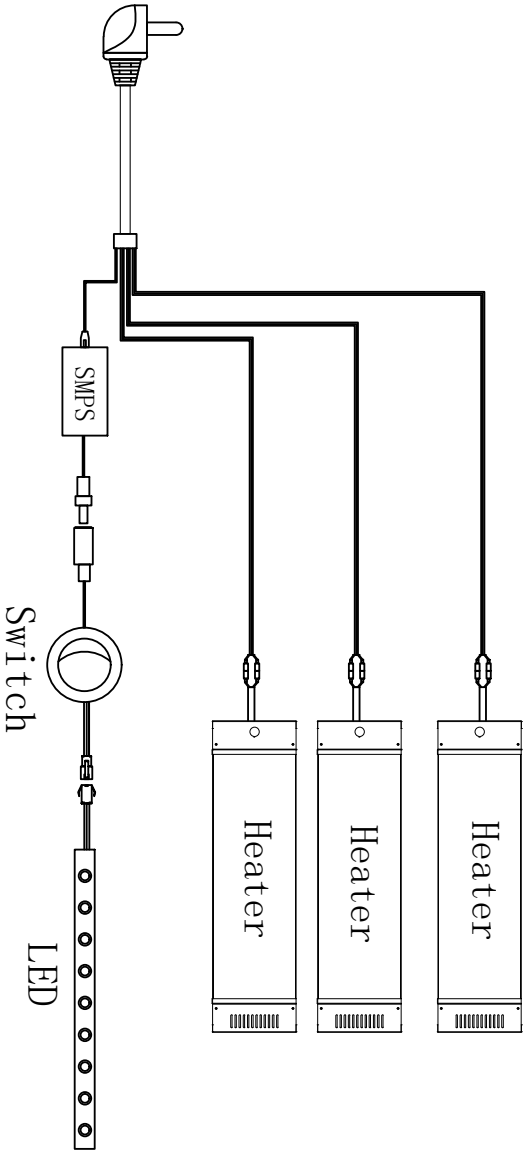
Trim the excess from the last piece during final assembly.

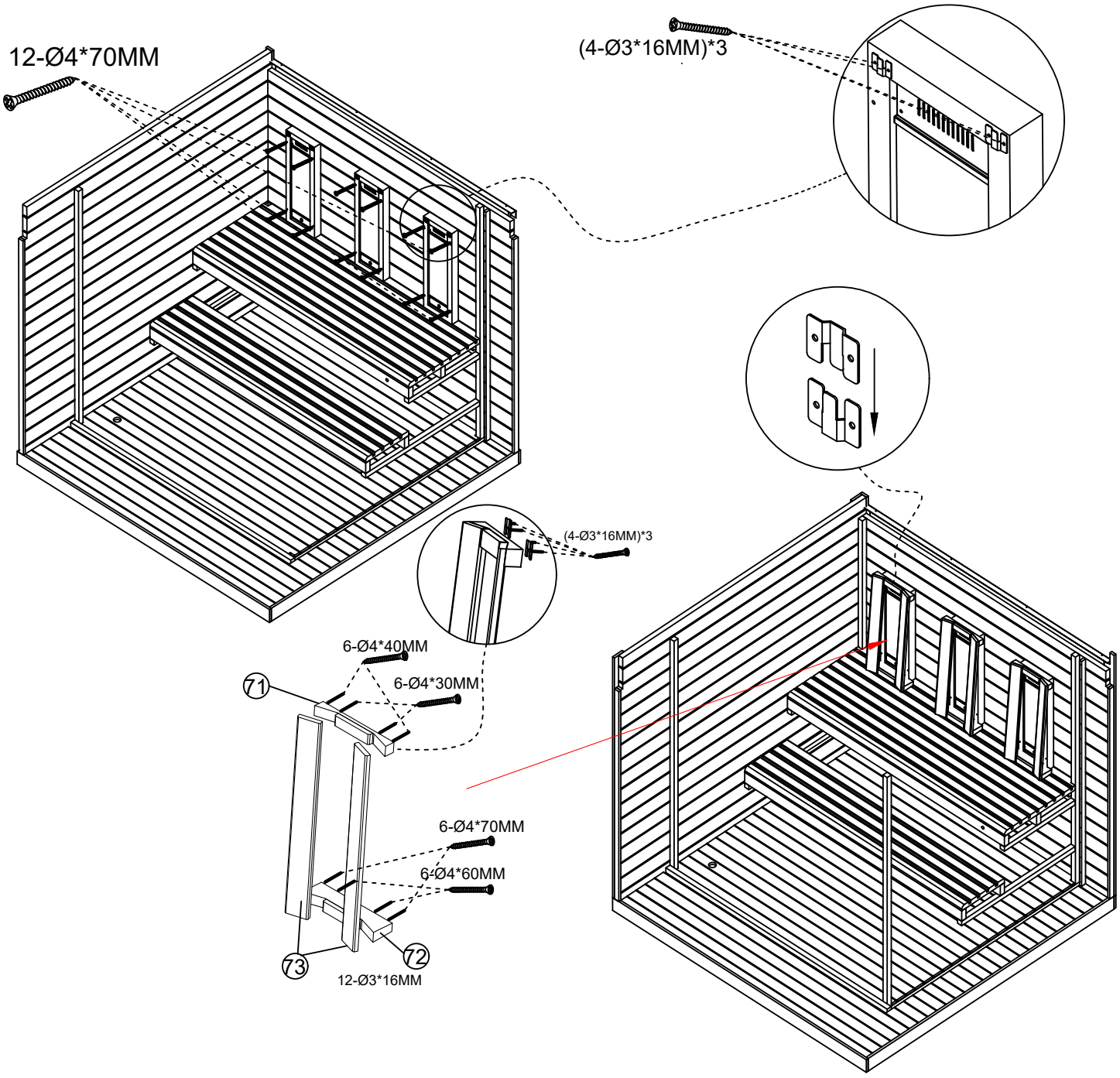

18-Ø4*70MM
59
310
710
800
61
60

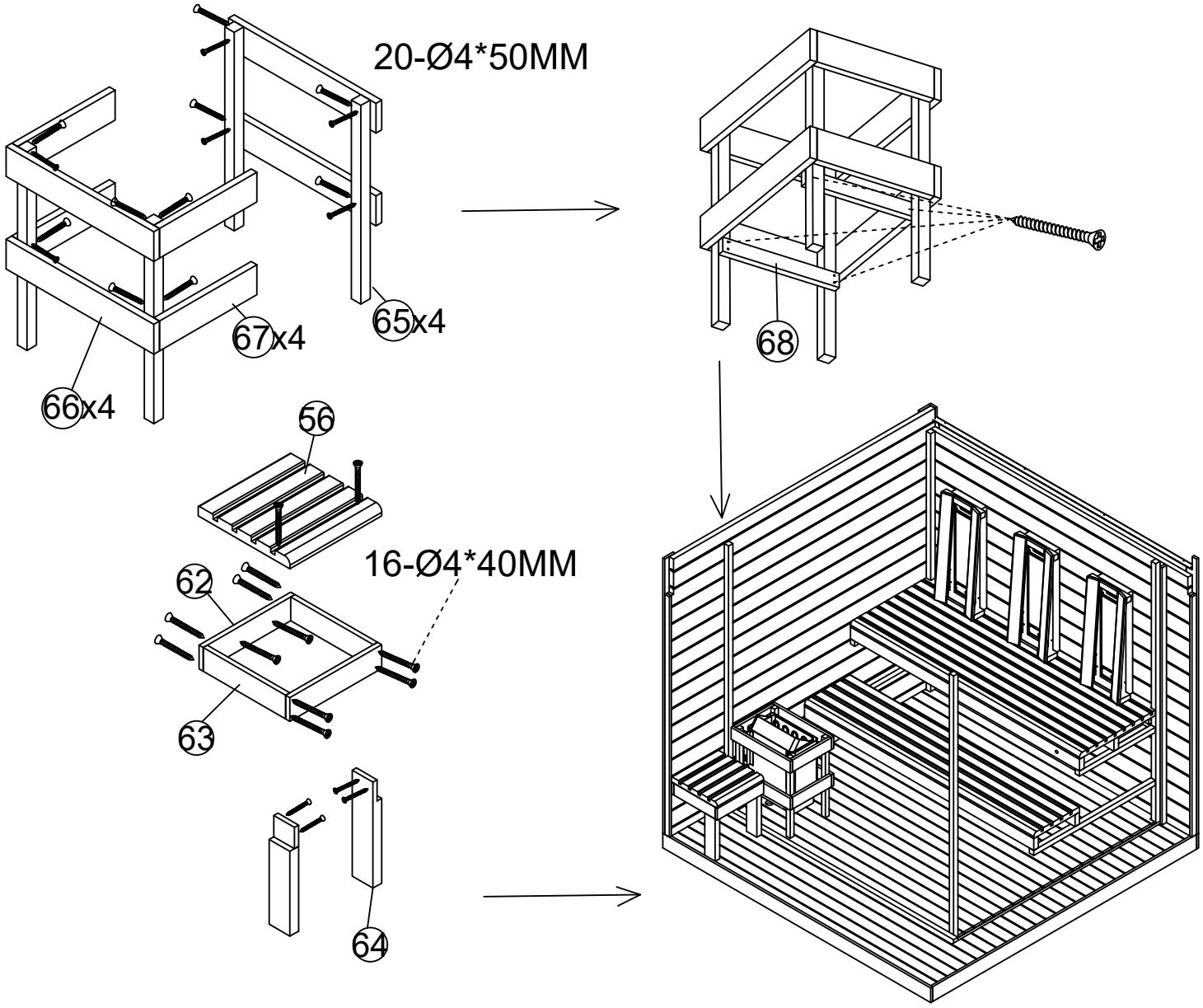

57
58
57
8-Ø4*70MM

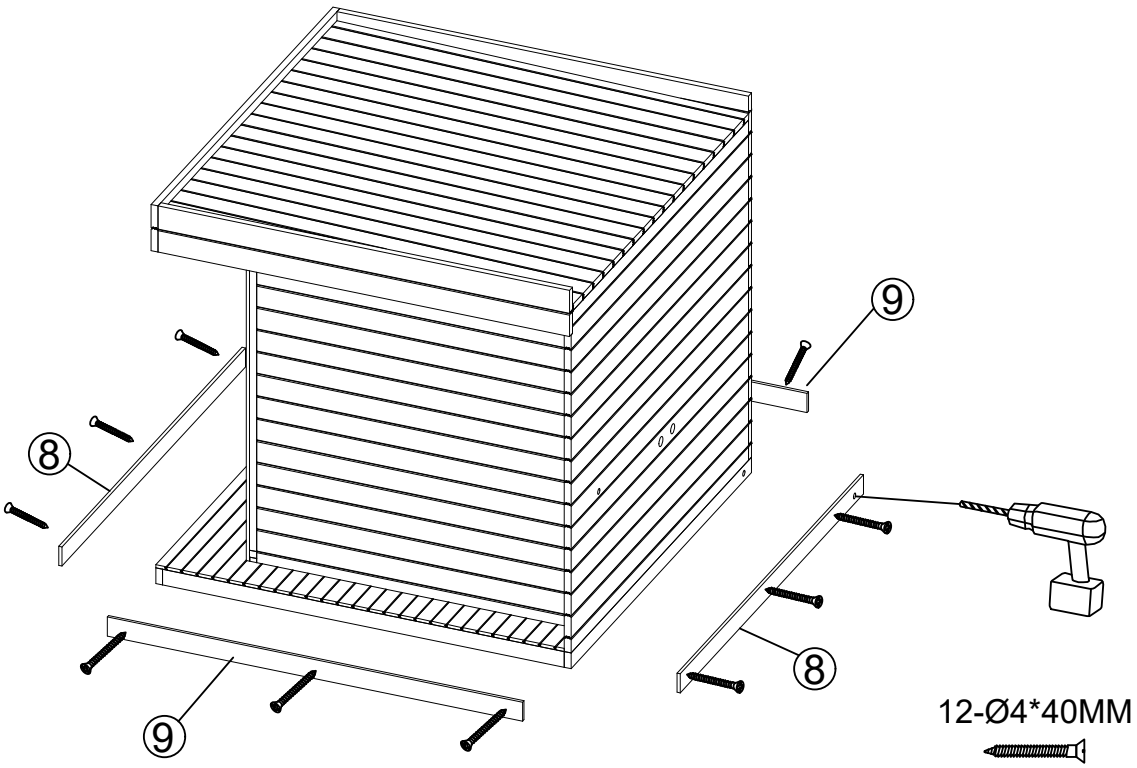

75
74
2-Ø4*60MM
3-Ø4*60MM

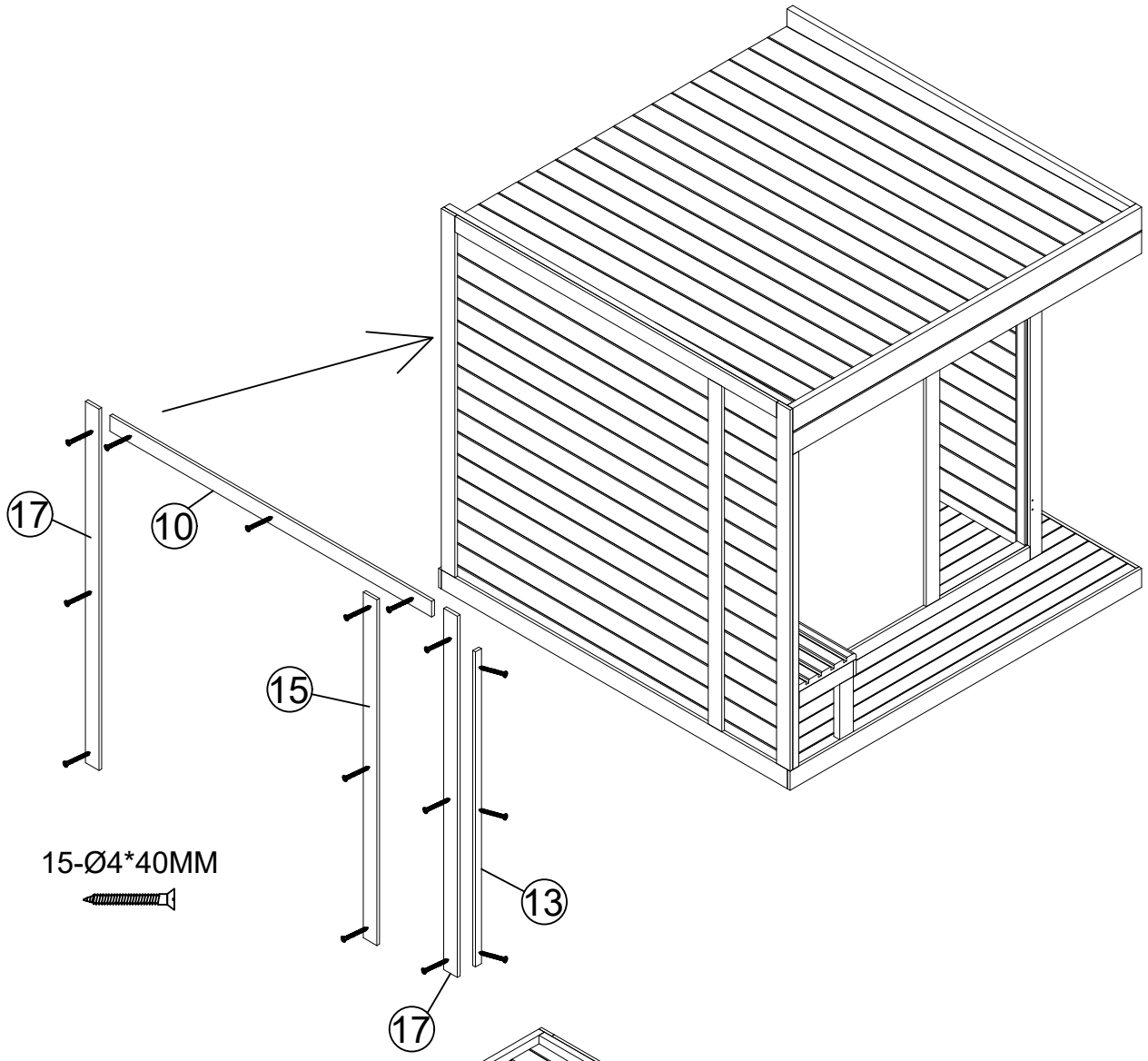

53
3-Ø4*40MM


SMPS
Switch
LED
Heater
Heater
Heater

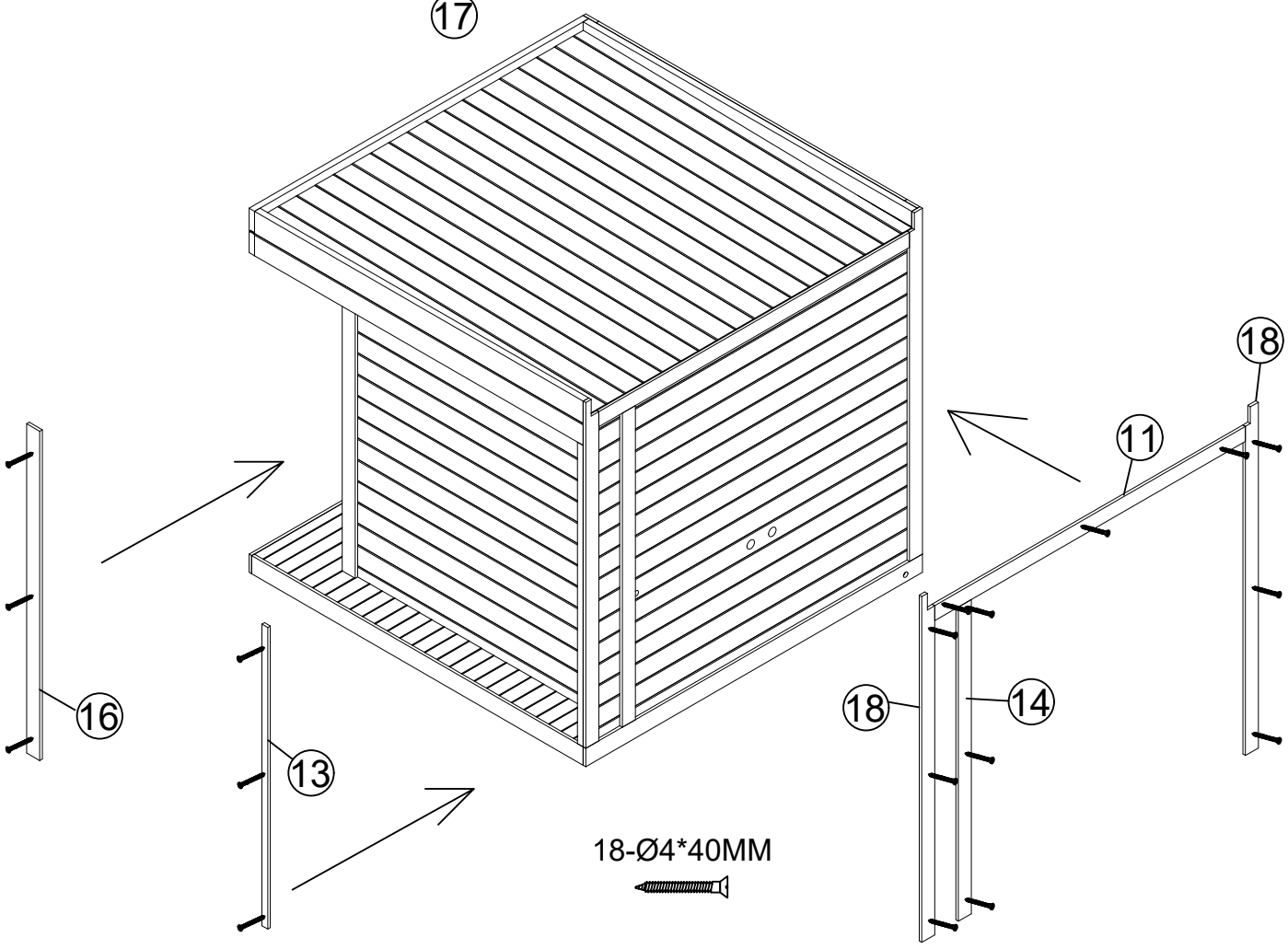

12-Ø4*70MM
(4-Ø3*16MM)*3
(4-Ø3*16MM)*3
6-Ø4*40MM
6-Ø4*30MM
71
6-Ø4*70MM
6-Ø4*60MM
73
72
12-Ø3*16MM


20-Ø4*50MM
65x4
67x4
66x4
68
56
16-Ø4*40MM
62
63
64

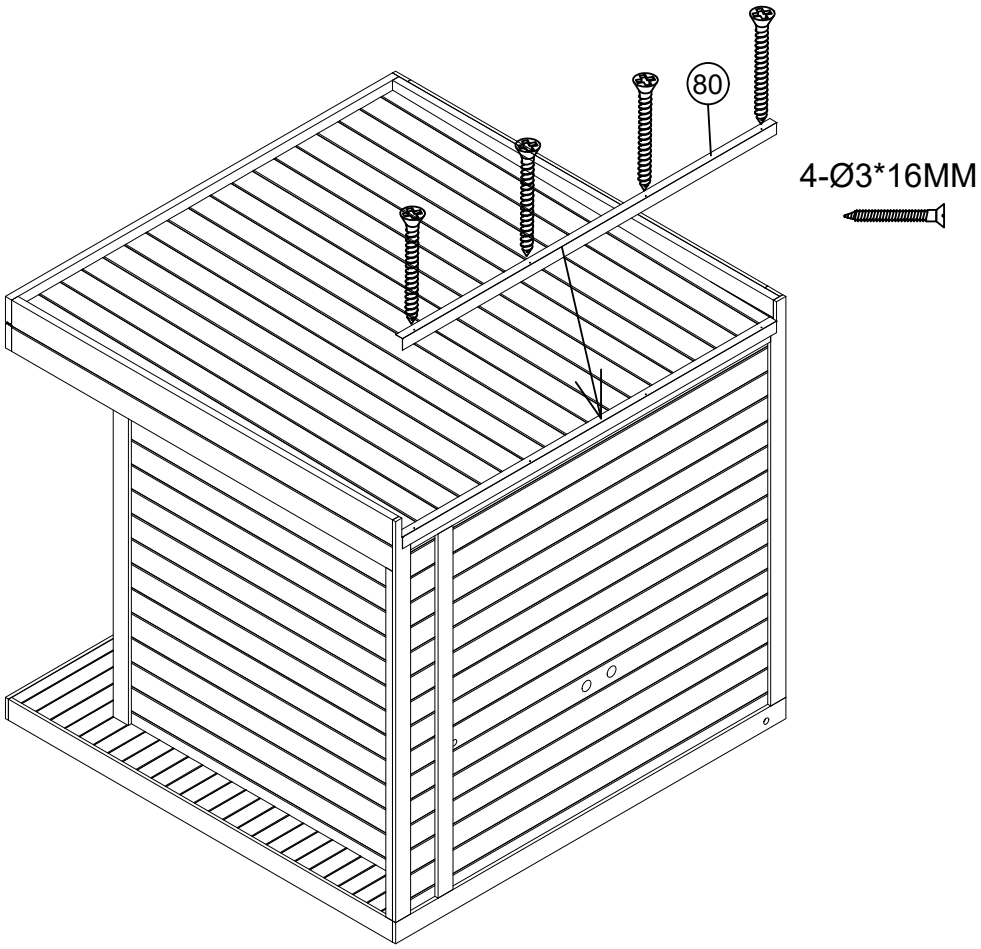

9
8
9
8
12-Ø4*40MM

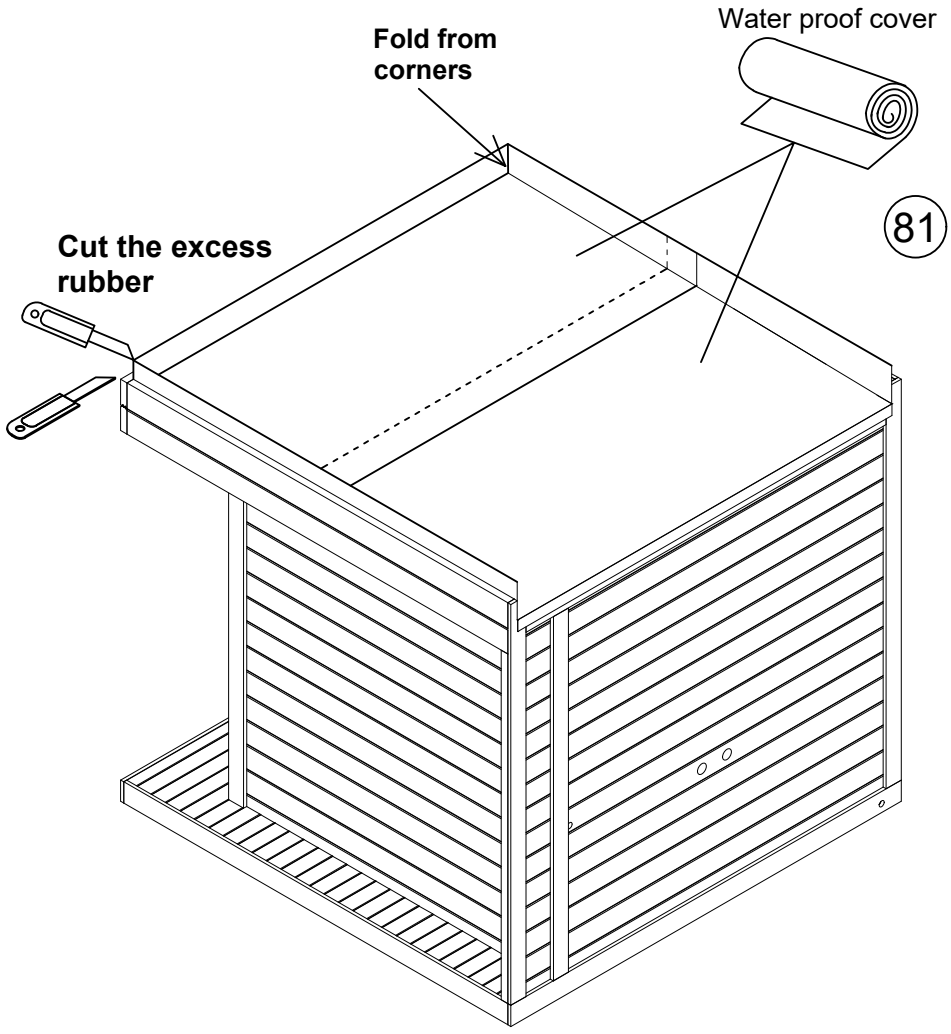


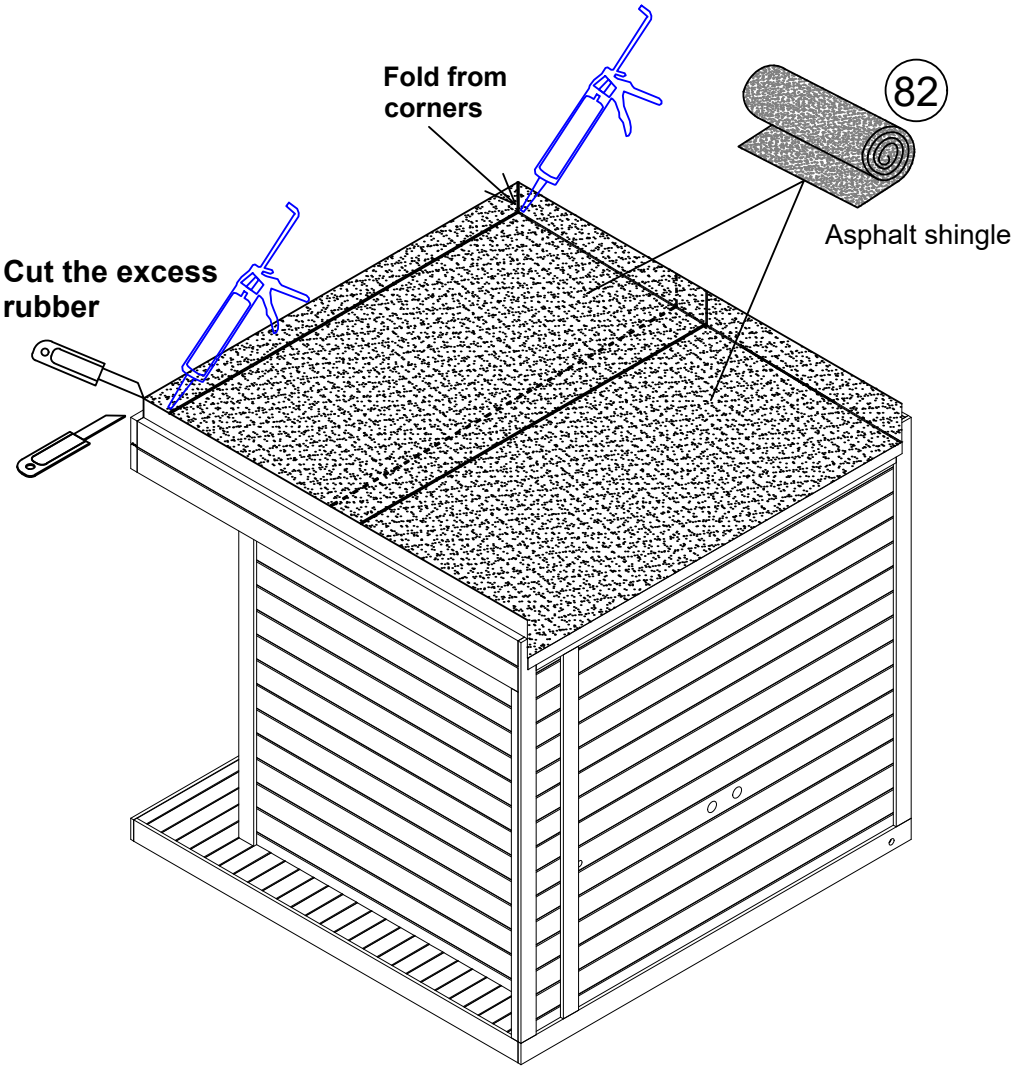
15-Ø4*40MM

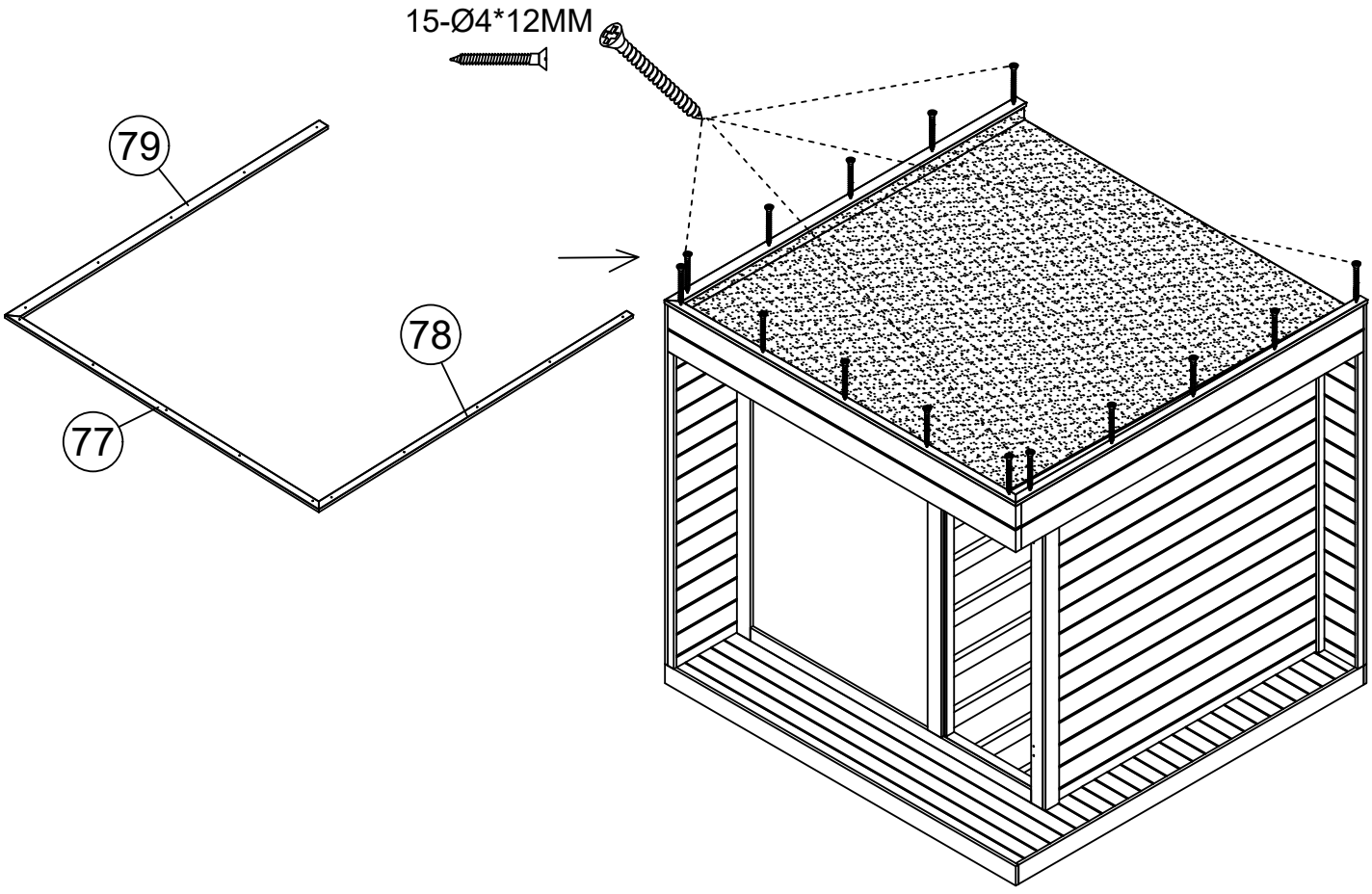


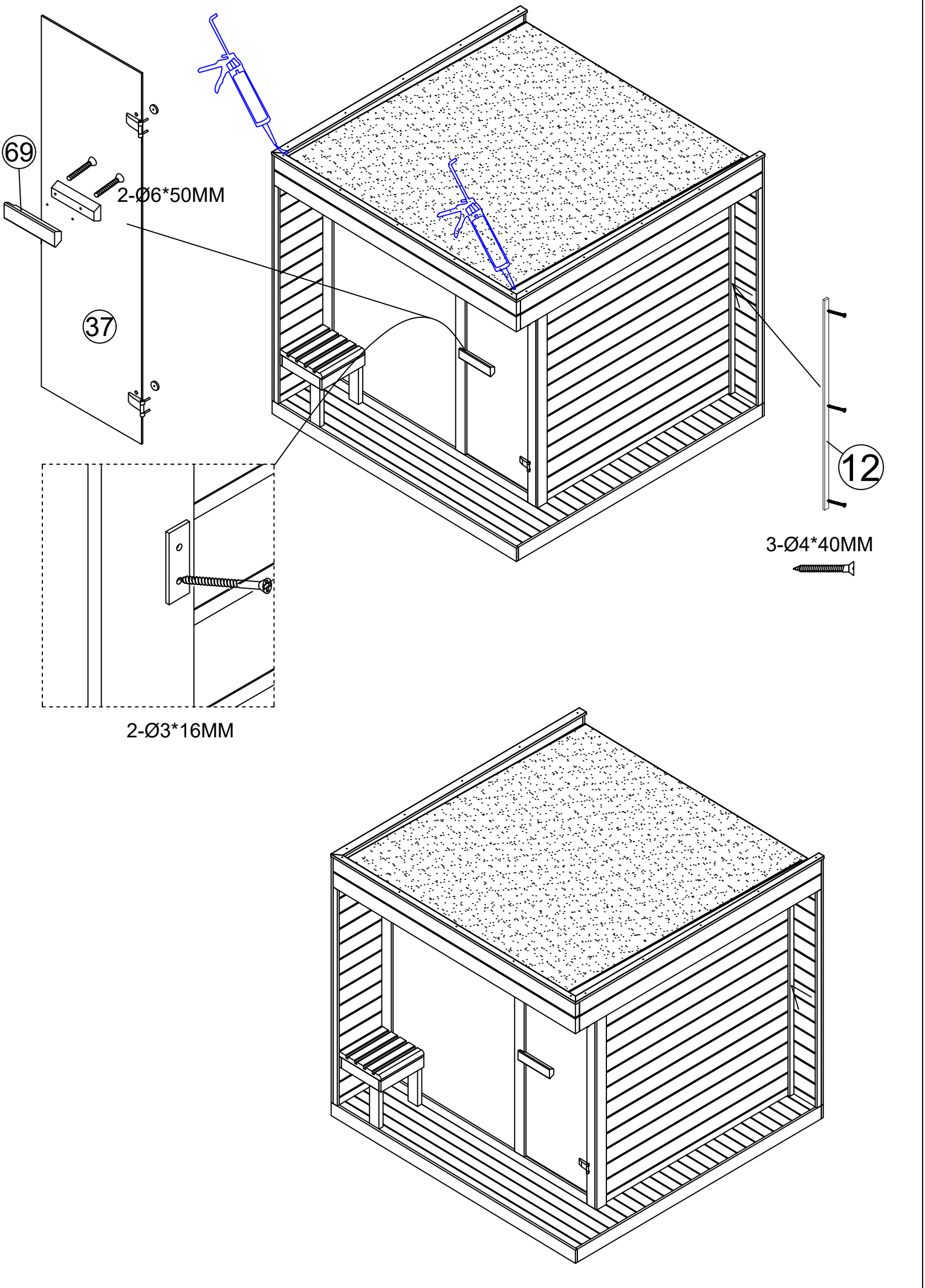
18-Ø4*40MM


80
4-Ø3*16MM

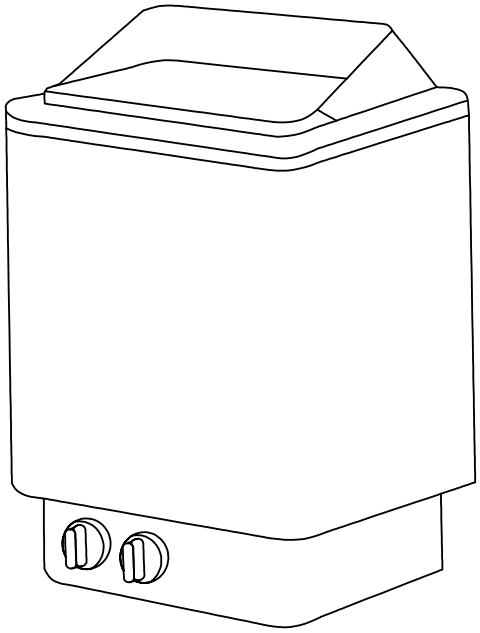

Water proof cover
Fold from corners
81
Cut the excess rubber


Fold from
corners
82
Asphalt shingle
Cut the excess
rubber


15-Ø4*12MM
79
78
77


69
2-Ø6*50MM
37
12
3-Ø4*40MM
2-Ø3*16MM

INSTALLATION MANUAL:FOR MODELS



SAUNA HEATER

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

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.



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: