Barrel sauna

KUUSI 240 Canopy

Ø 220 x 240 cm

ASSEMBLY INSTRUCTIONS
English

EN
DE
FR
IT
NL



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1. Preparing for installation

Read these assembly instructions carefully and keep them within reach. so that you can look up product information at any time.



These assembly instructions can also be found in the downloads section of our website: www.mediabank.harvia.com.

1.1. Important note

- Check with your local planning authority (municipal office, magistrate) with respect to the building regulations and load standards.
- A solid foundation is important for the durability as well as the safety of your outdoor sauna. We recommend having the foundation laid by a specialist.
- The anchoring of the outdoor sauna is the responsibility of the customer. No warranty in the event of damage.
- The outdoor sauna is delivered by lorry (also possible by semi-trailer truck). Access to the unloading area must be ensured.
- Before you begin work, check the parts list to ensure that all the individual parts have been delivered. If you discover any missing parts, notify your dealer within 14 days of receiving the sauna cabin.
- Keep the delivery note, the invoice and the assembly instructions in a safe place in case of any questions.
- You need manual skills and an assistant for the installation.
- All screw fittings must be pre-drilled.

EN



Attention!
The electrical connection may only be performed by a qualified electrician or similarly qualified person.

- We recommend installing the bitumen shingles included in the scope of delivery promptly after completion of the barrel sauna.
- Wood is a natural product that can swell, shrink or warp, despite good storage. For this reason, some force may be necessary during the installation.
- The wood of the outdoor sauna is untreated. To increase the life expectancy, we recommend painting the outside with a suitable paint to protect the wood.
- The inside of the wooden parts used must not be treated with any paint.

- When it rains, water can enter - the sauna barrel is not 100% watertight. To drain water from the floor, two holes are pre-drilled in the groove for the front and back walls of the lowest stave. These should be open at the bottom after the metal bands have been fitted, so that the water can drain away.
- Condensation can cause water stains, especially under the glass pane. Dry the barrel sauna regularly by heating it up without infusion or, in the case of a combi heater, using the post-drying program.
- When using an electric sauna heater, please note
  - The external sauna control unit should be protection class IP65 or
  - Installation of the external sauna control unit in a protective housing
- Please note when using a combi sauna heater:
  Always empty the vaporiser water after the sauna (formation of bacteria and risk of frost in winter).

1.2. Foundation

The following foundation elements have proven themselves in practice - see page 9:

- Foundation slab (base plate)
- Strip foundation

For both types, a foundation that is absolutely flat and load-bearing must be ensured. Only then can the assembly of the outdoor sauna be ensured without any difficulties and with a precise fit.

1.3. Anchoring the outdoor sauna

The outdoor sauna must be firmly anchored on the base plate or the strip foundation. Strong winds can exert a powerful force on the garden sauna. To prevent damage to your, or third party, property proper anchoring is essential.

We point out that anchoring the garden sauna is the responsibility of the customer and we do not accept any liability for accidental damage.

1.4. Tools required

- Hammer with a wooden block and a mallet
- Cordless screwdriver with bits for cross-head screws and Torx
- Roller tape measure
- Drill bits with a diameter of 4 mm, 5 mm, 6 mm, 20 – 30 mm
  (for sauna heater power cable)
- Spirit level
- Open-ended spanner

- Utility knife
- Ladder
- Saw

This symbol indicates tips and useful information



Pre-drill



Cut to correct size



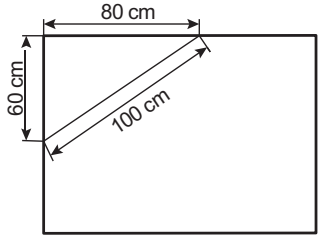
Nailing



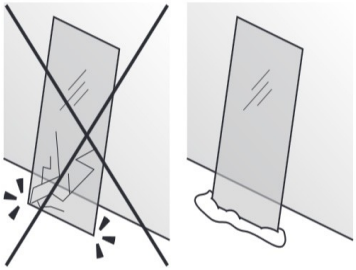
Carry out wiring

EN

Check the right angle:



Handle glass with care: Special care must be taken with the edges of the glass — hardened glass can shatter into small pieces in the event of impact. Insert protective cushioning (e.g: cardboard box) under the edge of the glass.



1.5. Maintenance and cleaning

- The sauna should be cleaned inside with a damp cloth. Use warm water only - if required, we recommend Harvia Sauna Cleaner (SAC25040 - Cleaning and disinfection)
- If the sauna will not be used for an extended period, we recommend heating the cabin once a month to prevent the formation of mould.

Pitch pockets are not grounds for return, since they can always appear in spruce wood and the depth at which they lie cannot be detected during the sorting-out process.

If these are just under the surface, heat can cause them to soften and “bleed”.

The leaking pitch can be removed with a rag soaked in acetone. If only droplets of pitch occur, allow these to harden and then carefully scrape them off with a knife.

1.6. Disposal



- Dispose of packaging materials in accordance with the applicable waste disposal regulations.

2. Assembling the cabin

ATTENTION!
Note the floor plan on Page 10 and illustrations from Page 9 onwards.

2.1. Mounting the feet

Place the impregnated feet[1,33] on the foundation (see page 9) as shown in the illustration (see page 12). Fix them temporarily with two staves [3a,b].

Make sure that the feet are fitted parallel to each another.
Note the power supply!

2.2. Assembling the barrel staves

Start by placing the lower stave[2] in position (with drain – see page 13).

Always put the staves together with the round part facing upwards.

EN

Lay five staves [3a] to the left and five to the right [3b] and screw to the feet. Make sure that there is no visible gap between the staves.

2.3. Assembling the front and rear wall

Connect the individual parts of the front wall[7a,b,c,d, 31] and the back wall[8a,b,c] (see page 14, 15).
Place the walls in the groove of the staves. Check the vertical alignment with the spirit level and provisionally fix in place with two staves.

For the lighting, fix the wooden strip[12] in the centre of the back wall, approx. 10 cm above the floor grid.

2.4. Completing the barrel

Note the placement of the staves with cable duct [3c,d]: 2 pcs. below the benches (row 10) - for light; 2 pieces for free use.

Fit the remaining staves. Fix them to the front and back walls using screws.

Closing the barrel: Use whatever is required from the supplied filler set (= stave in strips) (= staves[4] with strips[5,6]).

Mount the tensioning bands[24] (see page 18).
Before tensioning the metal bands, remove the screws from the staves.

Note that the tension rods[23,25,26,27] are positioned in the lower half of the barrel sauna.

Tighten the metal bands so that there is no visible gap between the staves. This must be checked regularly and retightened if necessary.

2.5. Mounting the door

Place the door frame[13,17] in the opening from the inside. Note that the door opens outwards – the door can be attached on the left or on the right.

Fix the door in place from the outside using the cover strips[15].

The door handles are screwed from the inside.

2.6. Installing interior fittings

Fit the bench support slats[9a] at a height of approx. 52 cm to the lower stave.

Position the benches[18a] and screw them to the stave.
Mount the backrests[19] approx. 20 cm above the bench.

2.7. Installing outside beches

Fit the bench support slats[9a,b] at a height of approx. 52 cm to the lower stave.

Place the benches[18b] on the bench support slats and screw the feet[39].

2.8. Installing accessories

Position the floor grid[11] so that it is level.

Assemble the protection grille[35,36,37,38].

Fit the ventilation panel[29] on the inside and the insect screen[28] on the outside.

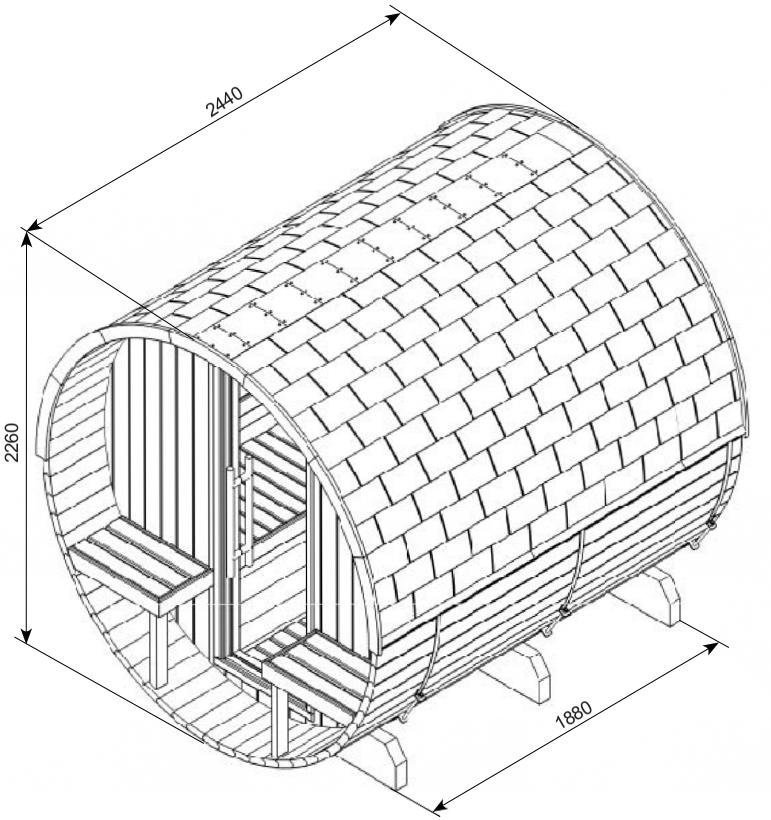
For the lighting, first fit the metal clips on the wooden strip. Clamp the LED strip[22] and drill a hole for the cable gland at the desired location (the power supply unit may be placed outside the sauna).

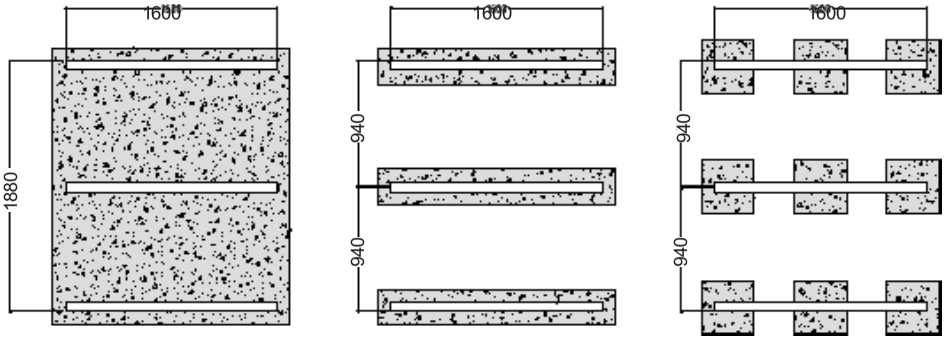
Use the cable cover slats[21a,b] as required for the cable installation.

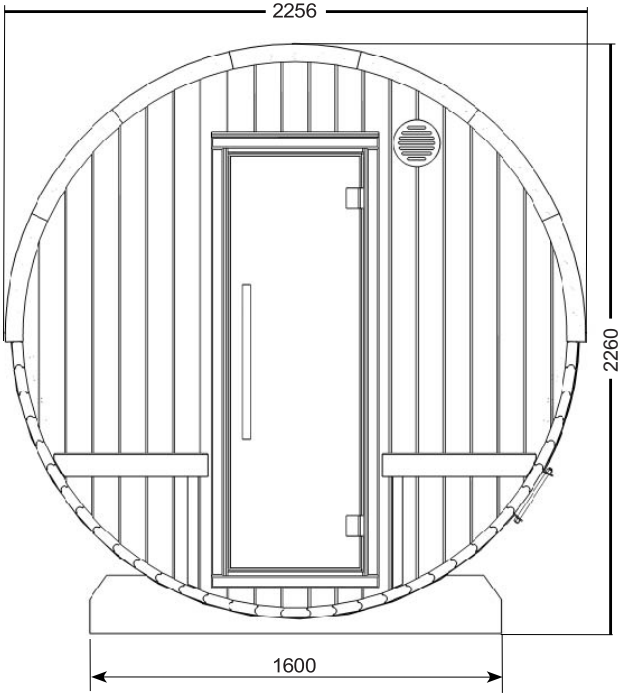
2.9. Covering the roof

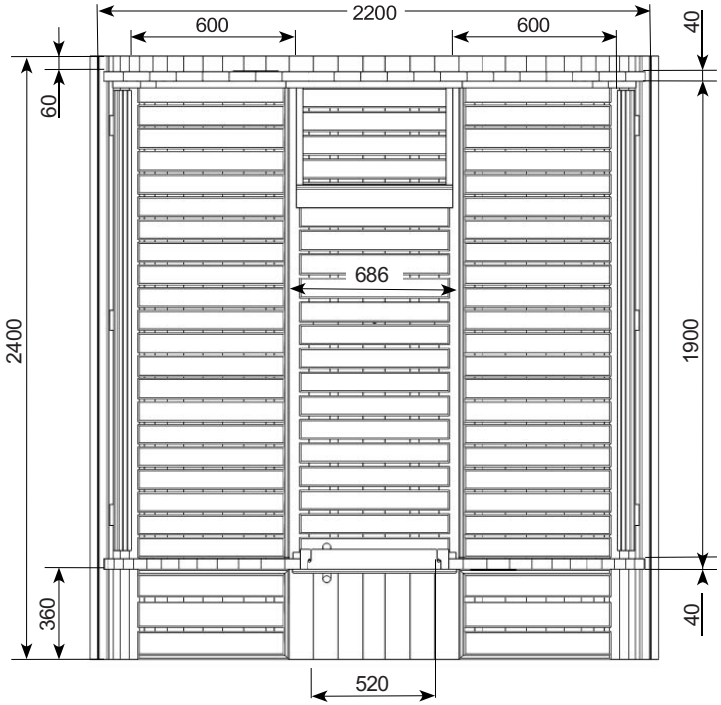
Install the triangular strips[10] (drip edge) at a height of approx. 116 cm.
Start attaching the bitumen shingles[30] at the triangular strip, with the top of the first shingle sheet facing down. Now lay the other shingle sheets overlapping and evenly offset. You can make the top ridge row from sections. These are laid overlapping in a scale-like manner. Pay attention to the prevailing wind direction.

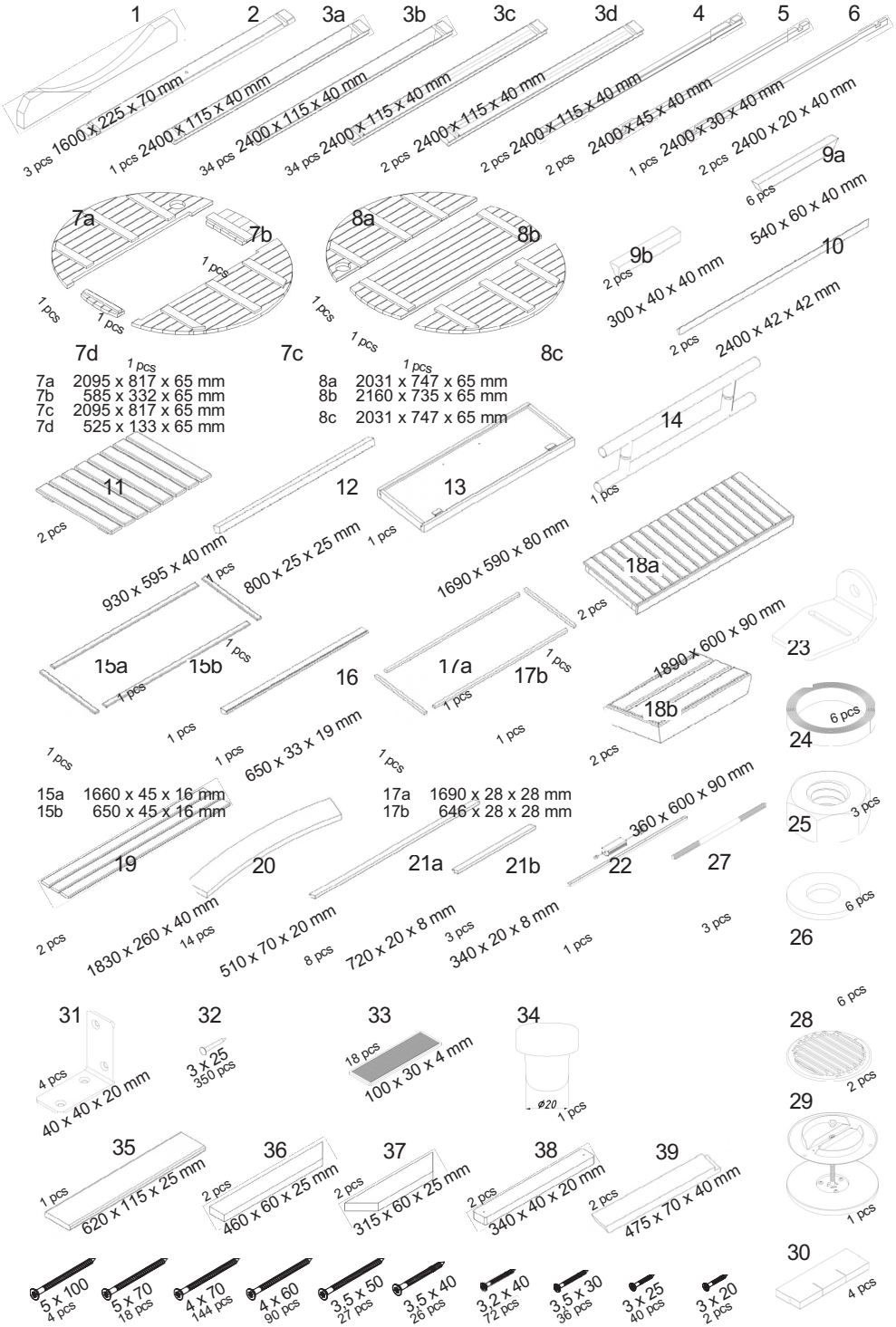
The mounting strips on the inner walls can now be removed.


2440
2260
1880


1600
1880
1600
940
940
1600
940
940


2256
2260
1600

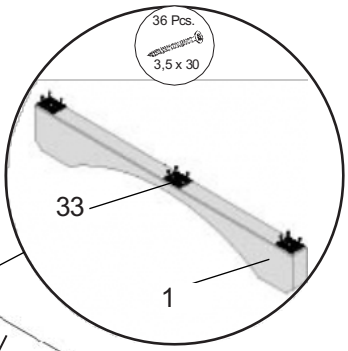

2200
600
600
40
60
686
2400
1900
360
40
520

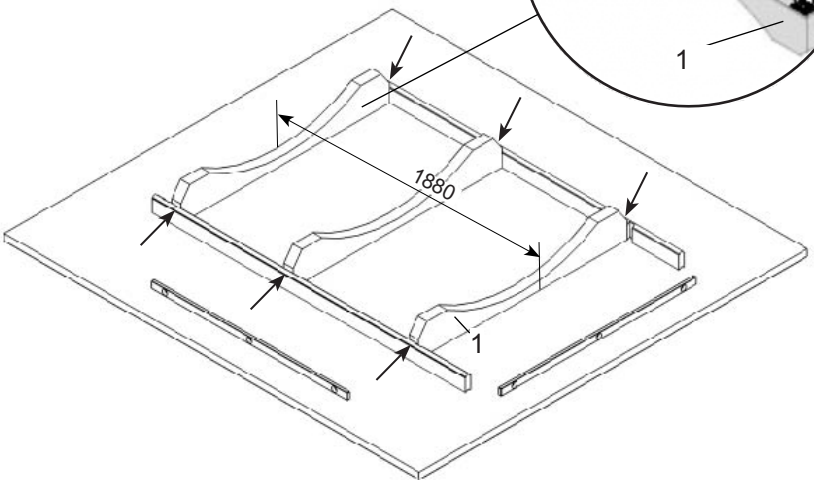

1
3 pcs 1600 x 225 x 70 mm
2
1 pcs 2400 x 115 x 40 mm
3a
34 pcs 2400 x 115 x 40 mm
3b
34 pcs 2400 x 115 x 40 mm
3c
2 pcs 2400 x 115 x 40 mm
3d
2 pcs 2400 x 115 x 40 mm
4
2 pcs 2400 x 45 x 40 mm
5
1 pcs 2400 x 30 x 40 mm
6
2 pcs 2400 x 20 x 40 mm
9a
6 pcs
540 x 60 x 40 mm
7a
7b
1 pcs
1 pcs
1 pcs
8a
8b
1 pcs
1 pcs
9b
2 pcs
300 x 40 x 40 mm
10
2 pcs
2400 x 42 x 42 mm
7d
1 pcs
7c
1 pcs
8c
7a 2095 x 817 x 65 mm
7b 585 x 332 x 65 mm
7c 2095 x 817 x 65 mm
7d 525 x 133 x 65 mm
8a 2031 x 747 x 65 mm
8b 2160 x 735 x 65 mm
8c 2031 x 747 x 65 mm
11
2 pcs
930 x 595 x 40 mm
12
1 pcs
800 x 25 x 25 mm
13
1 pcs
1690 x 590 x 80 mm
14
1 pcs
18a
2 pcs
15a
1 pcs
15b
1 pcs
1 pcs
16
1 pcs
650 x 33 x 19 mm
17a
1 pcs
17b
1 pcs
1 pcs
18b
2 pcs
1890 x 600 x 90 mm
23
6 pcs
24
3 pcs
25
6 pcs
26
15a 1660 x 45 x 16 mm
15b 650 x 45 x 16 mm
17a 1690 x 28 x 28 mm
17b 646 x 28 x 28 mm
19
2 pcs
1830 x 260 x 40 mm
20
14 pcs
510 x 70 x 20 mm
21a
8 pcs
720 x 20 x 8 mm
21b
3 pcs
340 x 20 x 8 mm
22
1 pcs
360 x 600 x 90 mm
27
3 pcs
31
4 pcs
40 x 40 x 20 mm
32
3 x 25
350 pcs
33
18 pcs
100 x 30 x 4 mm
34
ø20
1 pcs
28
6 pcs
2 pcs
29
1 pcs
30
4 pcs
35
1 pcs
620 x 115 x 25 mm
36
2 pcs
460 x 60 x 25 mm
37
2 pcs
315 x 60 x 25 mm
38
2 pcs
340 x 40 x 20 mm
39
2 pcs
475 x 70 x 40 mm
5 x 100
4 pcs
5 x 70
18 pcs
4 x 70
144 pcs
4 x 60
90 pcs
3,5 x 50
27 pcs
3,5 x 40
26 pcs
3,2 x 40
72 pcs
3,5 x 30
36 pcs
3 x 25
40 pcs
3 x 20
2 pcs

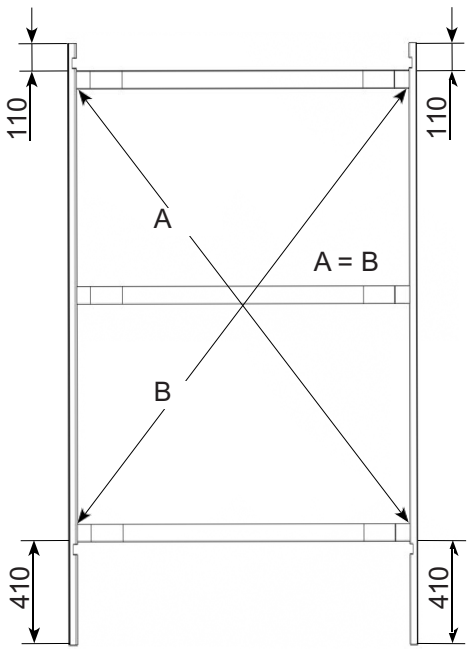
2.1.







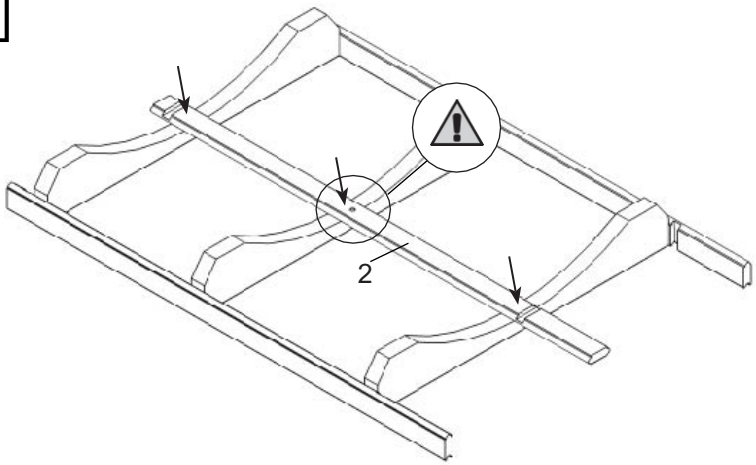


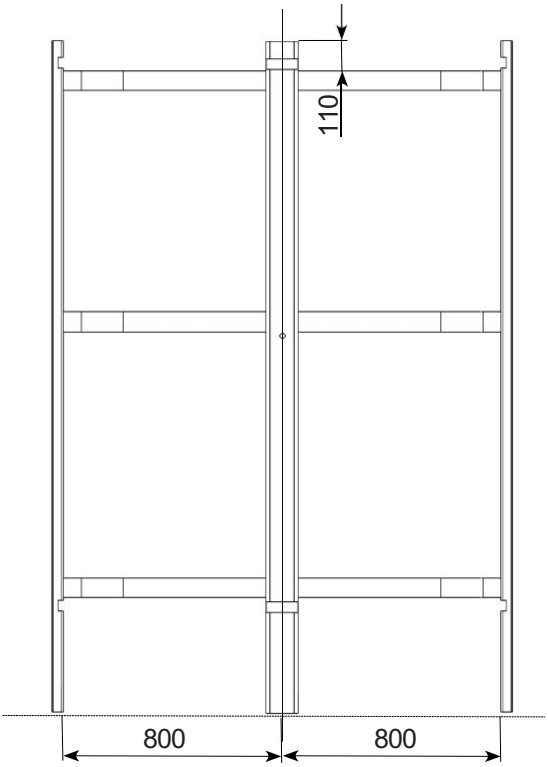


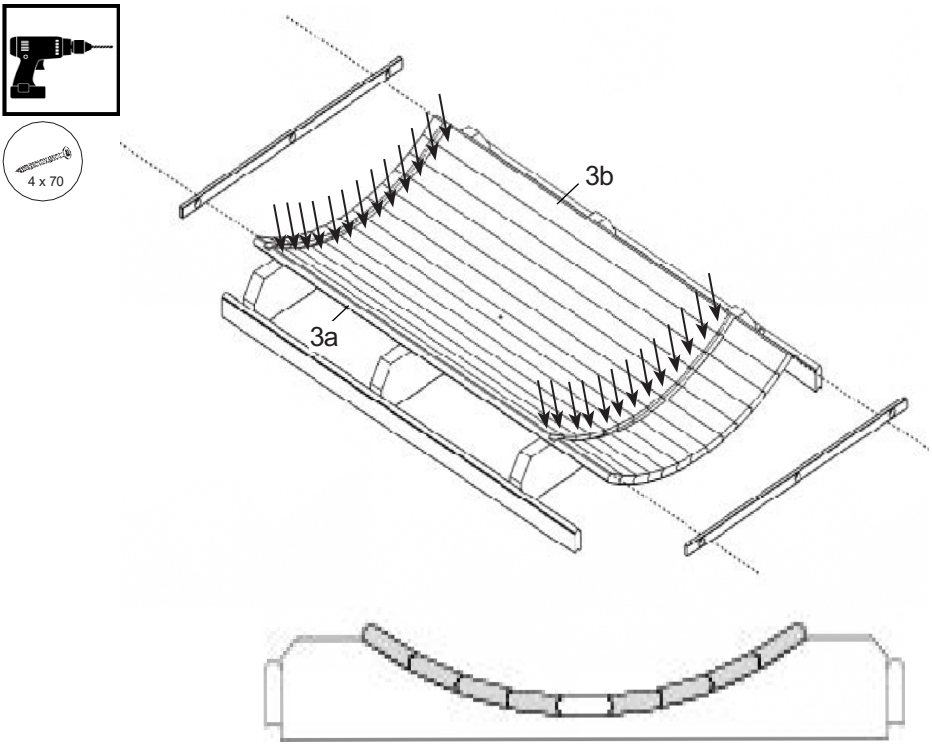
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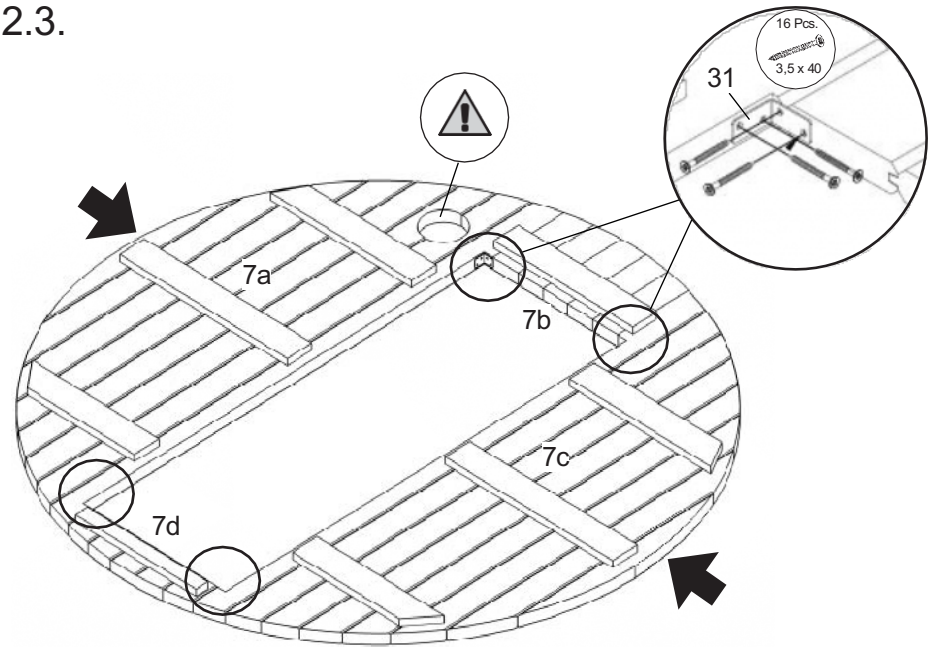


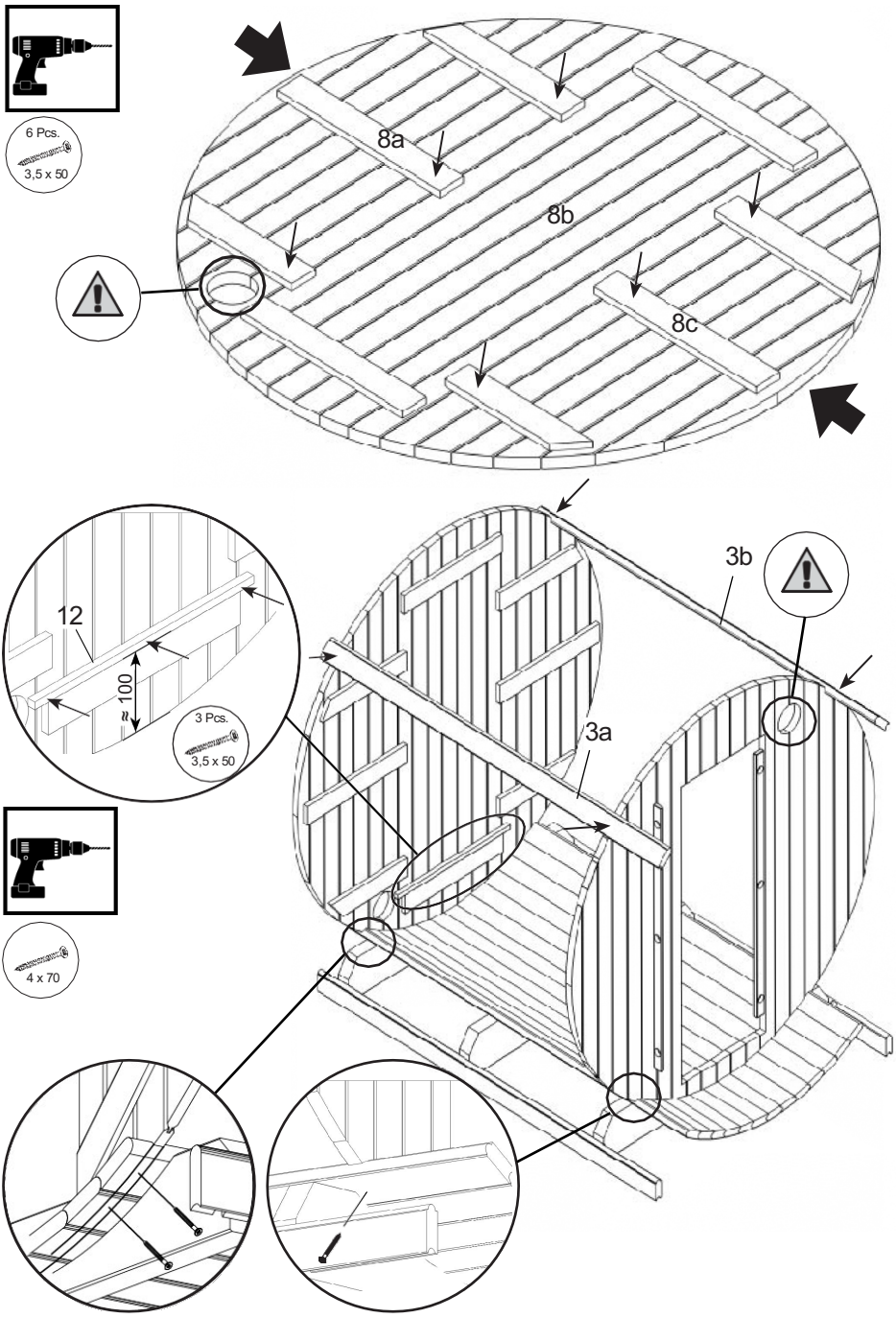






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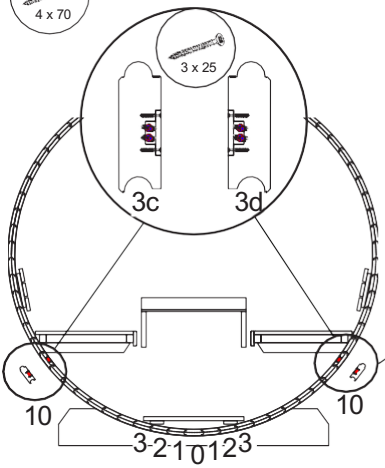


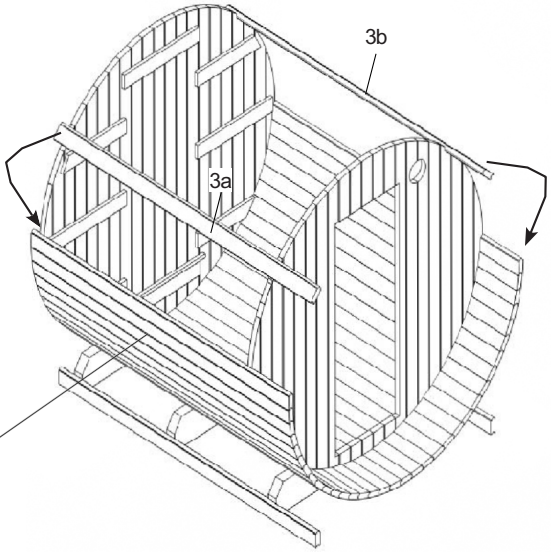

6 Pcs.
3,5 x 50
8a
8b
8c
3b
3a
12
≈ 100
3 Pcs.
3,5 x 50
4 x 70

2.4.



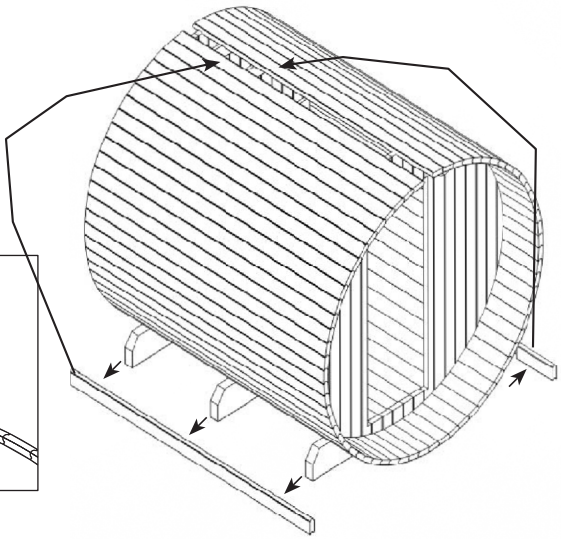




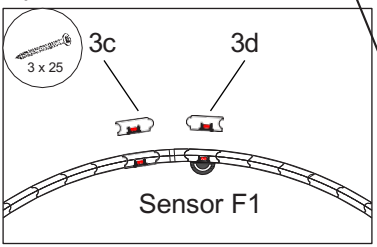






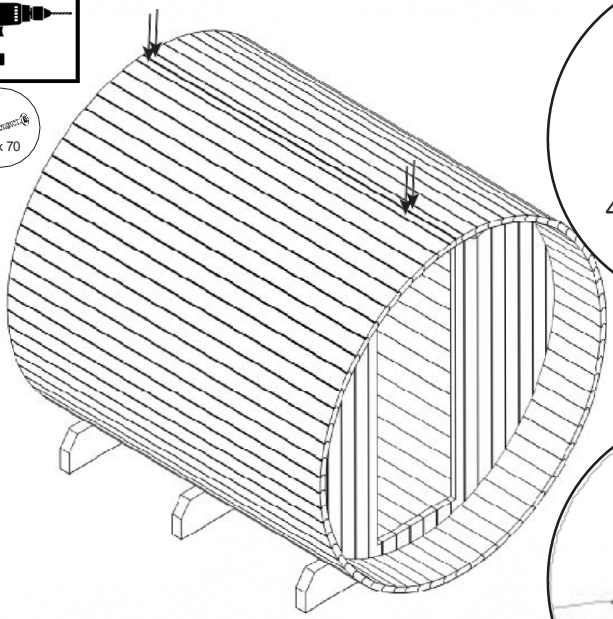


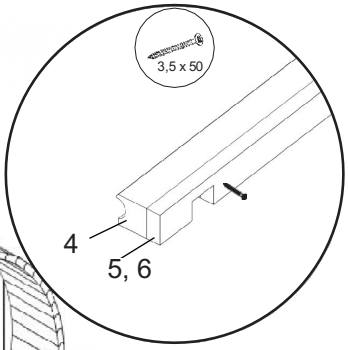
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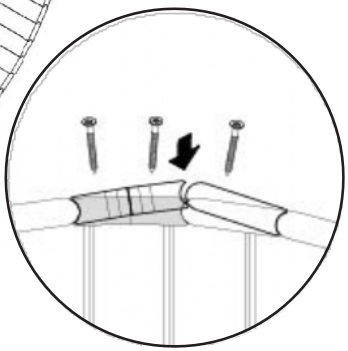




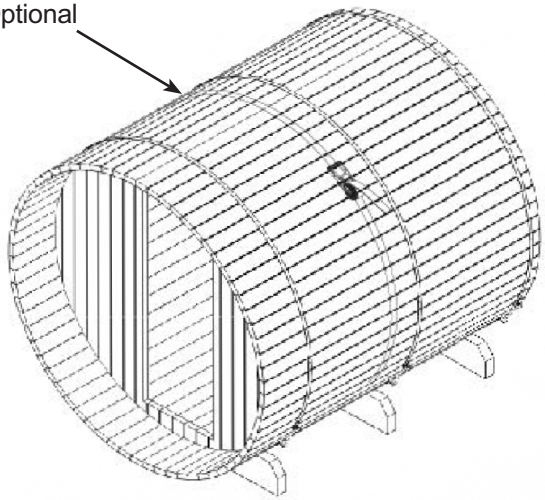


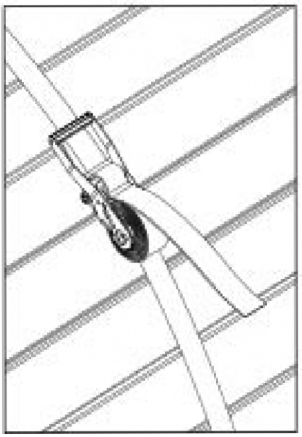


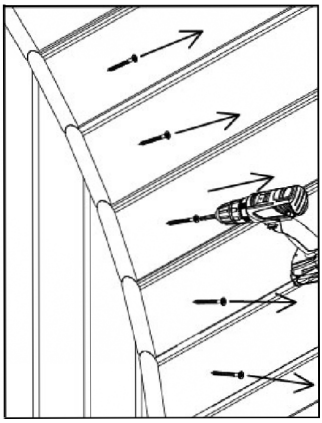


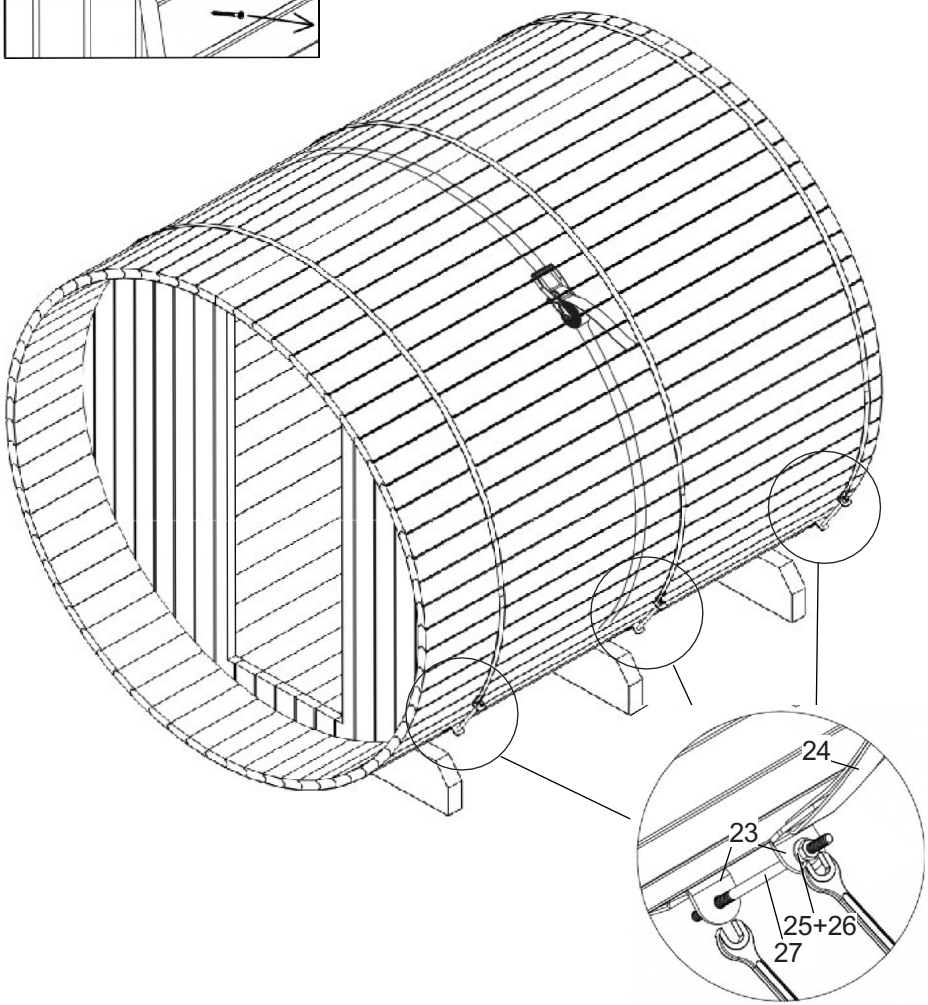


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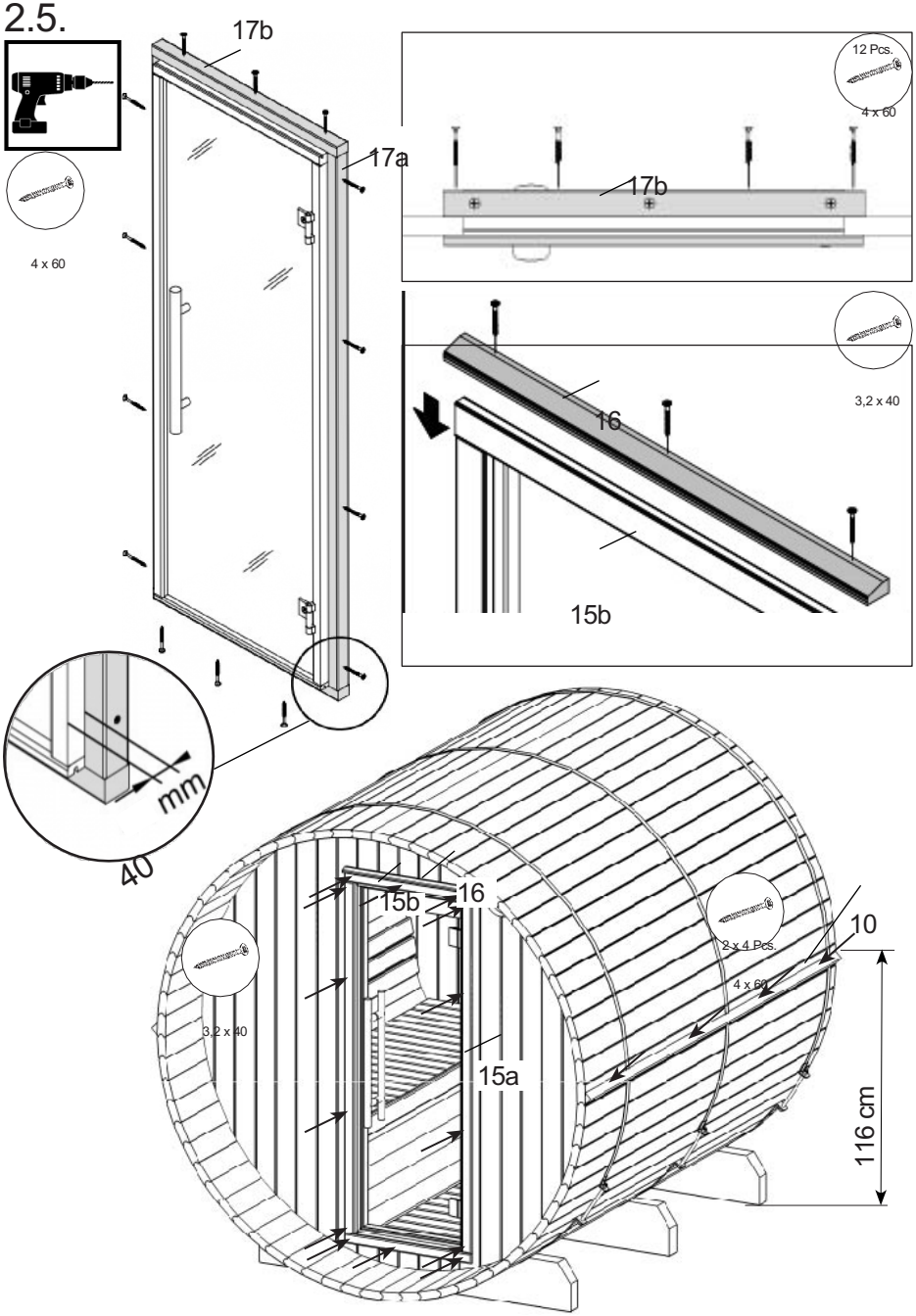




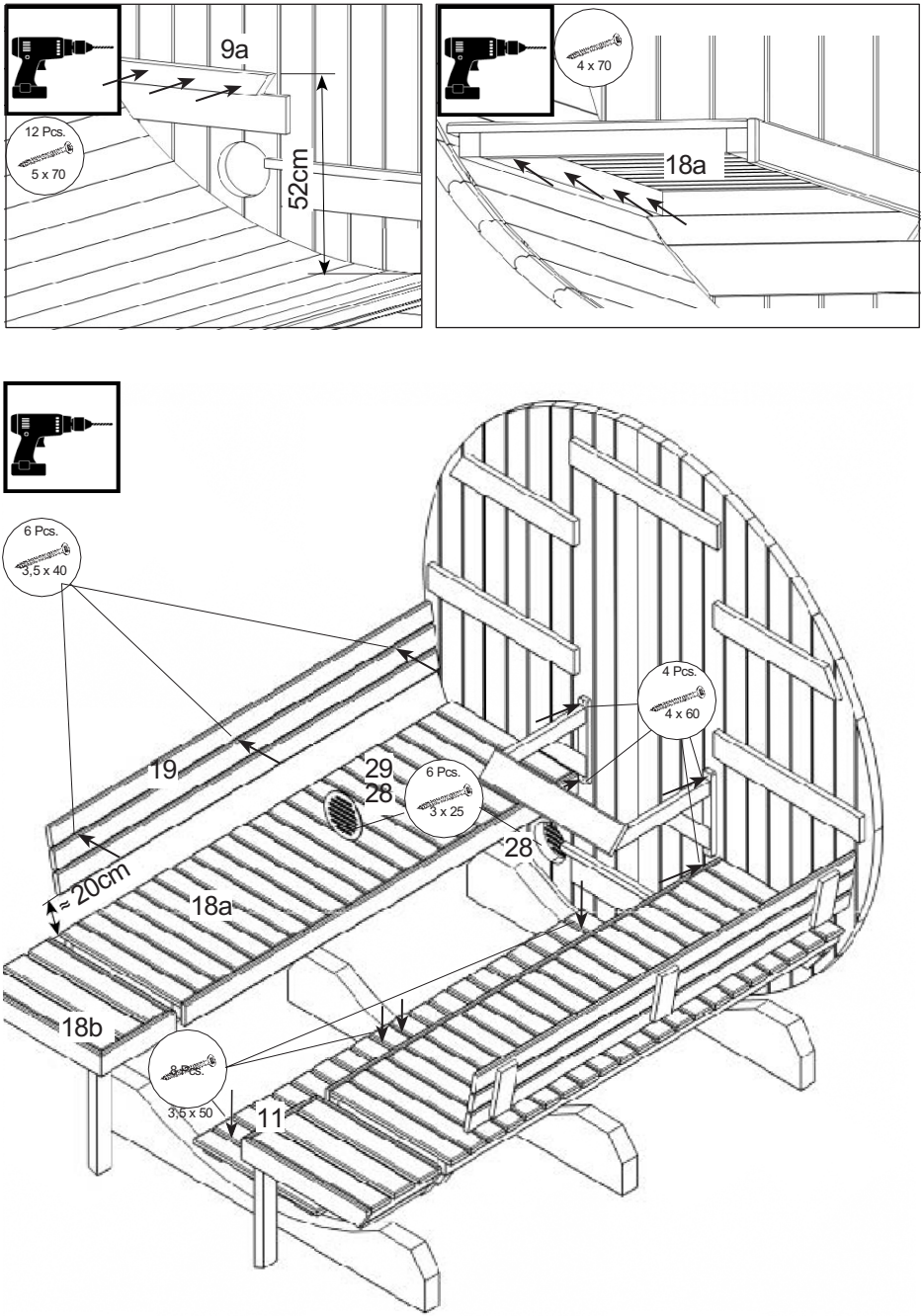



24
23
25+26
27

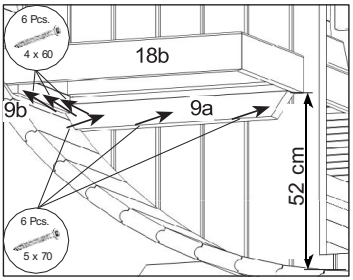
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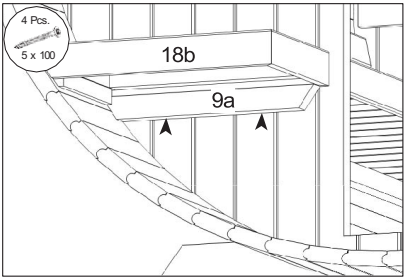

17b
17a
4 x 60
12 Pcs.
4 x 60
17b
3,2 x 40
16
15b
40
mm
15b
16
10
2 x 4 Pcs.
4 x 60
3,2 x 40
15a
116 cm

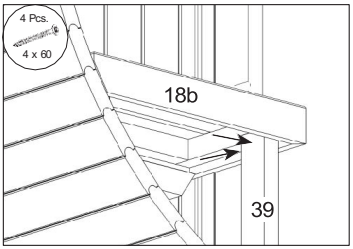
2.6.

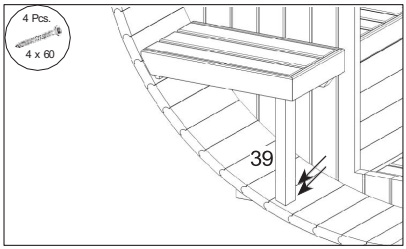

9a
12 Pcs.
5 x 70
52cm
4 x 70
18a
6 Pcs.
3,5 x 40
4 Pcs.
4 x 60
19
29
28
6 Pcs.
3 x 25
28
≈ 20cm
18a
18b
8 Pcs.
3,5 x 50
11

2.7.

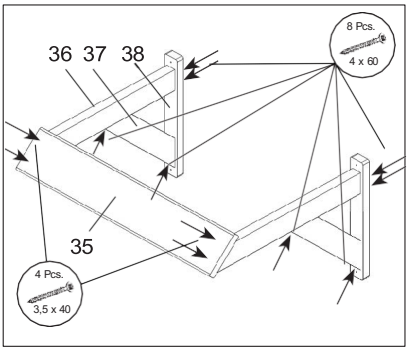

6 Pcs.
4 x 60
18b
9b
9a
52 cm
6 Pcs.
5 x 70

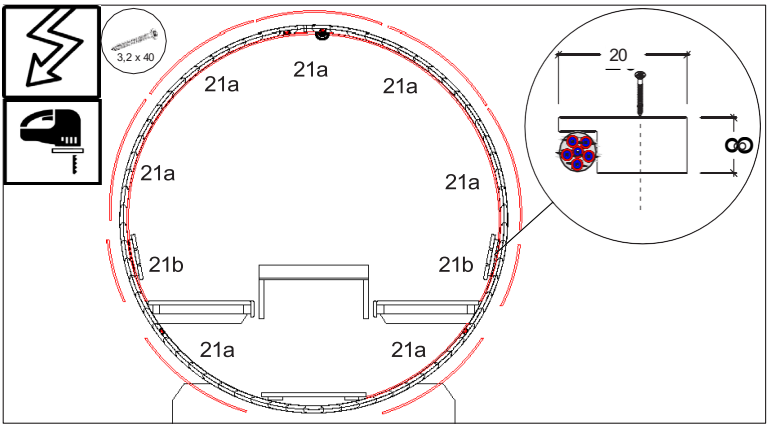

4 Pcs.
5 x 100
18b
9a


4 Pcs.
4 x 60
18b
39

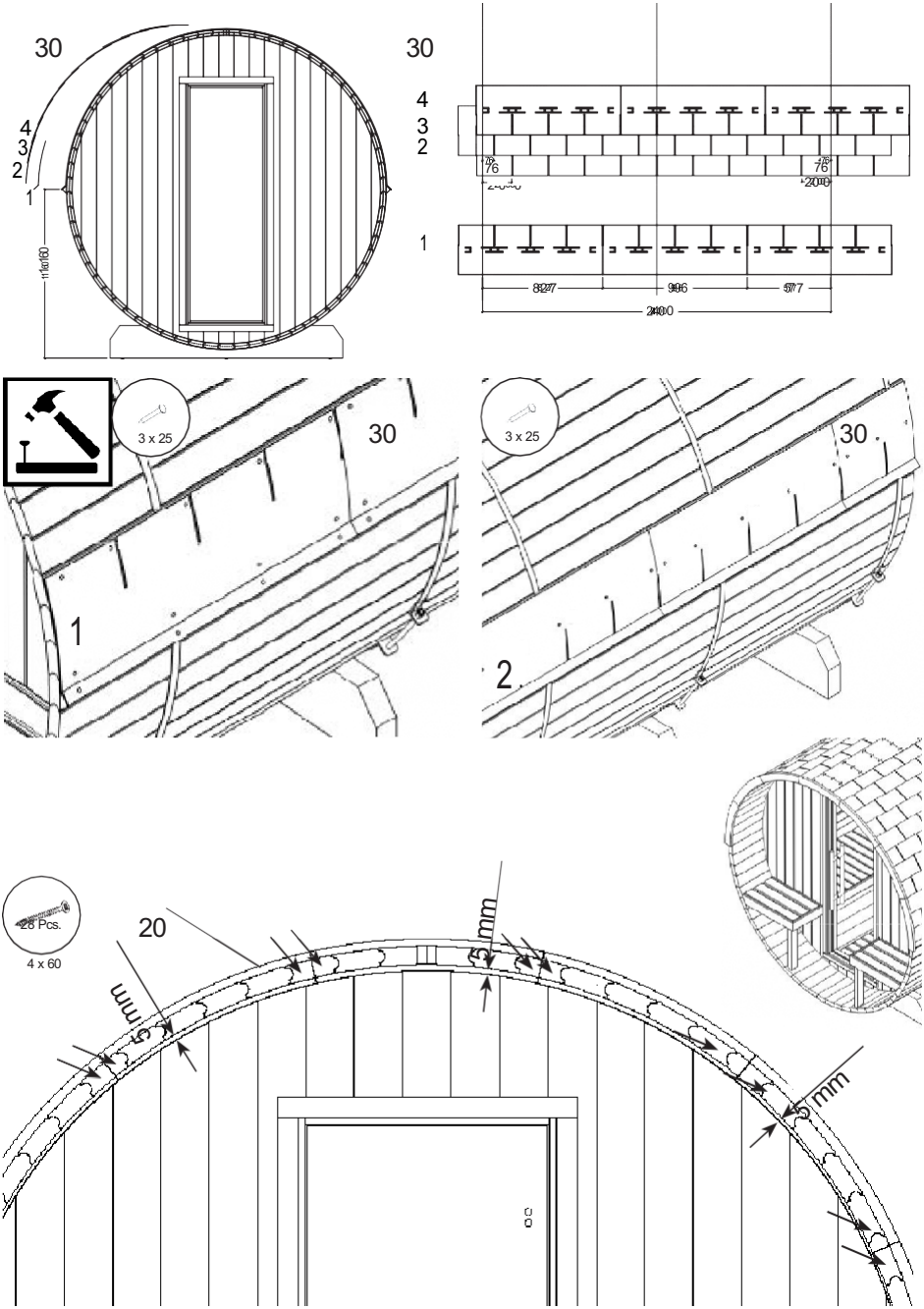

4 Pcs.
4 x 60
39

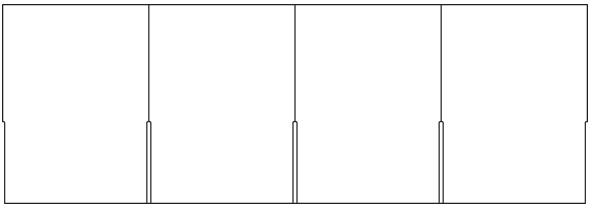
2.8.

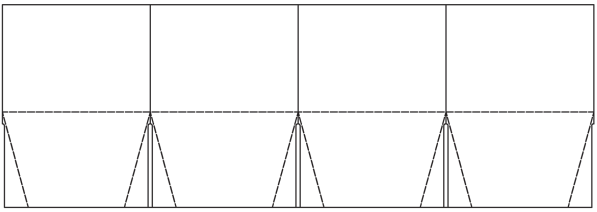

36 37 38
8 Pcs.
4 x 60
35
4 Pcs.
3,5 x 40

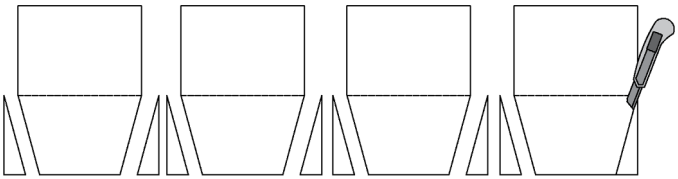

3,2 x 40
21a
21a
21a
21a
21a
21b
21b
21a
21a
20

2.9.

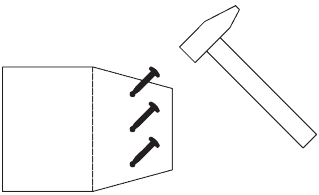


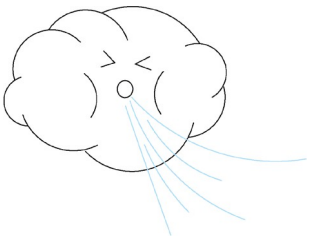


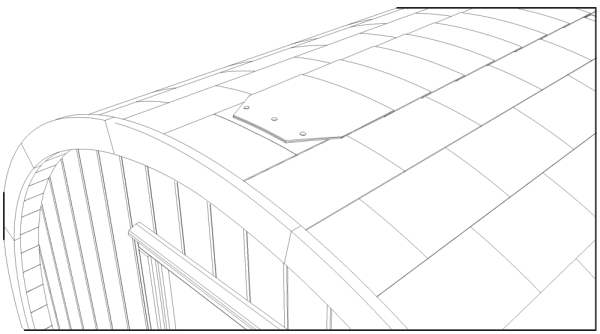














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