Installation Guide

ADVANCED HYBRID STEAM ROOM
**Floor Surface Preparation and Drain Guidelines**

**Flooring Surface:** Floor should be constructed similarly to any other steam room or shower floor. Typically tile or treated concrete is used. Consult your architect or local building codes for specific requirements.

**Floor Slope:** Floor should be sloped from the perimeter toward the center of the room feeding to a floor drain. Recommended slope is a minimum of 1” drop per meter (3 feet). Floor should be smooth on top with no dips or peeks. Dips or peeks in the floor do not allow for proper draining and will create puddles. Improper draining can lead to leaking, seepage or other issues.

**Perimeter Flooring:** The perimeter flooring where the room meets the floor needs to be as even as possible. Deviations in height should be no greater than 1/16” per foot. Deviations in the height creates gaps between the room and floor. These gaps can lead to caulking failure, damaged panels or other issues.

**Tile Floors:** If using tiled flooring it is recommended to use a non porous or a glazed/smooth tile. Epoxy based grouts have been found to hold up better in steam room environments.
We offer many different models of steam rooms. Below is a sample layout of a room showing different seat sizes. Please refer to your specific layout for rooms configuration (Sample lower right). Some rooms may also have flat wall panels without seats, or full “storefront” frames with glass.
Seat/Wall Panel Assembly

What you will need:

- Two People
- Three pairs of clamps
- Two 7/16" box wrenches or sockets
- Sandpaper (200 grit)
- Caulking Gun
- Hammer Drill
- 1/2” Masonry Bit
- Cordless Drill
- Box Knife

Step 1: Set aside all wall and seat panels in an accessible area. On the backs of the panels there will be numbering in red denoting panel type and in black denoting location. (Samples to the right) Two panels will have the same number, you will match these two panels and attach together in the next steps.

Step 2: Now that you have two panels with corresponding numbers, line up the sides that are numbered the same. Work the panels into position so the factory drilled holes align with one another. Once they are aligned clamp the panels together. (Left) Now that the panels are clamped use the 7/32” x 1” bolts, washer and nuts to secure the panels. Get all bolts finger tight first. Verify the tops of both panels are even and the inner edges are even. Finish tightening all bolts on the panels. DO NOT OVER TIGHTEN.

Step 3: Repeat the process from step two working your way around the room until all wall or seat panels are attached.

Step 4: Once all panels are attached check tops to make sure they are even and all bolts are tightened.
Roof Panel Assembly

Step 5: Panels need to be assembled on a flat surface. On the backs of the panels there will be numbering in red denoting panel type and in black denoting location. (Samples to the right) Two panels will have the same number, you will match these two panels and attach together in the next steps. (Depending on your specific room you may have a single ceiling panel or as many as 16+)

Step 6: Now that you have two panels with corresponding numbers, line up the sides that are numbered the same. Work the panels into position so the factory drilled holes align with one another. Once they are aligned clamp the panels together. Use the 7/32” x 1” bolts, washer and nuts to secure the panels. Get all bolts finger tight first. Verify the both panels are even and the inner edges are flush. Finish tightening all bolts on the panels. **DO NOT OVER TIGHTEN.**

Step 7: Now that the roof is assembled apply the aluminum backed sealing tape along the seams where the panels bolt together.

Step 8: Lift the roof section on top of the wall and seat assembly. You may need up to 4 people depending on the size of your steam room. Align the pre drilled holes. Once they are aligned clamp the panels together. Use the 7/32” x 1” bolts, washer and nuts to secure the panels. Get all bolts finger tight first. Verify the both panels are even and the inner edges are flush. Finish tightening all bolts on the panels. **DO NOT OVER TIGHTEN.**
Step 9: With walls and ceiling together apply the aluminum backed sealing tape along the seams where the panels bolt together.

Step 10: Now install the door. Move the door and frame into the opening. Align the frame to the panels and secure with factory supplied stainless steel screws. Be sure to check the swing, all doors must swing out of the room. (This will also be on your room layout)

Step 11: With the door and frame secure get the room into it permanent position. Once in position secure the panel on the hinge side of the door with the supplied stainless steel anchors. (2 Per Panel) With the hinge side secure adjust the handles side into position so the door and door frame have an even reveal. Secure that panel with the supplied stainless steel anchors.

Step 12: With the front wall secure you will need to square the room. Measure from opposing corners of the room and make sure the distances are even. (Left) Once they are continue securing the room with the supplied anchor bolts.
Step 13: Clean all seams inside the room where panels meet with rubbing alcohol or mineral spirits to remove any debris or oils. Apply a bead of supplied sealant to all seams and where 2 panels meet and the room and floor meet. Follow the instructions on the sealant carefully to ensure best performance and allow the proper curing time before the steam room is used.

Maintenance:

Steam Generators—See manufactures recommendations for maintenance schedules and procedures.

Steam Shield Filters—Check Filter Pressure Gauge once Every 30 days. Visually inspect for any damage or irregularities

Caulking—Visually inspect Caulking every 90 days. Depending on room usage and conditions it may be necessary to re caulk the room every 12 month—24 months.

Steam Room Panels:

**Seats are designed for one person per seat. Do not stand, exercise or bring weights into the steam room. Those activities and other may cause damage to the seat and wall panels**
The Scandia POWERZONE O3 Generator is to be placed outside of the steam room. The Powerzone must be positioned in a location where it can be accessed in order to activate by maintenance and cleaning staff (NOT BY MEMBERS OR GUESTS). Common locations are utility/service rooms or above the modular steam room. The Powerzone is to be activated manually by cleaning or maintenance staff on a daily basis. When installing the tube(s) from the Powerzone should be located towards the top of the room.

The POWERZONE SHOULD ONLY BE ACTIVATED WHEN THE STEAM/SAUNA ROOM IS UNOCCUPIED. Activate the POWERZONE ONLY during a time when the STEAM/SAUNA room is closed to customers. At least 30 minutes should laps before bathers return to the Steam/Sauna room.

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<thead>
<tr>
<th>Room Size (cu ft)</th>
<th>Time setting (minutes)</th>
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<tbody>
<tr>
<td>200</td>
<td>10</td>
</tr>
<tr>
<td>250</td>
<td>15</td>
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<td>300</td>
<td>20</td>
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<td>350</td>
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<td>400+</td>
<td>30</td>
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To activate the Powerzone generator turn timer knob to the right.