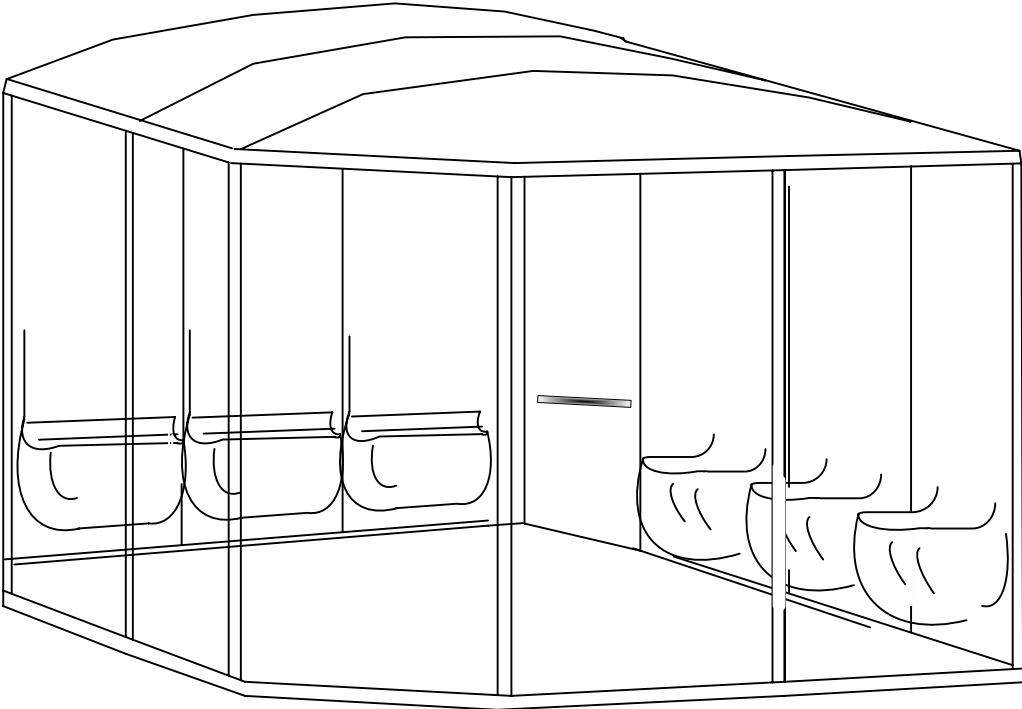


Scandia Evolution Steam Room System – Installation and Rough-in Considerations

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SCANDIA



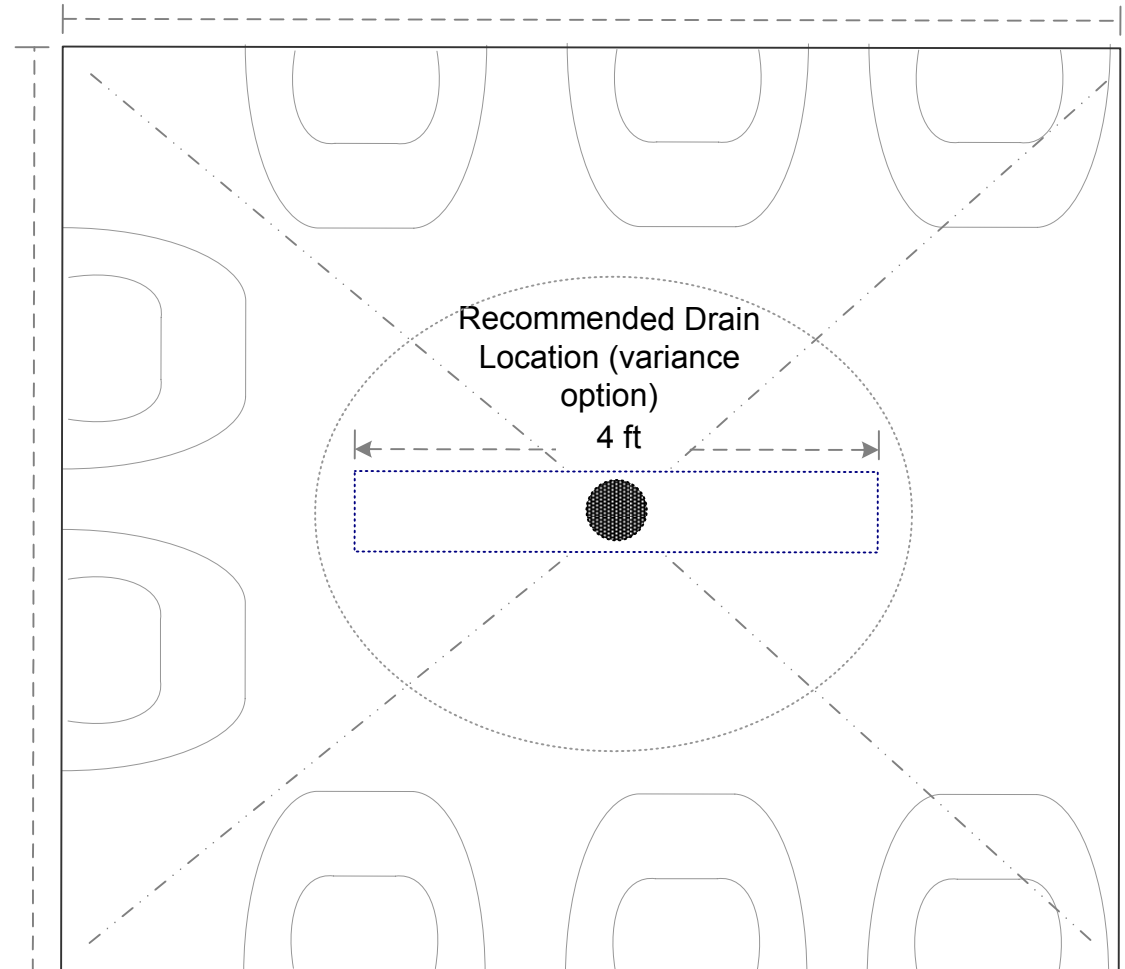
Scandia Evolution Steam Room System – Floor Prep - Drain Variance

Floor Surface Preparation Guidelines (Applies to all room configurations)

Floor Surface: floor should be constructed as any other steam or shower floor. Typically tile or treated concrete is used. Consult your architect or builder for an solution that fits your design theme.

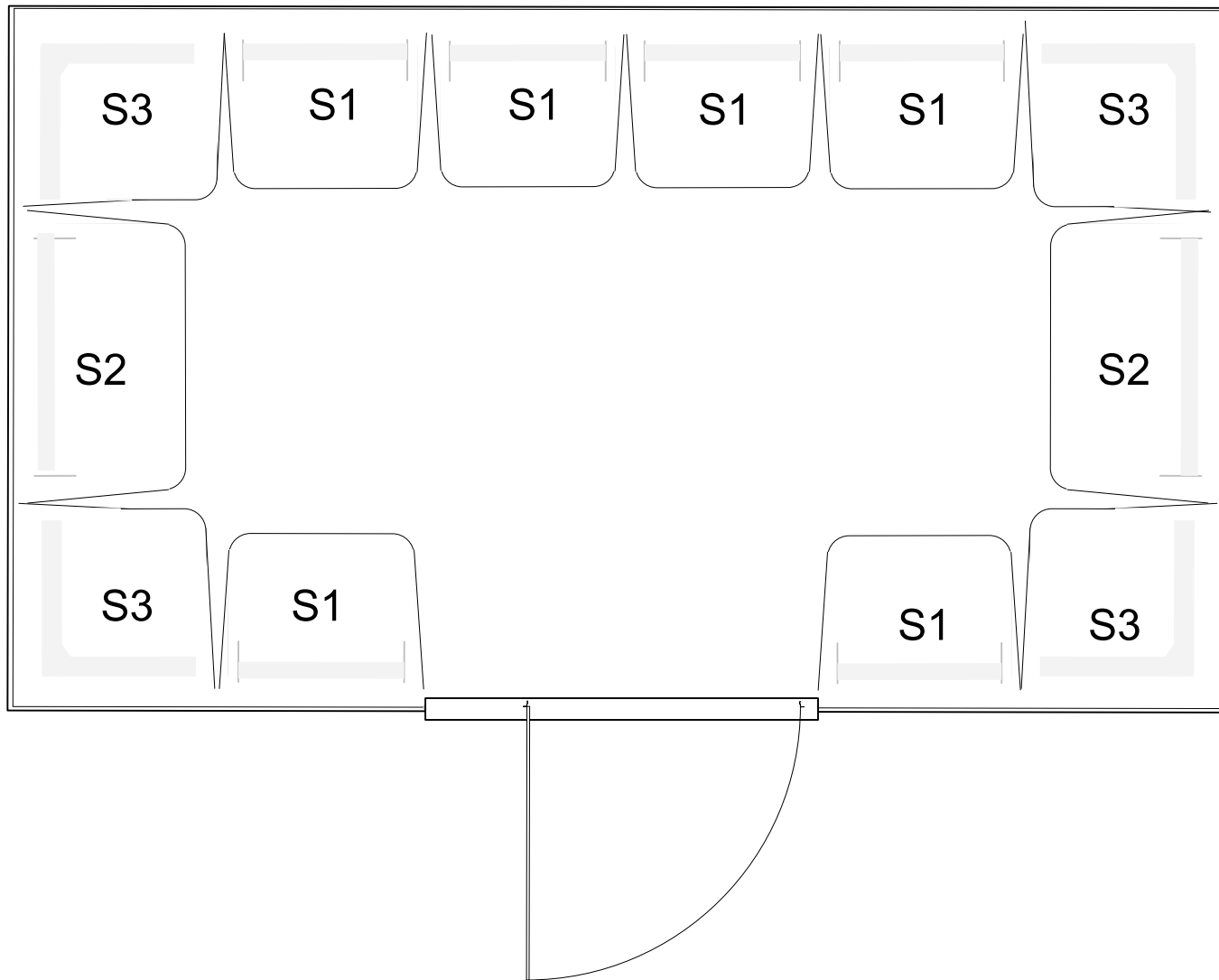
Floor Sloping: floor should be sloped as in any other steam or shower environment. Scandia recommends a minimum 1" (2.5 cm) slope per three feet (1m) from wall to center. NOTE: floor cannot have pockets or sags at any location seat/wall panels to drain.

Tile Floors: if using tile floors, select tile varieties that are not porous and have a smooth and/or glazed finish. Epoxy based grout has been found to hold up better in a steam room environment.



General Seat Panel Overview

Different models have different seat configurations. Please consult the Scandia Evolution Steam room data sheet for your exact configuration.



Seat Panel Assembly

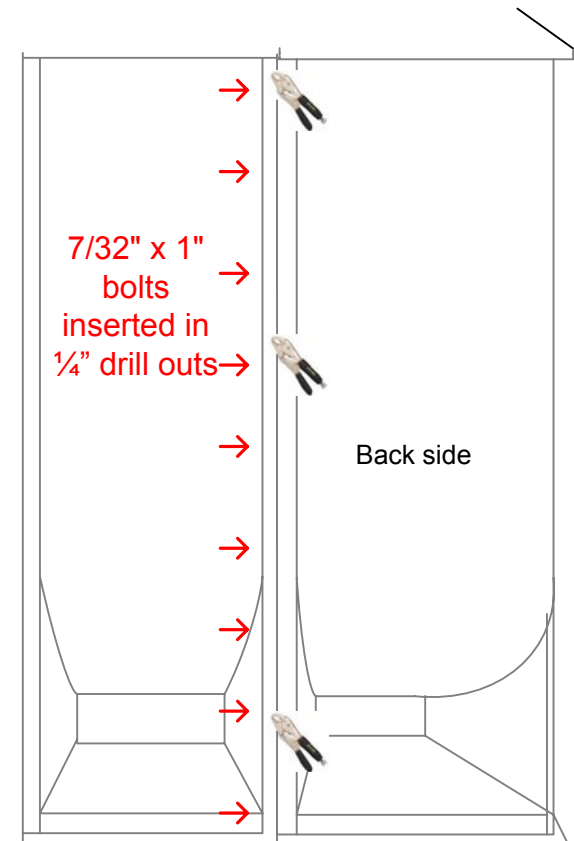
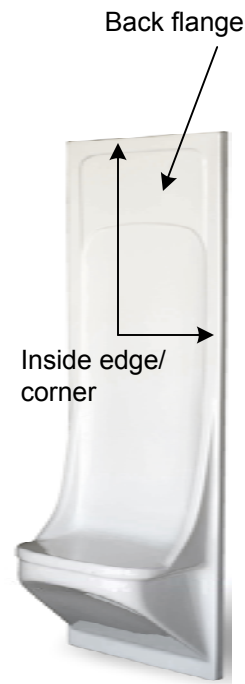
Seat panel alignment – before drilling bolt holes on back flanges all seams must be aligned/matched from the inside.

- Panel Assembly Suggestions:
- two person assembly team
 - Three pairs of vice grips
 - One drill with $\frac{1}{4}$ in drill bit
 - Two $\frac{7}{16}$ in wrenches

Step 1 – When bolting panels together be sure that the top edge of each panel is level and the inside edges (interior corner edges) match from top to bottom. It is common to have the interior corners match but the back side edges not match. Concentrate only on the interior fitting.

Step 2 – The inside aligner (person #1) will match top edge of the two panels and the back assembler (person #2) will clamp together the two panels on the back flanges with the vice grips. Then repeat this step at the middle and bottom of the two panels. At that point the vice grips should be located at the top, middle and bottom on the back side of the two panels. The inside edges should match perfectly.

Step 3 – Drill $\frac{1}{4}$ " holes approximately 12" apart starting from the top to the bottom. Place the supplied $\frac{7}{32}$ " bolts/nuts and fasten down tightly. Repeat across all seat panels

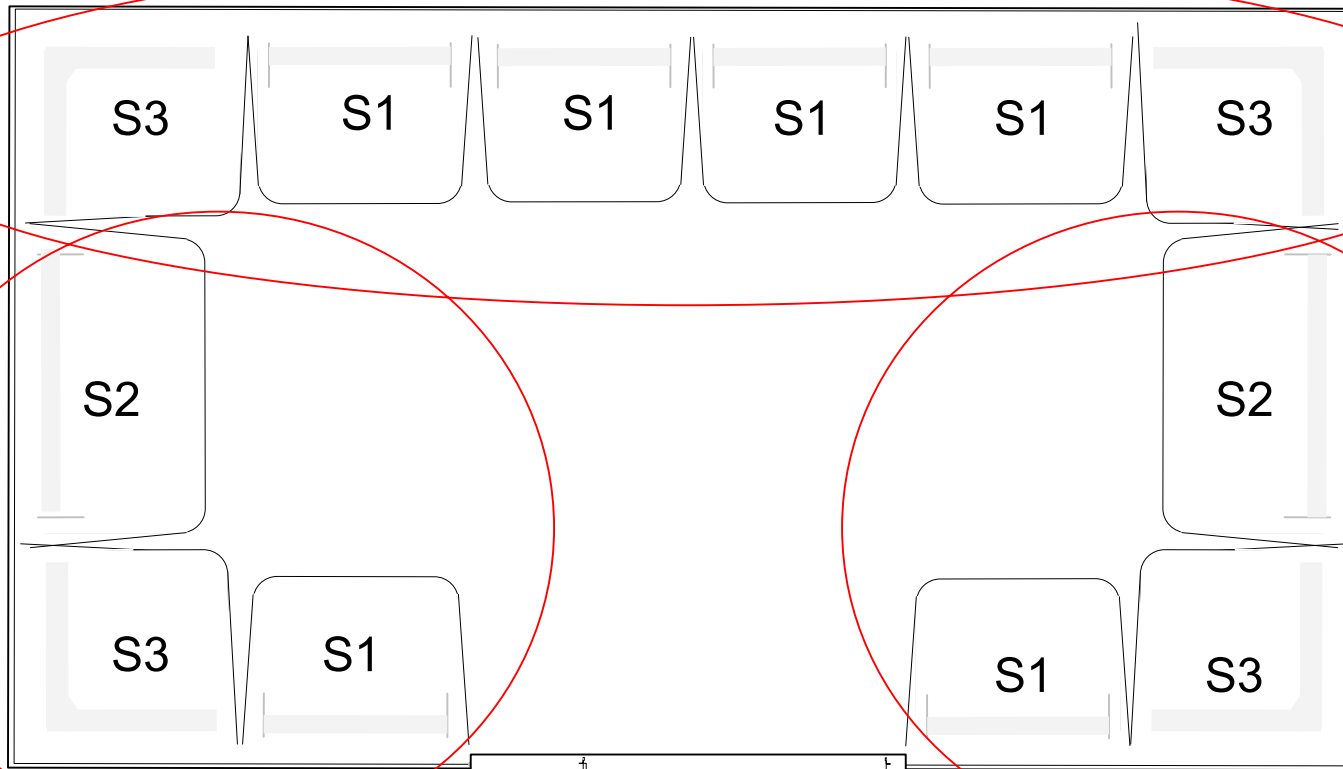


Seat Panel Assembly Sequence

Step 1 – assemble all seat panels first starting with the coner panel S3 working along the back wall. When bolting panels together be sure that the top edge of each panel is level and the inside edges (interior corner edges) match from top to bottom. It is common to have the interior corners match but the back side edges not match. Concentrate only on the interior fitting.

Step 2 – Work your way from the back corner panels (S3) around to the final front seat panel.

Step 1

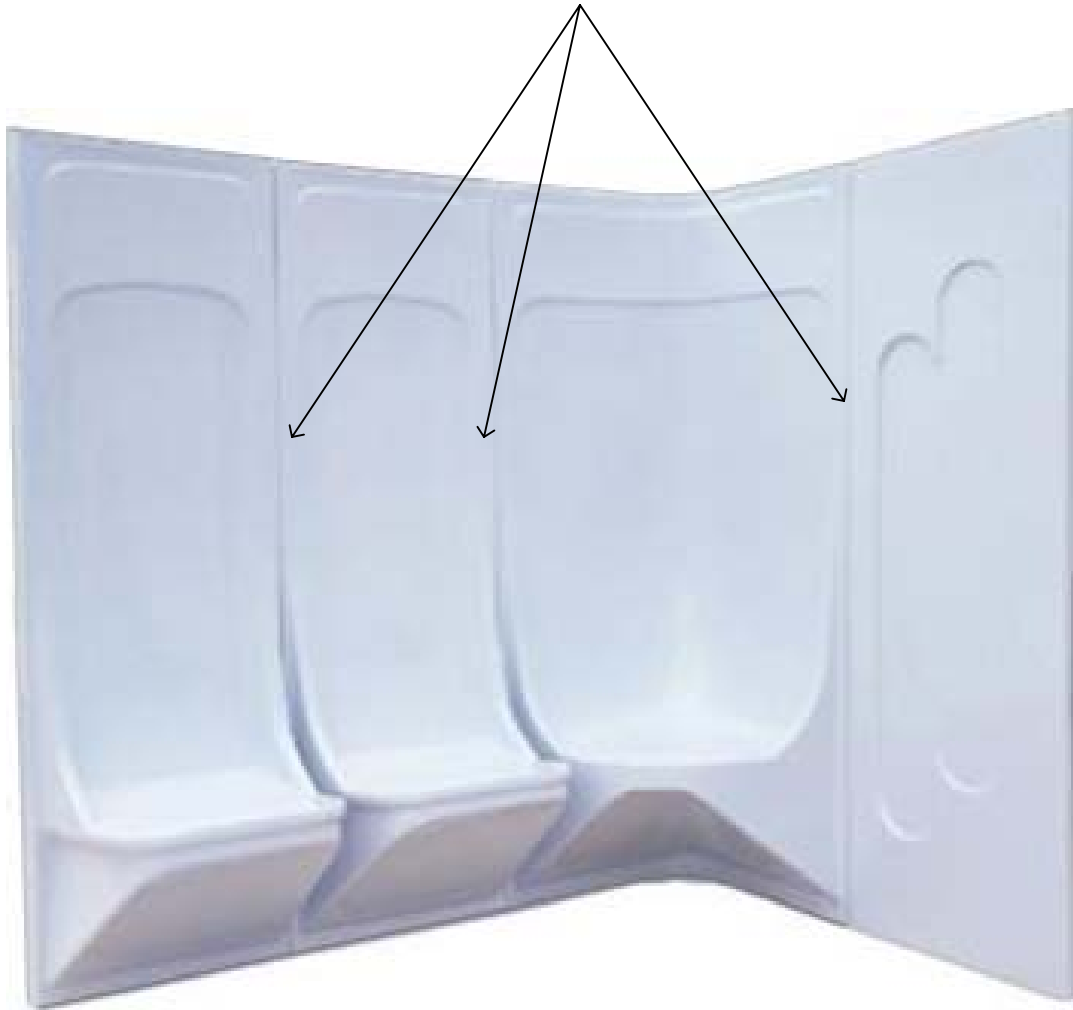


Step 2

Step 2

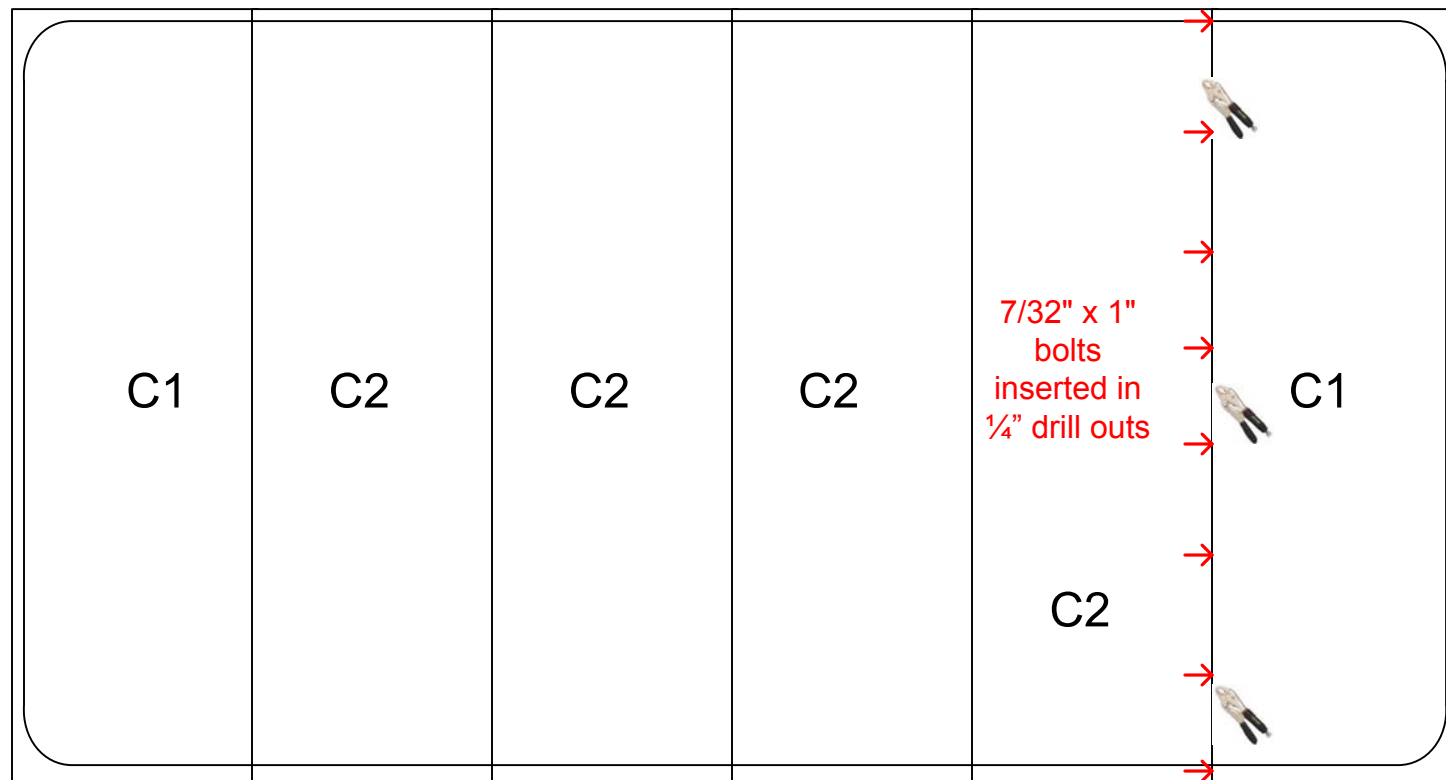
Steam Panel Sealing Method

Lightly sand (400 grit sand paper) all internal seams where the panels meet. After sanding clean all sanding residue and apply a thin bead of silicone along the seam. Using your finger, smooth out the silicone to create a tight seal and clean seal. Allow to dry before moving.



Ceiling Panel Assembly Sequence

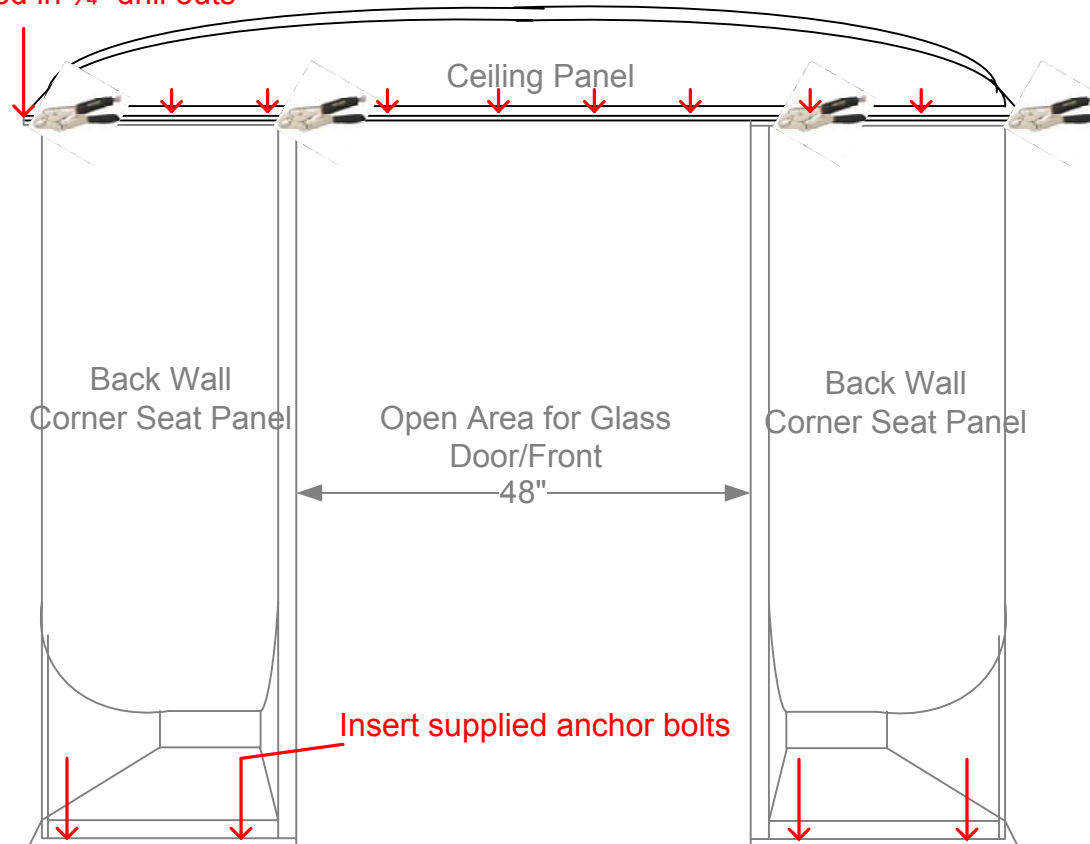
Assemble ceiling panels on the ground first before placing on pre-assembled seat assembly structure. Like the seat panels, ceiling panels must be matched from the inside edges/corners and clamped in place with vice grips. With two people, aligner on the inside and assembler at the back – match and clamp the panels together. Like the seat panels, proceed to drill and bolt each panel together before moving to the next panel.



Attaching Roof Assembly/ Floor Mounting

Once roof is assembled and sealed. Lift roof on top of seat wall assembly and adjust walls so that the inside top edge of wall assembly aligns with the inside contour of the ceiling edges. Clamp, drill and bolt as with the wall and ceiling panels. Once finished, lightly sand, clean and silicone ceiling to wall edges. Finish by applying the supplied aluminum back edge sealing tape along entire seam.

7/32" x 1" bolts inserted in 1/4" drill outs



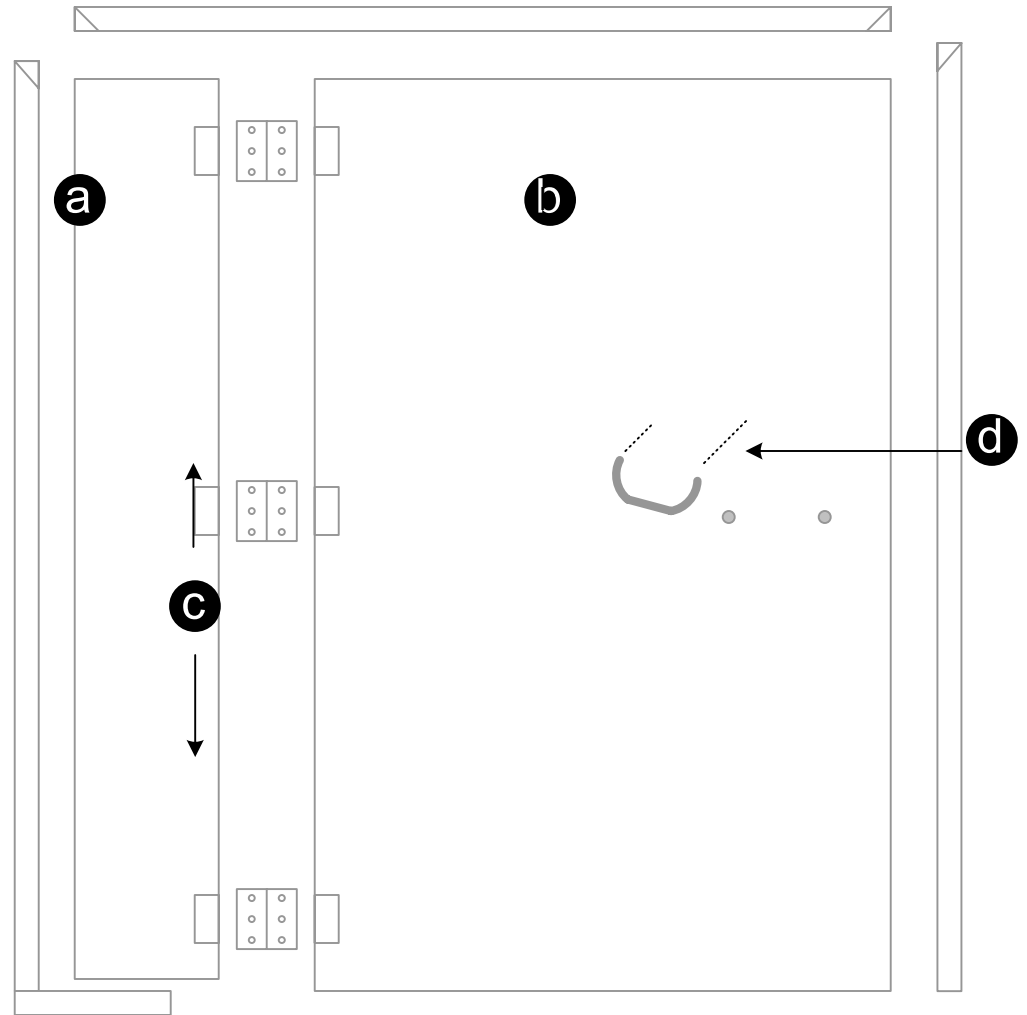
Floor mounting - Once all steam room panels have been assembled, sealed and taped. The room can be set to the final position and bolted to the floor. With the supplied anchor bolts, place two per panel approximately two inches from the inside edge of each panel.

Floor Sealing – When unit is bolted to the floor. Proceed to run a bead of supplied floor silicone between bottom edge of seat panels and the floor. Both surfaces must be lightly sanded and cleaned before applying silicone.

Door Assembly

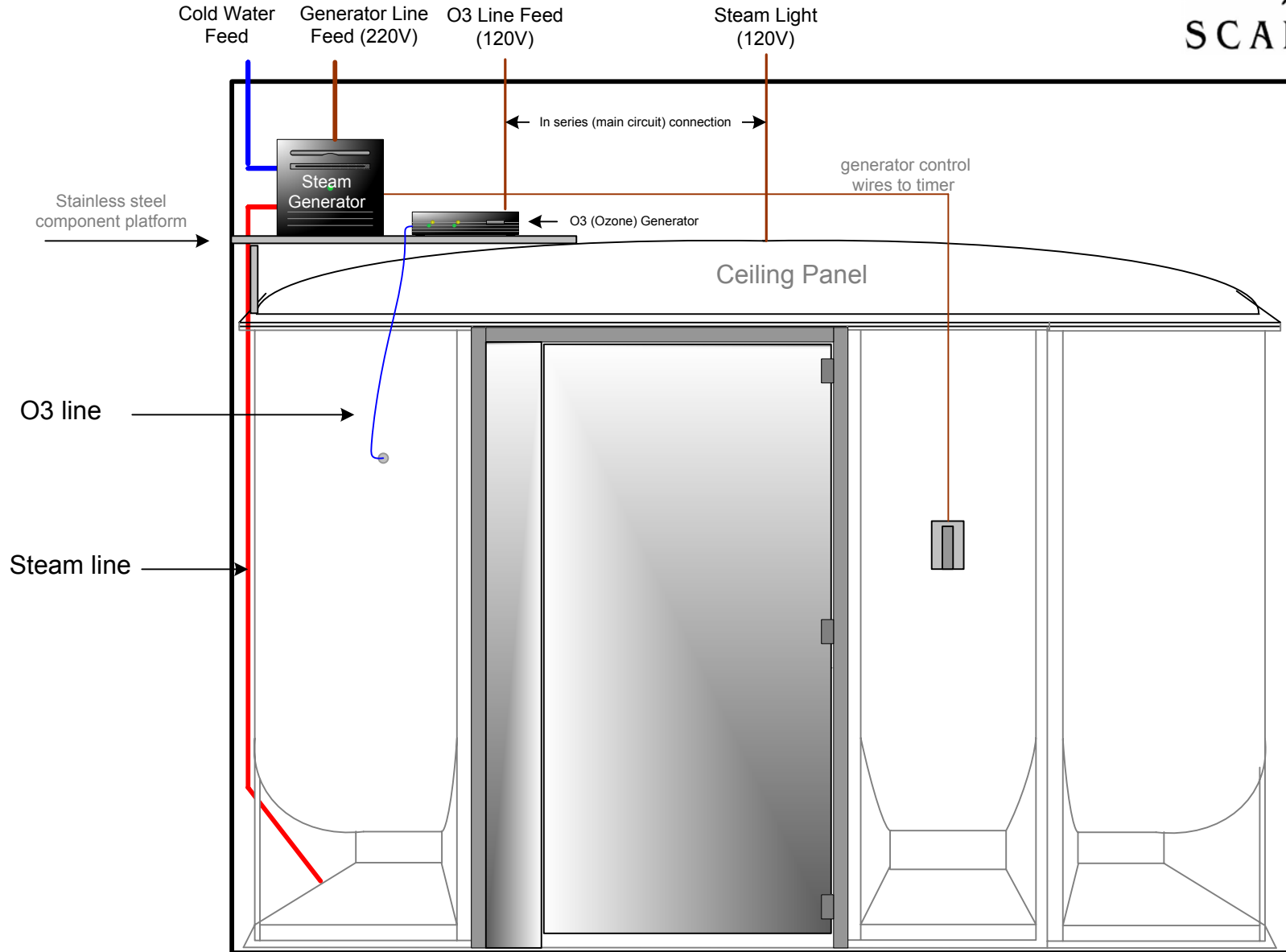
The rough opening of the Scandia Evolution steam room door is W 47" x H 73". Below are the specifications of the 36" door (ADA compliant) assembly.

- a** Vision side panel and door support. (W 8 5/8" x H 71") 3/8 inch tempered safety glass. Hinge supports cut to support H-180GTG frameless glass to glass hinges.
- b** Full glass steam door (W 36" x H 70") 3/8" tempered safety glass.
- c** H-180GTG frameless glass to glass hinges
- d** Back to back 10" stainless steel door handle (H8X1BTB-PS)
- e** 1' x4" aluminum extrusion framing.



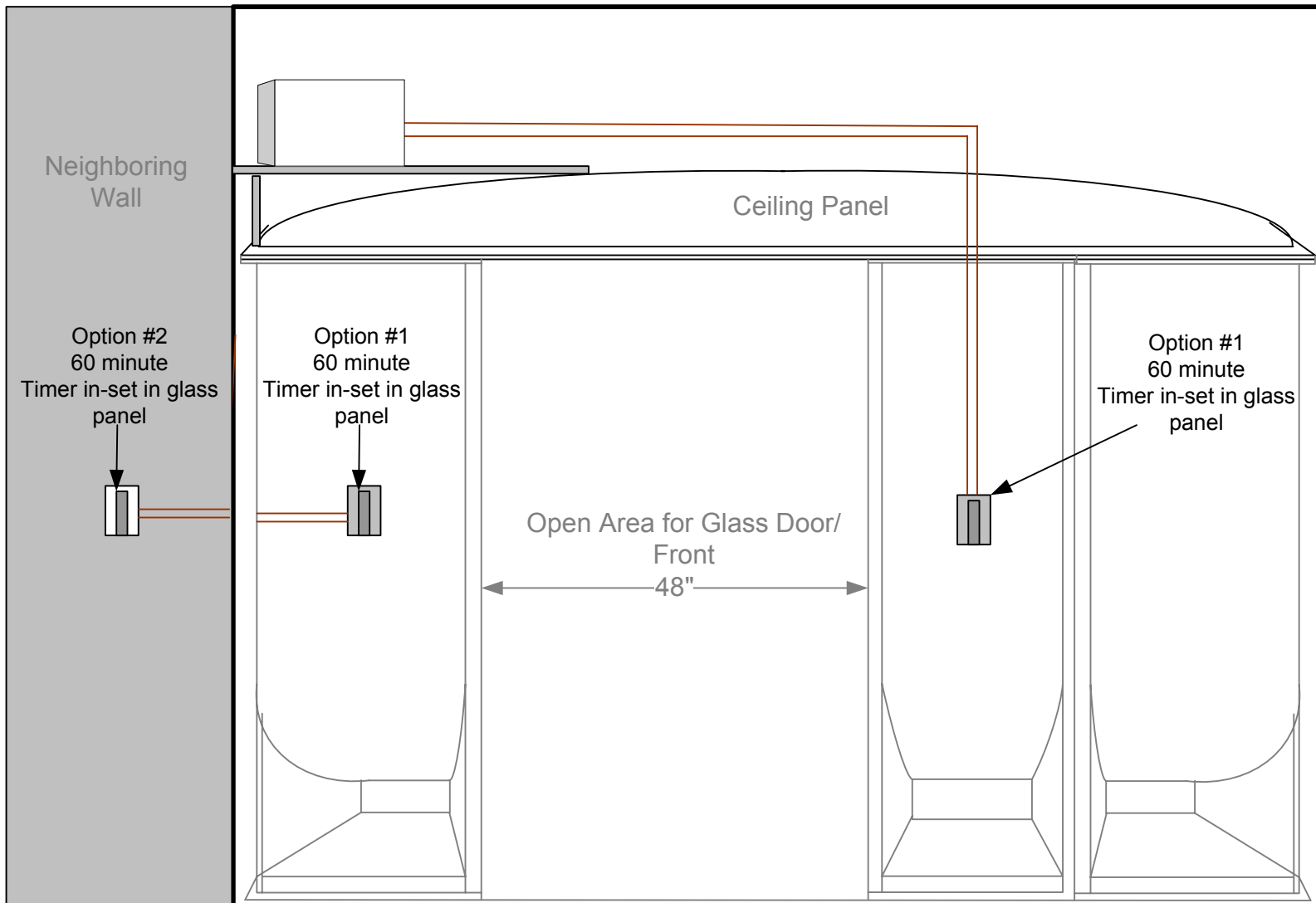
Scandia Evolution Steam Room System – Component Overview


SCANDIA

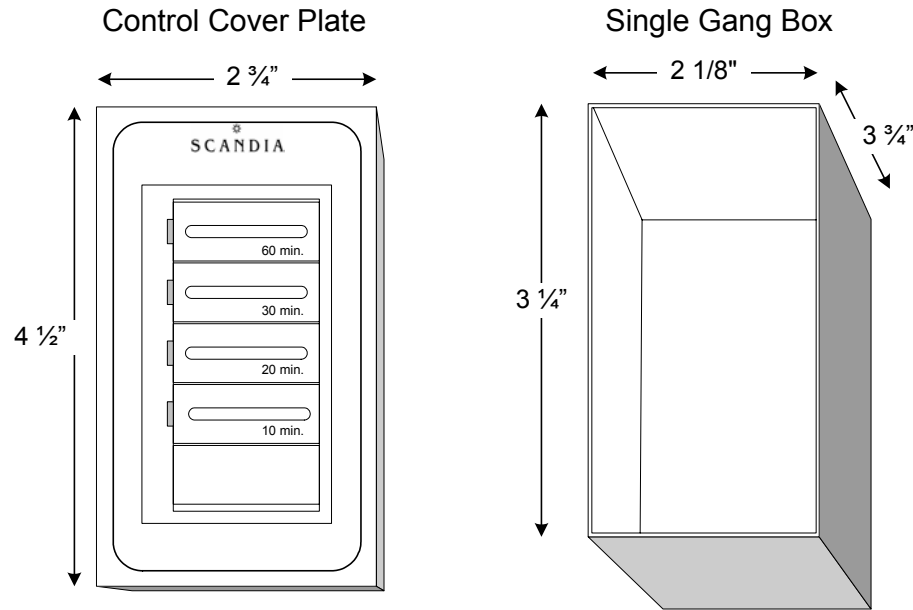


* Generator and light come standard, O3 generator is an optional item

Commercial Controls Location



Scandia Evolution Steam Room System – Control/Generator Dimensions



Model	Maximum Cubic Feet Capacity	KW	Volts	Phase	Physical size	Amps	Breaker Size	Wire Size
					L x w x h			
GT-35	60	3.5	240	1	15" x 4-3/4" x 17-3/4"	15	20A	12AWG
GT-5	80	5	240	1	15" x 4-3/4" x 17-3/4"	21	30A	10AWG
GT-5-208	80	5	208	1	15" x 4-3/4" x 17-3/4"	24	30A	10AWG
GT-6	140	6.5	240	1	15" x 4-3/4" x 17-3/4"	27	40A	8AWG
GT-6-208	140	6.5	208	1	15" x 4-3/4" x 17-3/4"	31	40A	8AWG
GT-8	220	7.5	240	1	15" x 4-3/4" x 17-3/4"	31	40A	8AWG
GT-8-208	220	7.5	208	1	15" x 4-3/4" x 17-3/4"	36	50A	8AWG
GT-9	300	9	240	1	15" x 4-3/4" x 17-3/4"	38	50A	8AWG
GT-9-208	300	9	208	1	15" x 4-3/4" x 17-3/4"	25	30A	10AWG
GT-10	340	10	240	1	15" x 4-3/4" x 17-3/4"	42	60A	6AWG
GT-12	500	12	240	1	21-1/2" x 8-1/4" x 21-1/2"	50	60A	6AWG
GT-18	800	18	240	1	21-1/2" x 8-1/4" x 21-1/2"	75	90A	2AWG

* Three phase versions also available