

SECTION 13054
Advanced Hybrid Steam Rooms
Am-Finn Sauna & Steam

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Prefabricated, modular steam room enclosures.
- B. Steam generator and control and auto drain.
- C. Light fixtures and control.
- D. Accessories.

1.2 RELATED SECTIONS

- A. Section 05400 - Steel re-enforced panel system:
- B. Section 06100 - Rough Carpentry: Framing for steam room enclosures.
- C. Section 07212 - Board and Batt Insulation: Thermal insulation and vapor barrier at steam room enclosures.
- D. Section 07900 - Joint Sealers: Sealant at exterior periphery of steam enclosures.
- E. Section 09300 - Tile: Interior finish for steam room enclosures.
- F. Section 09380 - Cut Natural Stone Tile: Interior finish for steam room enclosures.
- G. Section 15145 - Plumbing Piping: Domestic water supply to steam generator and faucet.
- H. Section 15146 - Plumbing Specialties: Floor drain in steam room.
- I. Section 16155 - Equipment Wiring.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Complete details of modular steam room enclosures, including required clearances and locations of service connections.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A manufacture with in-house manufacturing capabilities.
- B. Regulatory Requirements: Provide only UL listed equipment and controls.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Acceptable Manufacturer: Am-Finn Sauna & Steam 228 E. Plaza Street Suite B-226 Eagle, ID 83616 PH. 800-237-2862 FX. 208-286-0290
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 HYBRID STEAM ROOM ENCLOSURES

- A. Hybrid Steam Rooms: Prefabricated, packaged unit, complete with fittings.
 - 1. Construction: Vacuum formed acrylic panels with fiberglass reinforcements;
 - 2. Thickness: 5/16 inch (8 mm) walls and ceiling; 1/4 inch (16 mm) seating areas.
 - 3. Finish: High glazed, white color.
- B. Capacity and Dimensions:

(See Brochure)
- C. Door: All glass door mounted on aluminum frame.
 - 1. Glass: 3/8 inch (9 mm), tempered and tinted.
 - 2. Opening: 30 or 36 inches by 74 inches depending on model
- D. Light: Manufacturer's standard, ceiling mounted vapor-proof light fixture.
 - 1. Includes one or two lights depending on model
- E. Thermal Insulation: Not less than R-11, as specified in Section 07212.
- F. Exterior Finish: As specified in Division 9.

2.3 STEAM GENERATORS AND CONTROLS

- A. Generator:
 - 1. Size generator as recommended by manufacturer for volume of steam room and type of construction materials employed.
 - 2. Provide manual or automatic controls with on/off, temperature setting, and time setting.
 - 3. Provide steamheads designed not to exceed 125 degrees F (52 degrees C).
 - 4. Aroma-Guard II Eucalyptus pump
 - 5. Steam Shield 8000 filtration system
- B. Generator Model No. _____ – Size according to room dimensions and voltage.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that rough-ins for all utilities are properly sized and in correct locations.
- B. Do not begin installation until substrates have been properly prepared.
- C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 INSTALLATION

- A. Install steam room components in strict accordance with manufacturer's instructions and approved shop drawings.
- B. Hybrid Steam Room Enclosures: Install prefabricated panels to final room dimensions in accordance with manufacturer's assembly instructions; lock panels into place.
- C. Install insulation and vapor barrier in accordance with requirements of Section 07212.
- D. Steam Generators and Accessories: Install and connect steam generators, steam outlets, controls, and temperature sensors. Coordinate with work of mechanical and electrical sections, and connect to utilities.

3.3 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products after Substantial Completion.

END OF SECTION