

SECTION 13 24 26

STEAM ROOMS



For best results, display hidden notes to specifier.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Steam generators and control.
- B. Doors for site constructed rooms.

1.2 RELATED SECTIONS

- A. Section 05400 - Cold Formed Metal Framing: Framing for steam room enclosures.
- 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.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A company with not less than 20 years of experience in manufacturing components of the type required for this project.
- 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: McCoy Sauna and Steam; 29445 Beck Rd, Ste. A-108, Wixom, MI 48393. ASD. Tel: (800) 225-7519 or (248) 348-8000 (in Michigan). Fax: (248) 348-8001. www.mccoysauna.com
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 STEAM GENERATORS AND CONTROLS

- A. Steam Generator: McCoy Commercial Steam Generator (AI), size as recommended by manufacturer based on volume of room
 1. Provide IT-1 control packages.
 2. Provide automatic blowdown assemblies that ensures the unit is flushed and drained daily, eliminating the need to rely on maintenance personnel to perform the procedure.
 3. Provide 24-hour, 7-day timers, to turn the generator on and off at a specific time each day of the week.
- B. Provide all other items needed to provide complete functional installation.

2.3 DOORS FOR SITE-CONSTRUCTED STEAM ROOMS

- A. Doors: McCoy Commercial Steam Door; glazed.
 1. Size: 36 by x 84 inches (915 by 2134 mm), for 40 by 86 inches (1016 by 2184 mm) finished opening.
 2. Hinge and Lock Stiles: 2 inches (50 mm) wide.
 3. Top Rails: 2-1/2 inches (63 mm) wide.
 4. Bottom Rails: 10 inches (254 mm) wide.
 5. Glazing: 1/4 inch (6 mm) clear tempered float glass.
 6. Provide hinges to suit application.
 7. Closer, mounted outside of steam room.
 8. Weather stripping on jambs and head and vinyl sweep on bottom, providing vapor-tight seal when closed.
- B. Thermal Insulation: Not less than R-11, as specified in Section 07212.
- C. Exterior Finish: As specified in Division 9

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. Install insulation and vapor barrier in accordance with requirements of Section 07212.
- C. 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