

SECTION 13032

SAUNAS

PART GENERAL

SECTION INCLUDES

Precut saunas.

Custom precut saunas.

Prefabricated modular saunas with exclusive locking system.

Insulated outdoor saunas.

Sauna heaters.

Sauna accessories.

RELATED SECTIONS

Section 03300 - Cast-In-Place Concrete: Flooring substrate.

Section 06100 - Rough Carpentry: Framing of walls and ceilings.

Section 07210 - Building Insulation: Insulation of walls and ceilings.

Section 09300 - Tile.

Section 09650 - Resilient Flooring.

Section 15150 - Sanitary Waste and Vent Piping: Floor drains.

Section 16100 - Wiring Methods: Electrical service wiring.

Section \_\_\_\_\_ - \_\_\_\_\_.

SUBMITTALS

Submit under provisions of Section 01300.

Product Data: Manufacturer's descriptive literature for saunas and components specified in this section.

Shop Drawings: Plan and elevations of sauna design, indicating construction details.

Samples: Two samples, minimum size 4 inches wide by 8 inches long, of specified materials for wood paneling.

Manufacturer's printed installation instructions for sauna, benches, and accessories.

Operation and Maintenance Data: Sauna enclosure, heater, and control/monitoring equipment.

Warranty documents: Issued and executed by manufacturer.

#### DELIVERY, STORAGE, AND HANDLING

Store products of this section in manufacturer's unopened packaging until installation.

Maintain dry, heated storage area for products of this section until installation of products.

#### WARRANTY

Manufacturer's Warranty: One-year on room materials and workmanship when installed according to manufacturer's specifications and wiring information, 5 years on factory labor.

#### PART PRODUCTS

##### MANUFACTURERS

Acceptable Manufacturer: Finlandia Sauna Products, Inc., 14010-B S.W. 72nd Avenue, Portland, OR 97224-0088; ASD. Tel: (503) 684-8289, Tel: (800) 354-3342, Fax: (503) 684-1120; email: finlandiasauna@worldnet.att.net; Web page: finlandiasauna.com

Substitutions: Not permitted.

Provide all saunas and accessories from a single manufacturer.

## MANUFACTURED UNITS

Custom Precut Saunas: "FPC \_\_\_\_\_".  
Size: \_\_\_\_\_.

Prefabricated Modular Saunas: "FPF \_\_\_\_\_".  
Size: \_\_\_\_\_.

Prefabricated 5-Sided Saunas: "FPF66-5S."

Insulated Outdoor Saunas.  
Size: \_\_\_\_\_.

## COMPONENTS

Sub-Floor: Specified in Section 03300.

Sub-Floor: Specified in Section 09300.

Sub-Floor: Specified in Section 09650.

Wall and Ceiling Framing: Specified in Section 06100.

Wall and Ceiling Framing: 2 inch by 2 inch Oregon  
Douglas Fir.

Wall and Ceiling Insulation: Specified in Section 07210.

Wall and Ceiling Insulation: R-11 (3-1/2 inches)  
fiberglass batt, foil back.

Wall and Ceiling Vapor Barrier: Type C Building Foil.

Interior Wall and Ceiling Finish: Board paneling of  
nominal 1 inch by 4 inches kiln-dried softwood lumber;  
small V-joint tongue-and-groove.

Species: California Redwood, clear, 100 percent  
vertical grain.

Species: Western Red Cedar, clear.

Species: Alaska Yellow Cedar, clear.

Species: Western Hemlock, clear.

Lengths: As required for single board length runs;  
end-to-end joints not permitted except in very large  
rooms.

Exterior Siding: 11/32 inch ruff-sawn mahogany plywood  
or panolam.

Optional Exterior Siding: 1/2 inch by 4 inch tongue-and-groove Western Red Cedar.

Flooring: "Super Dek" flooring squares for walking areas over concrete, tile, or vinyl; removable, washable, sanitary, non-skid, synthetic material.

Prehung Doors and Frames:

Door Rails: One-piece vertical grain Oregon Douglas Fir, machined for integral stop.

Door size: 2 feet wide by 6 feet 8 inches.

Door size: 3 feet wide by 6 feet 8 inches.

Door swing, as viewed from outside sauna, outswinging: Model FGD-L, hinged left side.

Door swing, as viewed from outside sauna, outswinging: Model FGD-R, hinged right side.

Glass: Hermetically-sealed double glass, tempered. Clear.

Custom designed and etched, negative image.

Custom designed and etched, positive image.

Casing, Jamb, and Threshold: Vertical grain Redwood, S4S, maximum 11 percent moisture content, jamb machined for integral stop.

Hinges: Three 4-inch by 4-inch butts.

Ball Catch: Ives MP347B3.

Door Pulls: Two wood pulls 080 each door.

Sauna Heaters: Three-wall pressed metal construction, stainless steel heating elements, large rock capacity, direct rock contact with heating elements, free air flow; UL tested and listed.

Wall mounted type, single phase; Model FLB\_\_\_\_\_.

Size: 16 inches (406 mm) wide, 11 inches (279 mm) deep, 24 inches (610 mm) high.

Construction: Stainless steel interior and top, baked enamel exterior.

Construction: Stainless steel interior and top, stainless steel exterior.

Controls: Built-in (60 minute timer, thermostat), 8-hour programmable time clock.

Controls, Front Mounted: Built-in (60 minute timer, thermostat).

Wall mounted type, single phase; Model FIN\_\_\_\_\_.

Size: 16 inches (406 mm) wide, 11 inches (279 mm) deep, 24 inches (610 mm) high.

Construction: Stainless steel interior and top, baked enamel exterior.

Construction: Stainless steel interior and top, stainless steel exterior.

Controls: Wall mounted; include thermostat, 60-minute timer, light switch, and indicator light.

Contactors: Model FL402; 6 inches (152 mm) wide, 8 inches (203 mm) high, 4 inches (102 mm) deep.

Wall mounted type, three phase; Model FIN\_\_\_\_\_.

Size: 16 inches (406 mm) wide, 11 inches (279 mm) deep, 24 inches (610 mm) high.

Construction: Stainless steel interior and top, baked enamel exterior.

Construction: Stainless steel interior and top, stainless steel exterior.

Controls: Wall mounted; include thermostat, 60-minute timer, light switch, and indicator light.

Contactors: Model FL303; 6 inches (152 mm) wide, 8 inches (203 mm) high, 4 inches (102 mm) deep.

Floor model type, single phase; Model FLC\_\_\_\_\_.

Size: 17 inches (432 mm) wide, 20 inches (508 mm) deep, 26 inches (660 mm) high.

Construction: Deluxe stainless steel interior and exterior.

Controls: Wall mounted; include thermostat, 60-minute timer, light switch, and indicator light.

Contactors: Model FL404; 8 inches (203 mm) wide, 12 inches (305 mm) high, 4 inches (102 mm) deep.

Floor model type, three phase; Model FLC\_\_\_\_\_.

Size: 17 inches (432 mm) wide, 20 inches (508 mm) deep, 26 inches (660 mm) high.

Construction: Deluxe stainless steel interior and exterior.

Controls: Wall mounted; include thermostat, 60-minute timer, light switch, and indicator light.

Contactors: Model FL503; 8 inches (203 mm) wide, 12 inches (305 mm) high, 4 inches (102 mm) deep.

Heater Fence: S4S, kiln-dried clear vertical grain, 1 by 2 (3/4 inch by 1-5/8 inches) and 2 by 2 (1-5/8 inches by 1-5/8 inches).

Benches: S4S, kiln-dried clear vertical grain, 2 by 2 (1-5/8 inches by 1-5/8 inches) tops with 1/2 inch nominal spacing; eased edges to eliminate sharp angles.

Facings: 2 by 4 (1-5/8 inches by 3-1/2 inches) of same material as tops; eased edges.

Trim: Wood species to match room paneling.

Fasteners: Galvanized, applied from bottom to eliminate

exposed metal; exposed nails countersunk and filled.

Vents: 4 inches by 10 inches.

Lower: Neatly cut into room base.

Upper: Neatly cut into upper wall.

Lower: Provided for lower wall location.

Upper: Provided for upper wall location.

Light: Vapor-proof, wall-mounted, Progress P5511, satin finish cast aluminum, 75 watts.

#### ACCESSORIES

##### Standard Accessories:

100N or B; Wood bucket, 1 gallon.

100L; Plastic bucket liner.

106/40; Wood dipper, 16 inches.

079; Tapered headrest.

3444; Redwood thermometer.

PBS; Plexiglass bathing sign.

P5511; Vapor-proof wall light.

SD12; Interlocking Super Dek flooring, 12 inches square.

##### Optional Accessories:

442F; Cedar towel hanger.

5499; Chrome/glass thermometer/hygrometer, 7-inch diameter.

5498; Chrome/glass thermometer/hygrometer, 5-inch diameter.

5355; Chrome/glass thermometer, 4-inch diameter.

4355; Chrome/glass hygrometer, 4-inch diameter.

293A; Wood thermometer/hygrometer.

215K; Birch bark sauna sign, 3-1/2 inches by 10 inches.

210K; Sauna sand timer.

490-128; Set of two brushes.

101N; Wood bucket, 1.84 gallons.

3433; Pine "Sauna" door handle.

3434; Plain door handle.

120; Door handle with towel hook.

3465; Light copper bucket.

3455; Light copper dipper.

106/50; Wood dipper, 19 inches.

108N; Wood pail, 2 gallons.

PART EXECUTION

## EXAMINATION

Verify that utility services are of correct type and in correct locations.

Verify that construction activities affecting work of this section are correct and complete.

Examine conditions under which work of this section is to be performed.

Submit written notification if such conditions are unacceptable.

Transmit two copies of installer's report to Architect within 24 hours of receipt.

Beginning work of this section before unacceptable conditions have been corrected is prohibited.

Beginning construction activities of this section indicates installer's acceptance of conditions.

## INSTALLATION

Install saunas and accessories in accordance with shop drawings and manufacturer's printed installation instructions.

Connection of heater, lighting, and control/monitoring equipment, to electrical service is specified in Section 16100.

## CLEANING

Clean soiled surfaces in accordance with manufacturer's instructions.

## PROTECTION OF INSTALLED PRODUCTS

Protect sauna and components from damage to finishes and operation until Substantial Completion.

END OF SECTION