

SECTION 10 3100

MANUFACTURED FIREPLACES

PART 1 GENERAL

1.1 SUMMARY

- A. Work of this Section consists of interior and exterior gas-fired fireplaces.
- B. Related Documents and Sections: Examine Contract Documents for requirements that directly affect or are affected by Work of this Section. A list of those Documents and Sections include, but is not limited to the following:
 - 1. General provisions of the Contract, including General and Supplementary Conditions, and Division 01 General Requirements Specification Sections.
 - 2. Section 06 1000 - ROUGH CARPENTRY:
 - 3. Section 04 2000 - UNIT MASONRY.
 - 4. Section 09 2116 - GYPSUM BOARD ASSEMBLIES.
 - 5. Division 23 - HEATING, VENTILATING AND AIR CONDITIONING.
 - 6. Division 26 - ELECTRICAL:

1.2 SUBMITTALS

- A. Action Submittals
 - 1. Product Data: For each type of product.
 - a. Include the following:
 - 1). Available options and finishes.
 - 2). Standard construction details.
 - 3). Dimensions of individual components and profiles.
 - 4). Finish descriptions.
 - 5). Operating instructions.
 - 6). Accessories included.
 - 2. Shop Drawings:
 - a. Include the following:
 - 1). Plans, elevations, sections, required clearances, installation details, and attachments to other work.
 - 2). Details for accessory components not included in product data.
 - 3). Location of utility connections.
 - 3. Samples for Initial Selection: Manufacturer's color charts showing full range of standard colors, textures, and finishes available.
- B. Informational Submittals
 - 1. Manufacturers' Instructions: Printed installation instructions. Indicate by transmittal that copies of instructions and recommendations have been distributed to installer.
 - 2. Sample Warranty: Sample of warranties specified in this Section.
- C. Closeout Submittals
 - 1. Operation and Maintenance Data: Submit manufacturer's printed, recommended operational and maintenance data.
 - 2. Warranty Documentation: Properly executed warranties specified in this Section.

D. Maintenance Material Submittals

1. Tools: Provide special tools and wrenches applicable to each different or special component furnished by this Section.

1.3 QUALITY ASSURANCE

- A. General: Notify the Architect where conflicts apply between referenced standards and specified materials, and indicated methods of construction.
- B. Obtain fireplace, flue and accessories from a single manufacturer, or from manufacturers recommended by the prime manufacturer of fireplace.
- C. Regulatory Requirements: Conform to applicable codes for clearances from adjacent materials, chimney height above roof line requirements and UL approval.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Do not deliver items to the site, until all specified submittals have been submitted to, and approved by, the Architect.
- B. Deliver materials in original packages, containers or bundles bearing brand name, and identification of manufacturer.

1.5 FIELD MEASUREMENTS

- A. Take field measurements before preparation of shop drawings and fabrication, where possible, to ensure proper fitting of Work.
- B. Allow for adjustments within specified tolerances wherever taking of field measurements before fabrication might delay Work.

1.6 SEQUENCING AND SCHEDULING

- A. Coordinate the work of this Section with the respective trades responsible for installing interfacing work, and ensure that the work performed hereunder is acceptable to such trades for the installation of their work.
- B. Coordinate schedule of construction, size of access and route to place of installation to prevent delay of installation due to physical impediments. Any work involving the demolition and reconstruction of partitions, walls, floors, roofing, windows, or doors to place and install the work of this Section shall be performed at no additional cost to the Owner.

1.7 COORDINATION

- A. Coordinate with Division 22 - PLUMBING for gas line connections and Division 26, ELECTRIC for ignition systems.

PART 2 PRODUCTS

2.1 INTERIOR GAS FIREPLACE SYSTEMS

- A. Provide gas fireplace inserts by Ortol as selected by the Architect.
 1. Listing Agencies: Unit shall be UL-Listed and approved by AGA.
 2. Accessories:
 - a. Doors: Fixed-glass doors.

- b. Flame Bed: As selected by Architect.
- c. Controls: Provide activation via a remote located wall switch as located by the Architect.
- 3. Fireplace Lining: Fireplace shall include refractory brick lining.
- 4. Fireplaces may utilize Ortal power vent option with horizontal flush mount power vent.

2.2 EXTERIOR GAS FIREPITS

- A. Custom units by Paloform or equal in sizes indicated. Electronic ignition.

2.3 ACCESSORIES

- A. Furnish all accessories and miscellaneous items required to install fireplace system in complete working order.

2.4 FACTORY FINISHING

- A. Exposed to view surfaces at face of hearth: Hot rolled steel with clear powder coat finish.
- B. Interior finish at firebox: Manufacturer's standard black powder coat finish.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Inspect all surfaces and verify that they are in proper condition to receive the work of this Section.
- B. Beginning of installation means acceptance of existing project conditions.
- C. Verify that prepared openings are ready to receive work and opening dimensions are as indicated on shop drawings and are as instructed by the manufacturer.

3.2 COORDINATION

- A. Coordinate work of other trades to ensure required dimensions and clearances are provided for fireplace system.

3.3 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other Sections.
- B. Restore damaged finishes and test for proper operation. Clean and protect work from damage.

3.4 CLOSEOUT ACTIVITIES

- A. Demonstration: Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain fireplace. Refer to Division 1 Section "Demonstration and Training."

END OF SECTION

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