

SECTION 10310 – MANUFACTURED FIREPLACE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Vent-Free Gas flush mount firebox and gas log set.
- B. Related Sections include the following:
 - 1. Division 06 Section "Interior Architectural Woodwork" for millwork surrounding firebox.
 - 2. Division 15 for gas pipe connections to firebox.
 - 3. Division 16 for electrical connections to firebox.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated. Include operating characteristics, dimensions of individual firebox and finishes.
- B. Manufacturer Certificates: Signed by manufacturers certifying that products comply with requirements.
- C. Product Test Reports: Based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, for firebox and logs.
- D. Research/Evaluation Reports: For firebox and logs.
- E. Maintenance Data: For firebox and log to include in maintenance manuals.
- F. Warranties: Special warranties specified in this Section.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: An employer of workers trained and approved by manufacturer for installation and maintenance of units required for this Project.

- B. **Manufacturer Qualifications:** A qualified manufacturer. Maintain, within <Insert number> miles (<Insert number> km) of Project site, a service center capable of providing training, parts, and emergency maintenance repairs.
- C. **Source Limitations:** Obtain residential appliances through one source[from a single manufacturer].
 - 1. Provide products from same manufacturer for each type of appliance required.
 - 2. To the greatest extent possible, provide appliances by a single manufacturer for entire Project.
- D. **Product Options:** Information on Drawings and in Specifications establishes requirements for product's aesthetic effects and performance characteristics. Aesthetic effects are indicated by dimensions, arrangements, alignment, and profiles of components and assemblies as they relate to sightlines, to one another, and to adjoining construction. Performance characteristics are indicated by criteria subject to verification by one or more methods including preconstruction testing, field testing, and in-service performance.
- E. **Regulatory Requirements:** Comply with provisions of the following product certifications:
 - 1. **NFI Certification:** The gas firebox is to be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute (NFI) as NFI Gas Specialists.
 - 2. **UL and NEMA:** Provide electrical components required as part of fireboxes that are listed and labeled by UL and that comply with applicable NEMA standards and National Electric Code ANSI/NFPA 70 (latest edition).
 - 3. **ANSI:** Provide gas-burning unit that comply with ANSI Z21 Series standards and National Full Gas Code ANSIZ223.1 NFPA54 (latest edition).
- F. **Preinstallation Conference:** Conduct conference at Project site to comply with requirements in General Conditions.

1.5 WARRANTY

- A. **Special Warranties:** Manufacturer's standard form in which the manufacturer agrees to repair or replace firebox, gas log or components that fail in materials or workmanship within one-year warranty period.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:
 - 1. **Available Products:** Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products specified.

2. Basis-of-Design Product: The design for gas firebox and log is based on the product named. Subject to compliance with requirements, provide either the named product or as approved equal.

2.2 VENT FREE GAS FIREBOX

- A. Basis-of-Design Product: Vent-free gas flush mount firebox, Beckenridge Series VFD 42FB as manufactured by White Mountain Hearth or approved equal.
- B. Options:
 1. Decorative Door Frame Arch and Decorative Door Mission Arch.
 - a. Finish: Matte Black
 2. Ceramic Fiber Charred Oak Log Set (LS-24C2) with sloped Glaze Burner System (VFSR-24).
 3. Remote Control.
 4. Extruded Aluminum Frame.
 - a. Finish: Matte Black.

2.3 FINISHES, GENERAL

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
- B. Examine roughing-in for piping and electrical systems to verify actual locations of piping and wiring connections before equipment installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

- A. General: Comply with manufacturer's written instructions.
- B. Built-in Equipment: Securely anchor units to supporting structure. Verify that clearances are adequate for proper functioning and rough openings are completely concealed.
- C. Utilities: Refer to Divisions 15 and 16 for gas and electrical requirements.

3.3 CLEANING AND PROTECTION

- A. Test gas firebox and lot to verify proper operation. Make necessary adjustments.
- B. Verify that accessories required have been furnished and installed.

3.4 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain gas firebox and log.

END OF SECTION 10310