

## **SECTION 103100 - MANUFACTURED FIREPLACES**

### **PART 1 - GENERAL**

#### **0.1 SUMMARY**

##### **A. Section Includes:**

1. Prefabricated gas-fueled top-vented fireplace with metal firebox for lobby.
2. Prefabricated modular masonry wood-burning fireplace for first floor outdoor bar area.
3. Prefabricated gas-fueled direct-vented fireplaces for typical guest rooms.
4. Prefabricated gas-fueled ventless outdoor fireplace for rooftop deck.
5. Simulated logs.
6. Glass door assemblies.
7. Remote controls.
8. Power vent devices.
9. Chimney flues and roof or wall caps.

##### **B. Related Requirements:**

1. Division 23 Sections for ventilation components providing combustion air supply and ventilation airflow for gas burner systems.

#### **0.2 ACTION SUBMITTALS**

- A. Product Data: For each type of product indicated. Include rated capacities, operating characteristics, dimensions, furnished accessories, and finishes.
- B. Samples: For each exposed product and for each color and texture specified, in manufacturer's standard size.
- C. Product Schedule: For fireplaces. Use same designations indicated on Drawings.

#### **0.3 INFORMATIONAL SUBMITTALS**

- A. Certifications and Permits: Provide certifications and permits as required by authorities having jurisdiction.
- B. Warranties: Manufacturer's standard warranty for each fireplace.

#### **0.4 CLOSEOUT SUBMITTALS**

- A. Operation and Maintenance Data: For each fireplace to include in operation and maintenance manuals.

#### **0.5 WARRANTY**

- A. Warranties: Provide manufacturer's standard warranty for each fireplace.

### **PART 2 - PRODUCTS**

#### **0.1 MANUFACTURED UNITS**

##### **A. Lobby Gas Fireplace:**

1. Basis-of-Design Product: Montigo® (montigo.com); Model BF52 with power CoolPack.

2. Characteristics and Features:
    - a. Type: Top vent; see-through.
    - b. Fuel: Natural gas.
    - c. Flue Damper: With built-in power vent at lobby roof.
    - d. Construction: Sheet metal, black-painted galvanized steel
    - e. Input: 150,000 BTU's/hour.
  3. Fireplace Trim and Accessories:
    - a. Simulated Logs: Manufacturer's standard ceramic fiber refractory, consisting of individually molded split logs and burning embers.
    - b. Fireplace Front: Manufacturer's optional tempered glass front.
  4. Fireplace Controls:
    - a. Remote Control: Manufacturer's standard.
      - 1) Functions: Turns fireplace on and off; digitally displays temperature of room.
- B. First Floor Outdoor Bar Wood-Burning Fireplace:
1. Basis-of-Design Product: Earthcore Industries, LLC, Jacksonville FL; Earthcore® ISOKERN Standard 46" Fireplace with DM Chimney.
  2. Characteristics and Features:
    - a. Type: Modular masonry firebox.
    - b. Fuel: Wood.
  3. Firebox Lining:
    - a. Firebrick Pattern: As selected by Architect from manufacturer's full range.
    - b. Firebrick Style and Color Range: As selected by Architect from manufacturer's full range.
- C. Guest Room Gas Fireplaces:
1. Basis-of-Design Products: Majestic (majesticproducts.com); QUARTZ series Direct Vent Gas Fireplaces with DRC radius cap and TotalRemote controls.
  2. Characteristics and Features:
    - a. Type: Direct vent.
    - b. Fuel: Natural gas.
    - c. Construction: Sheet metal, firebrick lined
  3. Fireplace Trim and Accessories:
    - a. Simulated Logs: Manufacturer's standard ceramic fiber refractory, consisting of individually molded split logs and burning embers.
    - b. Fireplace Front: Manufacturer's optional glass front.
    - c. Interior Brick Lining: As selected by Architect from manufacturer's full range.
  4. Fireplace Controls:
    - a. Remote Control: Manufacturer's standard.
      - 1) Functions: Turns fireplace on and off; digitally displays temperature of room.

D. Outdoor Rooftop Deck Gas Fireplace:

1. Basis-of-Design Products: Montigo® (montigo.com); Model C520-ODD with POWERED COOL and control panel Model MCP-1-2-05-I.
2. Characteristics and Features:
  - a. Type: Ventless, single-sided outdoor unit.
  - b. Fuel: Natural gas.
  - c. Construction: Custom built to design indicated.
  - d. Input: 75,000 BTU's/hour.
  - e. Power Vent Location: Internal.
  - f. Burner Type: Concealed.
3. Fireplace Trim and Accessories:
  - a. Simulated Logs: Manufacturer's standard ceramic fiber refractory, consisting of individually molded split logs and burning embers. Notify Architect if manufacturer has alternate standard trim and accessories.
  - b. Fireplace Front: Manufacturer's standard glass front; 18 inches high by 60 inches wide.
4. Fireplace Controls:
  - a. Remote Control: Manufacturer's standard.
    - 1) Functions: Turns fireplace on and off; digitally displays temperature of room.

E. Chimney Flues: Manufacturer's standard insulated, double wall flue with hot-dip galvanized inside and stainless steel outside.

1. Chimney Cap: Cage type, manufacturer's standard unit suitable for installation in roof type and conditions indicated.

PART 3 - EXECUTION

0.1 INSTALLATION

- A. General: Comply with manufacturer's written instructions. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other Sections. Install level, plumb and true to line.
- B. Examine roughing-in for piping and electrical power systems to verify actual locations of piping, power and control connections before fireplace installation.
- C. Prepare wall openings and blocking of proper dimensions and placement to accommodate fireplace box, gas line and electrical power connection and installation of fireplace surround.
- D. Securely anchor units to supporting construction with concealed fasteners. Verify that clearances are adequate for proper functioning and that rough openings are completely concealed.
- E. Utilities: Comply with plumbing and electrical requirements.
- F. Restore damaged finishes and test for proper operation. Clean and protect work from damage.