

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Manufactured gas fireplaces.

1.02 RELATED SECTIONS

- A. Section 06 10 00 - Rough Carpentry.
- B. Section 09 29 00 - Gypsum Drywall.
- C. Division 22 - Plumbing Piping.
- D. Division 26 - Equipment Wiring.

1.03 REFERENCES

- A. American National Standards Institute (ANSI).
- B. Department of Energy's (DOE) Annual Fuel Utilization Efficiency (AFUE) rating.
- C. American Gas Association (AGA).

1.04 SUBMITTALS

- A. Submit under provisions of Section 01 30 00.
- 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.
 - 4. Cleaning and maintenance instructions.
- C. Shop Drawings: Provide shop drawings indicating details of construction and installation including but limited to anchorage details and connection to utilities.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: Manufacturer authorized service contractor.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards. Protect from damage.
- B. Store products in manufacturer's labelled packaging until ready for installation.

1.07 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.08 SEQUENCING AND SCHEDULING

- A. Conference: Convene a pre-installation conference to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work.

1.09 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's standard one year limited warranty against defects in materials and manufacturing.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer: Heatilator, a brand of Hearth & Home Technologies, Inc., Lakeville, MN. 800-927-6841, www.heatilator.com.
- B. Subject to compliance with the requirements, substitutions of other manufacturer's comparable products will be considered.

2.02 GAS FIREPLACES

- A. Gas Fireplaces: Heatilator Gas Fireplaces See-Through Direct Vent model GDST4336IFT.
 - 1. Location:
 - a. Library/Parlor.
 - 2. Compliance:
 - a. Efficiency: Exceeds D.O.E. Efficiency requirements (A.F.U.E.) for direct vent wall heaters.
 - b. Safety Controls: AGA certified.
 - c. Safety Testing: ANSI/AGA compliant.
 - 3. Gas Supply: Compatible with natural gas or LP gas.
 - 4. Unit Size: 42-1/2" x 24" x 38"
 - 5. BTUH:
 - a. High: 37,000
 - b. Low: 27,000
 - 6. Vent Size:
 - a. Diameter: 8 inches
 - 7. Control Options:
 - a. Wall Switch model WSK200-HTL
 - 1) On/Off
 - 2) Auto Battery Back Up
 - 3) Fan Speed
 - 4) Pilot Activation
 - 8. Pilot System: Standing pilot.
 - 9. Front Style: Craftsman
 - a. Front Finish: As selected from manufacturer's standard range of colors.
 - 10. Mantels and Surrounds:
 - a. Design: To Be Selected
 - b. Size: To Be Selected
 - c. Material: To Be Selected
- B. Gas Fireplaces: Heatilator Gas Fireplaces Direct Vent model CD4236IFTI.
 - 1. Location:
 - a. Lobby

2. Compliance:
 - a. Efficiency: Exceeds D.O.E. Efficiency requirements (A.F.U.E.) for direct vent wall heaters.
 - b. Safety Controls: AGA certified IPI Auto Electronic Ignition System Activated with Thermostatic Remote Control.
 - c. Safety Testing: Intertek to CGA/AGA/ANSI standards.
3. Gas Supply: Compatible with natural gas or LP gas.
4. Unit Size: 41" x 21" x 40".
5. BTUH:
 - a. High: 35,000
 - b. Low: 19,500
6. Vent Size:
 - a. Diameter: 8 1/2 inches.
7. Control Options:
 - a. Wall Switch model WSK200-HTL:
 - 1) On/Off
 - 2) Auto Battery Backup
 - 3) Fan Speed
 - 4) Pilot Activation
8. Front Style: Harbor.
 - a. Front Finish: As selected from manufacturer's standard range of colors.
9. Mantels and Surrounds:
 - a. Lobby
 - 1) Design: To Be Selected
 - 2) Size: To Be Selected
 - 3) Material: To Be Selected

PART 3 - EXECUTION

3.01 PREPARATION

- A. Do not proceed with installation until substrates have been properly prepared and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- B. Prepare substrates using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's written instructions and recommendations, and in proper relationship with adjacent construction.
- B. Test and adjust for proper operation.

3.03 CLEANING, MAINTENANCE AND PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION