



**SAMPLE SPECIFICATION  
TYPE B VENT  
MODEL M**

**PART 1 GENERAL**

**1.1 SCOPE**

- A. The provisions of Section \_\_\_\_\_, Mechanical General Specifications apply to all work in this Section.
- B. This Section includes specifications for furnishing and installing Type B Vent.

**1.2 SUBMITTALS**

Submit the following in accordance with Section \_\_\_\_\_:

- A. Catalog cuts
- B. Installation drawings
- C. Installation instructions
- D. Sample of warranty

**1.3 QUALITY ASSURANCE**

**A. APPLICABLE STANDARDS**

B-Vent products shall be listed to UL-441 and carry the appropriate UL or cUL listing mark or label. The installation of B-Vent products shall conform to the requirements of NFPA-54, NFPA-211 and the manufacturer's installation instructions.

**B. WARRANTY**

Type B Vent shall be warranted by the manufacturer against defects in material and workmanship for a period of one (1) year from the date of the original installation.

## PART 2 PRODUCTS

### 2.1 TYPE B VENT

A. The vent shall be of the double-wall, factory-built type for use with approved Category I appliances burning natural or LP gas, which produce flue gases exhausted at temperatures not exceeding 550° F.

B. The vent shall be constructed of an outer wall of galvanized steel, .018" thick G-90 for sizes 3" to 14" diameter, and .024" thick G-90 for sizes 16" to 30" diameter.

The inner wall shall be constructed of aluminum alloy, .012" thick for sizes 3" to 8" diameter and .018" thick for sizes 10" to 30" diameter.

The vent shall include an integral, annular insulating air space, 1/4" thick for sizes 3" to 6" diameter and 1/2" thick for sizes 7" to 30" diameter.

C. Edges of inner and outer walls shall be hemmed prior to final assembly to prevent pipe and fittings from having exposed sharp edges. Walls shall be attached to maintain spacing and prevent separation of inner and outer walls.

D. The vent pipe shall incorporate a push-tab locking system to prevent disassembly of vent during or after installation.

E. All fittings, flashing, storm collar, cap, and appliance adapter required to install the vent shall be included.

F. Vent shall be tested and listed for a minimum clearance to combustibles of 1" for sizes 3" to 24" diameter and 2" for sizes 26" to 30" diameter.

G. Vent shall terminate as required by code.

H. B-Vent shall be installed in accordance with the vent manufacturer's installation instructions, UL listing and state or local codes.

### 2.2 AVAILABLE MANUFACTURERS

Vent pipe shall be Model M with Sure Lock ? B-Vent Locking System as manufactured by Metal-Fab Inc.

## PART 3 EXECUTION

- A. Store delivered materials inside, out of the weather. Protect materials from accidental damage or vandalism.
- B. Installation shall conform to the manufacturer's installation instructions, UL listing and state or local codes.
- C. Support chimney from building structure using rigid structural shapes for attachment of fixed point supports (Plate Support Assembly). Anchor supports to structure by welding, bolting, steel expansion anchors, or concrete inserts. Size of structural shapes shall be in accordance with manufacturer's recommendations.
- D. Coordinate installation of dampers or fans. Dampers or fans shall be supported independently from the chimney sections. Protect chimney from twist or movement due to fan torque or vibration.
- E. Protect incomplete chimney installations by attaching temporary closures over open ends of sections.
- F. Clean all chimneys and breechings of dust and debris prior to final connection to appliances.