

STANDARD SPECIFICATION
JANUARY 2010

DIVISION 11

SECTION 11F INTERIOR "B" VENT

11F.01 GENERAL: Comply with all of the Contract Documents.

11F.02 SCOPE OF WORK: Refer to "Division Scope of Work"

11F.03 WORK OF OTHER SECTIONS

- A. The following items are excluded from the work of this Section:
1. Fire rated chimney enclosure under Division 9.

11F.04 MATERIALS

- A. Double wall corrosion resistant vent for negative or atmospheric gas appliances.
- B. Outer casing shall be premium grade G90 galvanized steel .018 minimum.
- C. Inner liner shall be aluminum .012 minimum.
- B. Between the inner and outer shells, there shall be an air gap. Centering clips shall be welded to the shells to maintain spacing and ensure concentricity of the shells.
- C. Vent System shall include locking channel with positive stop twist lock. Vent sections can be rotated, and locked, eliminating possible disassembly. Sections may be rotated out of lock manually for removal.
- D. Vent shall be able to maintain a maximum temperature (continuous firing) of 400° F plus ambient.
- E. Approved "B" vent manufacturers are Metal – Fab Inc., Selkirk Metalbestos, Simpson Dura-Vent and Van Packer.
- F. All materials must conform to all Fuel Gas Code Requirements.

11F.05 INSTALLATION

- A. Vents that pass through a combustible roof shall be guarded with a non-combustible ventilating thimble of galvanized metal and must extend at least nine (9) inches below and above roof construction.
- B. The minimum clearance required from any combustible materials is 6" for full height of vent.

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- C. “B” vent sections, when installed according to manufacturer’s instructions, shall comply with national safety standards and Building Codes. Stacks terminating above a roof must terminate as required by Fuel Gas Code Chapter 5 and NFPA 211.
- D. Vertical section shall be securely supported at each floor level by appropriate hanger/wall band, as suggested by manufacture.
- E. Provide drainage of assembly for both horizontal and vertical sections as recommended by manufacture.
- F. All components required for this complete assembly must be from one manufacture, mixing of components from different companies is not acceptable.

11F.06 CODES

- A. All work under this Section shall be installed in strict accordance to, and in conformance with, all Local and State Regulations and Codes having Jurisdiction, and N.B.F.U.

11F.07 CERTIFICATES

- A. Contractor shall submit certificate for compliance with Building Code and manufacturer specifications.

11F.08 GUARANTEES

- A. Guarantee all items of work furnished and installed under this Section for (1) one year, in addition to manufacturer’s standard warranties. All guarantees to be from the date, when **Final Certificate of Occupancy** is issued from Department of Buildings.

END OF SECTION