



Vent Pipes Aluminum – Type VP

Part 1- General

1.1 Standards

- .1 Conform to CAN3-S157 -M83 Strength Design in Aluminum.
- .2 Conform to CSA W59.2 -M191 Welded Aluminum Construction and CSA W47.2-M1987 Certification of Companies for Fusion Welding of Aluminum.

1.2 Quality Assurance

- .1 Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W47.2-M1987, Certification of Companies for the Fusion Welding of Aluminum.

1.3 Shop Drawings

- .2 Submit shop drawings in accordance with Section 01300 - Submittals.
- .3 Indicate materials, thicknesses, weld symbols, reinforcement, details and accessories.
- .4 Manufacturer shall supply installation drawings and instructions.

Part 2- Products

2.1 Materials

- .5 Aluminum Extruded Shapes: to CSA HA.5-M1980, Alloys 6061, 6063 or 6351- Temper 6.
- .6 Fasteners in 304 stainless steel.

2.2 Fabrication

- .1 Fabricate square, true, and accurate to required size, with joints closely fitted. Remove all burrs and sharp edges.
- .2 Isolate all surfaces coming in contact with neoprene gasket.

2.3 Vent Pipes

- .1 Provide the appropriate vent pipe to the dimensions on the Contract Drawings. Ensure all vents are supplied with:
 - .a a 180 degree return at top,
 - .b either a perforated sheet bird screen or a mesh insect screen,
 - .c plates to surface mount to concrete, and



.d wedge anchors.

Part 3 – Execution

3.1 Installation

.1 Install vent pipes where indicated on the drawings.