



MINI-VENT<sup>®</sup> Air Admittance Valve

Manufacturer: Studor<sup>®</sup>, Inc.  
 Model #: MINI-VENT<sup>®</sup>

Connection Size: 1 1/2" - 2"  
 Item #: 20301 (PVC Connector); 20300 (ABS Connector)

**General:**

An air admittance valve shall be acceptable as a vent termination for any individual vent, common vent, circuit vent, loop vent, island fixture vent, vent stack or stack vent that is provided to prevent siphonage of a fixture trap. An air admittance valve can be used as an alternative to extending a vent through the roof (or sidewall) to the open atmosphere.

**Location:**

- A. The MINI-VENT shall be located a minimum of 4" above the horizontal branch drain or fixture drain being vented and a minimum of 6" above the flood level of the highest fixture for stack venting.
- B. Each valve should be installed in an accessible location.

**Installation:**

- A. The valve should be connected to the piping in accordance with the manufacturer's installation instructions.
- B. The valve should be installed in the vertical, upright position after rough-in and pressure testing of the DWV system.
- C. A minimum of one vent shall extend to the open atmosphere for every building drainage system.
- D. The valve should not be installed in non-neutralized special (chemical) waste system or in supply and return air plenums.
- E. The valve may be installed on sewer ejectors, if installed according to engineer design and prior local code approval.
- F. For installation in areas with temperature range between -40 and 150° F.

**Features:**

- A. Screening on the inside and outside of the valve to protect the sealing assembly from insects and debris.
- B. Protective cover for the air intake and additional insulation against extreme temperatures.
- C. Ability to divert condensation away from sealing membrane.
- D. Limited lifetime warranty for replacement of defective valves.

**Materials:**

- A. Polystyrene
- B. ABS (acrylonitrile butadiene styrene) valve with silicone membrane
- C. ABS or PVC (adaptor)

**Performance Standards:**

ANSI/ASSE 1051 A&B — single fixture and branch type AAVs  
 ANSI/ASSE 1050— stack type AAVs  
 NSF Standard 14— Plastics Piping System and Components

**Code Compliance:**

- International Plumbing Code (IPC)
- International Residential Code (IRC)
- Uniform Plumbing Code (UPC Section 301.2 Alternative Materials and Methods)
- National Standard Plumbing Code (NSPC)—Appendix "E"
- National Plumbing Code of Canada (NPC)

**Listings:**



Horizontal Branch Size	Max DFUs
1 1/2"	3
2"	6
3"	20
4"	160
Stack Size	Max DFUs
1 1/2"	8
2"	24