

SPECIFICATION SUBMITTAL SHEET



TEC-VENT® Air Admittance Valve

Manufacturer: Studor®, Inc.

Connection Size: 1 1/2"

Model #: TEC-VENT®

Item #: 20344

General:

An air admittance valve shall be acceptable as a vent termination for any individual vent, common vent, circuit vent, loop vent, and island fixture 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 TEC-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 as a vent terminal for any special (chemical) waste system.
- E. The valve may be installed on sewer ejectors or in supply and return air plenums, if installed according to engineer design and prior local code approval.
- F. For installation in areas with temperature range between -40 and 150°F.
- G. Not for installation in non-neutralized special (chemical) waste systems.

Features:

- A. Screening on the inside and outside of the valve to protect the sealing membrane from insects and debris.
- B. Ability to divert condensation away from sealing membrane.
- C. UV rated.
- D. Limited lifetime warranty for replacement of defective valves.

Materials:

Flame-retardant polycarbonate resin valve with silicone membrane.

Performance Standards:

- ANSI/ASSE 1051 — Single fixture and branch type AAVs
- ANSI/ASSE 1050—Stack type AAVs
- NSF Standard 14— Plastics Piping System and Components
- UL Standard 2043

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:



AIR ADMITTANCE VALVES
DISCRETE PRODUCTS INSTALLED IN AIR-HANDLING SPACE
(PLENUMS)
As to Heat Release and Smoke Optical Density Only
9DA2

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



500 Distribution Parkway Collierville, TN 38017 • 800-888-8312 • 901-853-5001 • FAX: 901-853-5008 • www.ipscorp.com