

SPECIFICATION SUBMITTAL SHEET



TEC-VENT® AIR ADMITTANCE VALVE for Commercial or Residential Applications

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 should be located a minimum of 4" above the horizontal branch drain or fixture drain being vented
- 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, if installed according to engineer design and prior local code approval.
- F. For installation in areas with temperature range between -40°F and 150°F.
- G. The valve may be installed in supply and return air plenums if installed according to engineer design and prior local code approval.
- H. Not for installation in non-neutralized chemical waste systems.

Features:

- A. Screening on the inside and outside of the valve to protect the ceiling membrane from insects or debris.
- B. Ability to divert condensation away from the ceiling 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 1051-2009 single fixture and branch type AAVs
 ANSI/ASSE 1050-2009 stack type AAVs
 NST standard 14-2009 Plastics Piping System and Components
 UL Standard 2043

Listings:



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

Horizontal Branch Size	Maximum DFUs
1 1/4"	1
1 1/2"	3
2"	6
3"	20
4"	160

Stack Size	Maximum DFUs
1 1/2"	8
2"	24

For general planning and installation, we recommend the use of these tables. It is based on national standards, plumbing codes and the Hunter curve. Please contact IPS for special applications.

Item #	Product Description	Model #	Case Quantity
20344	Tec-Vent® Connection Size 1 1/2" NPT	20344	24

