

City of Bellingham Policy

Policy No. 2009-003

Title: Air Admittance Valves

Code: 2006 Uniform Plumbing Code

Chapter: UPC 301.2

Level of Policy: Departmental

Date Issued: September 18, 2009

Developed by: Jim Tinner, CBO

Date Revised: N/A

Revised by: N/A

Approved by: Jim Tinner

Supersedes: All Prior

See Also:

Purpose

To reduce unnecessary construction and repair costs by allowing the use of air admittance valves in plumbing systems.

Scope

All domestic and commercial plumbing systems other than those facilities requiring special treatment of waste water.

Definitions

AAV means Air Admittance Valve.

Policy/Conditions

Air Admittance Valves may be installed when all of the following conditions are met.

- The AAV is installed per the manufacturers installation instructions.
- The AAV is installed in an accessible, ventilated space.
- The AAV is not installed in a space utilized as a supply or return air plenum.
- The building is provided with conventional venting which extends above the roof and such venting cross sectional area is at least equal to that of the required building drain.
- The AAV is not intended to replace a conventional vent in new construction unless a structural situation exists that would unreasonably prohibit the installation of such conventional venting. Examples of unreasonable prohibition include, requiring soffits or furring that diminish the usability or architectural appearance of a space. Soffits or furring that do not add significant costs or do not diminish the usability or architectural appearance of the space are not considered as unreasonable.
- The AAV is limited to installations where anticipated pressure differential is 1" or less.
- AAV to comply with one or more of the following standards:

ASSE 1050, ASSE 1051, NSF Standard 14

References/Sources

IAPMO Certificate of Listing C-3803

ICC-ES Listing #PMG-1025