



City of Glendale, AZ

Technical Guideline

Building Inspection Department

Technical Guideline

Interpretation

Modification

Issue Date: February 2014
Code/Section: 2012 International Plumbing Code 918
Approved: Mechanical/Plumbing Staff
Developed by: Mechanical/Plumbing Staff
References: Glendale Policy issued January 16, 2007

Issue: Use of Air Admittance Valves

Guideline: Air Admittance Valves (AAV) are solely permitted for use in existing buildings where structural conditions preclude the use or installation of a vent. The request to use an AAV shall be in writing by the applicant for the approval of the Building Official. In no case shall these valves be allowed in new construction.

Air admittance valves operate by allowing air to flow in to the vent system. This creates a “sucking” action that will also bring in dirt, dust, insulation and foul the device leaving it in an open position that will allow sewer gas to escape into the building. There is a limitation that comes with the installation of Air Admittance Valves. They are prohibited for use in supply or return plenums and in special waste systems. This is because even though they may be approved for use in other areas they are still subject to failure and therefore allow the escape of sewer gas into the building.