

AAV Model	Approval Date	Location Requirements	DFU Requirements	Limitations
Studor Maxi-Vent	Oct. 3, 2000	Inside or outside (package insulation recommended)	Max 500 dfu	
Studor Mini-Vent	Oct. 3, 2000 Effective Jan 1, 2001	Inside or outside (package insulation recommended)	Max 160 dfu	
Studor Redi-Vent	June 13, 2003	Heated area of building only.	Max 6 dfu	Max vent pipe diameter served is 2" Max. one water closet
Studor Tec-Vent	July 22, 2004	Inside or outside	Max 160 dfu	
Oatey Sure-Vent (old design)	Feb. 20, 2001	Inside confines or a building (attic OK)	Max 160 dfu	No clothes washers
Oatey Sure-Vent II (old design)	February 20, 2001	Inside heated area of building	Max 6 dfu	Max vent pipe served, 2" No water closets No clothes washers
Oatey Sure-Vent (new design) 6	Dec. 16, 2004	Inside heated area of building	Max 6 dfu	Max vent pipe served, 2" Max one water closet
Oatey Sure-Vent (new design) 20	Dec. 16, 2004	Install within building (attic OK)	Max 20 dfu	
Oatey Sure-Vent (new design) 160	Dec 16, 2004	Inside or outside building	Max 160 dfu	
Oatey Sure-Vent (new design) 500	Dec. 16, 2004	Inside or outside building	Max 500 dfu	
Rectorseal Magic-Vent	Aug 29, 2001 Rescinded Mar 1, 2002 Re-approved June 11, 2004	Install within a building (attic OK)	Max 160 dfu	
Ayrlett Air Vent	July 28, 2005	Install within a building (attic OK)	Max 6 dfu	Max one water closet

AAV Installation Stipulations

1. This product may only be installed in a vent system that has the required three-inch vent per s. Comm 82.31 (3)(b), extending to the outside atmosphere.
2. Located a minimum of 4" above the top of the horizontal pipe being served.
3. Located no more than 20" below the flood level rim of any fixture served by the AAV
4. Locations permitted (IF INSTALLATION IS PERMITTED OUTSIDE)
 - Under overhang of a building
 - Less than 10' from air intake
 - Less than 5' from a power exhaust fan
 - Less than 10' horizontally from and less than 2' above roof scuttles, doors, and operable windows
 - Less than 7' above a roof or the surrounding grade of an earth covered roof, however not less than 8'.
 - Less than 10' horizontally from a lot line
5. At least 6" above insulation materials
6. Installed in the vertical position (plus or minus 15 degrees from plumb)
7. Installed in a ventilated space, min. of 1 sq. inch opening
8. Install using Teflon tape on male threads
9. Install with max trap to vent distances as per s. Comm 82.31 (9) and Table 82.31-1
10. Test immediately prior to installation or after. 1" water column
11. Pump discharge-type clothes washer installation requirements:
 - 2" min. dia. standpipe, trap and fixtures drain
 - 3" min. dia. fixture drain downstream of the point of vent
12. Vent system served by AAV may have horizontal offsets located less than 36" above the floor which the fixtures are installed providing the vent does not connect to another vent.
13. AAV **may not be used:**
 - to vent a sump
 - as a relief vent
 - to vent POWTS tanks (septic, holding or pump)
 - to vent fixtures discharging to an interior grease interceptor
 - as a stack vent terminal serving a drain stack of two or more branch intervals
 - as a vent stack terminal serving a vent stack required in accordance with s. Comm 82.31 (4) (a) serving a vent stack of two or more branch intervals
 - to vent chemical waste systems.
14. An AAV **may not be located:**
 - in an enclosed stairwell
 - in an area subjected to positive pressure conditions for more than 12 continuous hours
 - in areas utilized as supply or return air plenums
 - in a pit, vault or depression which is below the adjacent grade or floor level.
15. The AAV must be installed in an accessible area
15. AAVs may serve as a termination point for a branch vent, individual vent, common vent, wet vent, circuit vent, combination drain and vent system vent.
16. Branches with fixtures served by the AAV must:
 - Be provided with a relief vent located between the stack and the most downstream fixtures, if the branch connects to a stack which has four or more branch intervals above the branch connection
 - Have no connection to any horizontal drain within 20 pipe diameters downstream of the base of a 2" or larger stack