Installation of Studor Air Admittance Valves

1. STUDOR AAVs must be located a minimum of four (4") inches above the horizontal branch drain or fixture drain being vented.
2. STUDOR AAVs shall be accessible should replacement be required. For in wall installation use STUDOR recess box/grill combination.
3. STUDOR AAVs location must allow for adequate air to enter the valve. When located in a wall space or attic space lacking ventilation openings, openings shall be provided. Locating the valve in a sink or vanity cabinet is acceptable.
4. STUDOR AAVs must be installed in the vertical, upright position. A maximum deviation (in either direction) from plum of 15 degrees is allowed.
5. The vent shall connect to the drain vertically to maintain an unobstructed opening in the piping to the STUDOR AAVs.
6. A minimum of one vent pipe shall extended to the open atmosphere for each building drainage system for relief of positive pressure, the size of this vent is not specified because this single vent does not determine the total amount of aggregate cross sectional area of the vent system. The total amount of the cross sectional area of vents combined on the system has to equal the aggregate cross sectional area of the building drain. When properly installed an air admittance valve in the system is equivalent to an open vent pipe having the same cross sectional area as any other vent. Such open air vent is recommended, not required, to be located as close as possible to the connection between the building drain and building sewer.
7. The MAXI-VENT must be installed six (6") inches above the highest flood level rim of the fixtures being vented in stack applications.
8. STUDOR AAVs installed in attic area must be located a minimum of six (6") inches above the ceiling insulation.
9. The use of TEC-VENT in return air plenums or CHEM-VENT in acid/chemical waste applications shall be allowed only in engineered drainage systems designed by a design professional and approved by the local authority
10. The maximum height of drainage stack being vented by a MAXI-VENT must not exceed six (6) branch intervals unless it is used in conjunction with a stack that is connected to a P.A.P.A. and AAVs on the branches.
11. When a horizontal branch connects to a stack more than four (4) branch intervals from the top of the stack. A relief vent shall be provided. The relief vent must be located between the connection of the branch to the stack and the first fixture connecting to the branch. The relief vent may also serve as a vent for the fixture. The relief vent must connect to the vent stack, stack vent or extend outdoors to the open air.
12. Only PTFE tape can be used on the valves' threads. Use of primer, solvent cement or pipe dope will void STUDOR warranty.
13. The REDI-VENT, MINI-VENT, MAXI-VENT, TEC-VENT and CHEM-VENT must be installed at finish, after the system rough-in and pressure test.