
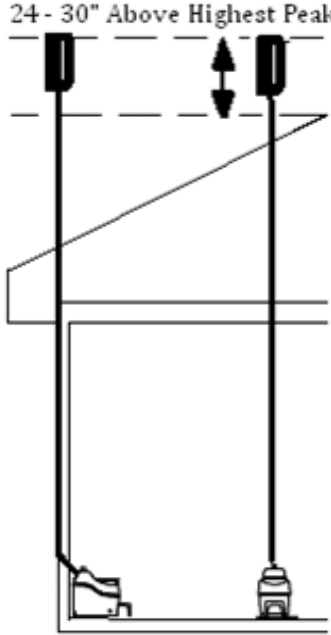
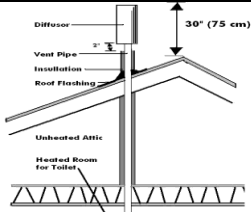


Vent Pipe Installation – Excel NE

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| <p>INLET COUPLING: Place the vent inlet coupling into the hole behind the toilet seat, so that the 1" of smaller diameter pipe is inserted into the hole on the top of the toilet. This is the first piece of the venting. Once you have finished assembling the vent, you should run a bead of silicone around where the inlet coupling meets the top of the toilet to prevent odour from escaping.</p> |  |
| <p>The Excel NE does not have a built in fan and operates with passive venting. Due to this, bends in the vent stack must be limited to no more than two 45 degree bends. All additional vent pipes should only be vertically installed. THERE CAN BE NO HORIZONTAL, FLAT OR DOWNWARD SECTIONS OF VENT.</p> <p>*An optional 12 volt fan may be necessary if there are competing appliances, or due to climactic conditions. This fan is available for purchase from Sun-Mar.</p> |  |
| <p>INSTALL VENT SO THAT IT TERMINATES 24" - 30" ABOVE THE HIGHEST PEAK OF THE ROOF. If there is more than 36" of vent, including diffuser, needed above the roof line to reach 24-30" above the highest peak of the roof, use guy wires to secure the vent above the roof.</p> | |
| <p>The vent must be installed separately from ALL other household vents. Venting cannot be merged with pre-existing venting. Doing so will prevent the toilet from operating odourlessly.</p> | |
| <p>All connections in the vent pipe should be sealed. Use silicone caulking to seal connections closest to the toilet, and ABS glue to seal any others.</p> | |
| <p>The vent stack should end 24" - 30" above the peak of the roof to allow for proper ventilation of odour, and to encourage updraft. Where the pipe is taken through the roof, a roof flashing will be required to seal the installation.</p> <p>If you are in an area where snow shear is a danger, you may wish to install a heavier pipe around the vent pipe where it exits from the roof. If you do install in this matter, ensure that you seal the area between the pipes with a waterproof substance to prevent leaks.</p> |  |

Diffusor Installation

The diffusor provided with the toilet is a simple device to be installed at the top of the vent stack with the larger pipe protruding above the smaller. To install, simply glue the diffusor vertically on the topmost section of vent pipe. The diffusor design encourages updraft, and discourages wind and weather from going down the vent stack. We do not recommend installing anything else on the top of the vent as it could impede the venting. Unlike wind turbines, diffusors are less likely to freeze in winter, and are more effective in calm weather.

