



The Ventenna Company LLC

Installing the Ventenna on pipes larger than 2 inches

Sometimes, in older houses, the vents sticking through the roof are larger than 2 inches. This is because the builder has collected some or all of the multiple vent pipes in the house into a single, larger, through-the-roof opening. The typical vent diameter in this case is 3 inches.

Although it is possible to get an adapter at one of the do-it-yourself stores which will adapt the 3" vent down to 2", allowing the Ventenna to fit (using a coupling ring), this is not recommended. Reducing the diameter of the vent could restrict the air flow, and could also be contrary to local building codes.

A better solution is to get a one foot length of the 1.5" black ABS pipe (also available at the do-it-yourself stores), and trim it so that it can be attached to the side of the 3" vent pipe.

Here's how to do this:

First, measure how far the 3" vent protrudes from the roof. This needs to be the portion which has a smooth side, because we are going to fasten our new support to it. If the vent is short, use the side that faces down the roof, as this will be the longest side.

Then cut the 12" ABS pipe in half for the same length (note – if the 3" pipe happens to be longer than 6", make the cut just 6"), making that portion of the pipe a half-pipe. (Looking at the cut end, it will be a "C" instead of an "O")

Next, cut the ABS pipe so the full-round portion is 6" long, measured from the end of the cut portion.

Finally, drill a couple of small (1/8" or so) holes in the "C" portion. Put one near the top, and another near the bottom – about 1/4" from each end of the "C" portion.

Then, take the new mount and, using two short dry-wall or deck screws, fasten it to the 3" vent on the roof. Use a level to get it vertical, so it looks nice. Install your Ventenna on the new mount, put in the stabilizing screws, and you're done!

One final comment – if this mounting method isn't your cup of tea, check out some of the other ideas on the "Mounting Options" page on the website at:
http://www.ventenna.com/Mounting_Options.html