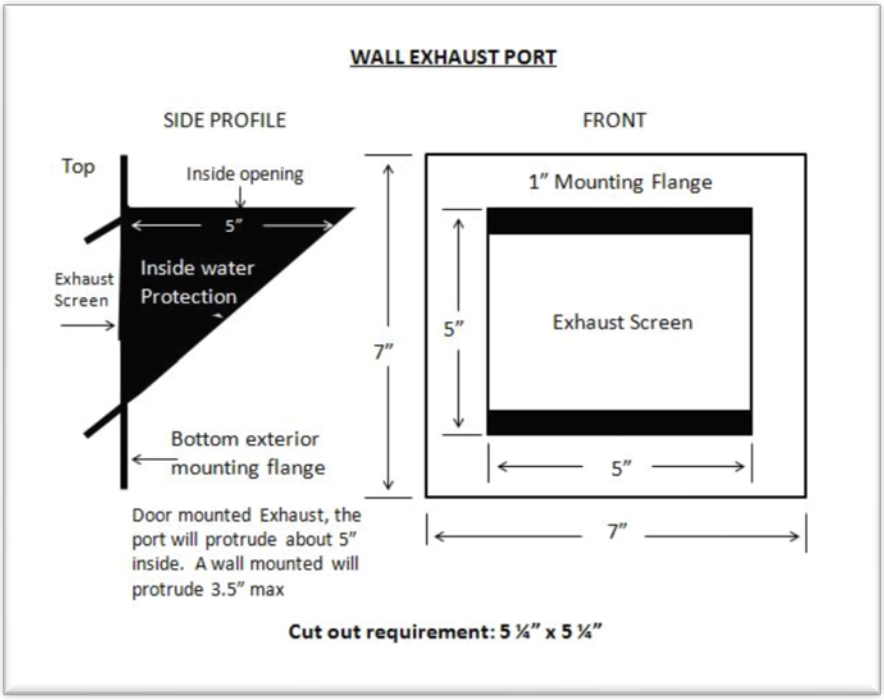
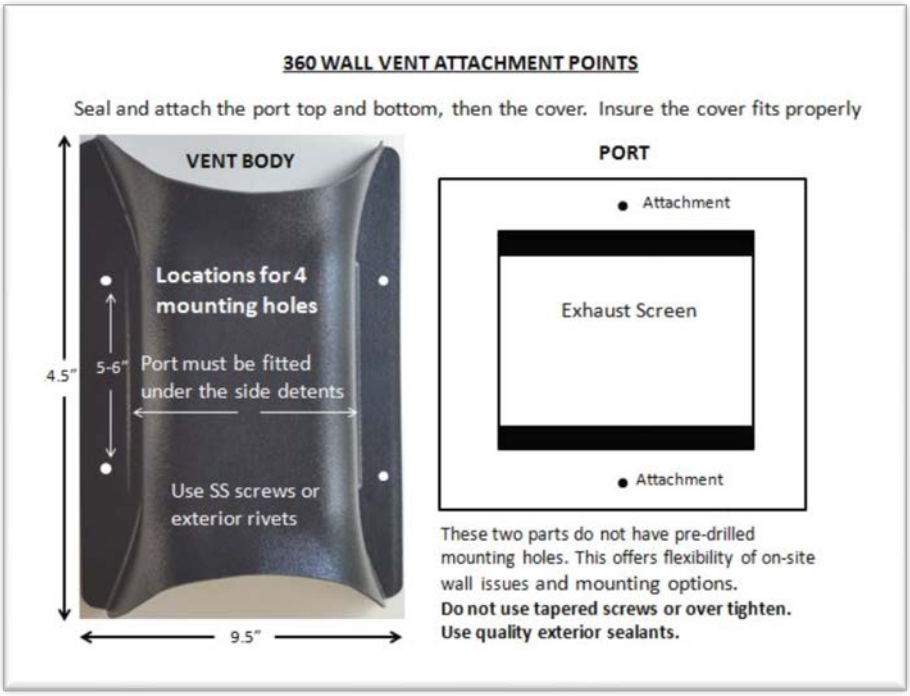
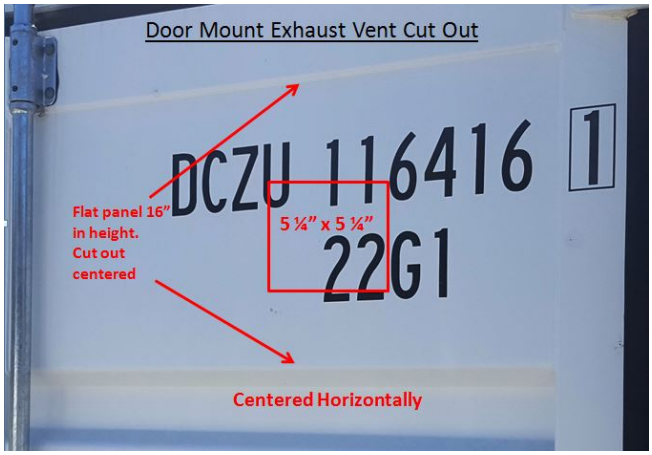
“360 Wall Vent” Installation



First priority is planning your vent location for maximized wind exposure. See “Vent location Design”. Consider physical obstructions on both the inside and outside of the vent, it protrudes about 4 1/2 inches on either side. Insure a flat mounting surface for the vent (10” x 15”), unless using an adapter plate for a side or back wall install. Attempt to keep as far as possible from wind obstructions. The vent cover to be mounted in the vertical position and the port must always be mounted so that the interior port opening is facing up. It is not a large flange area so care must be taken on the cut-out for the port, 51/4” x 51/4” . To prevent possible rust lines ensure all the metal filings are cleaned off, from both the cut out and the mounting holes



Use good exterior sealant on the mounting flange of the port. Attach with exterior fasteners, only in the center of the top and bottom flange. Fasteners on the sides will interfere with the placement of the vent cover. The vent body must fit properly on top of the port to fit into the side indents located on the vent body. Use sealant on the vent body flange, this will assist with the low pressure build up. Attach as per the drawing on the left, it will also secure the port sides under the cover flange. Do not over tighten the fasteners, flanges could split. **Sealant/ Fastener Recommendations:** Proper sealant is important for a water barrier for the port, not as crucial for the vent cover. Dycore, Sikaflex, 3M 5200 or equivalent. Use SS self taping screws or rivets. Do not use tapered screws, or over tighten.



Container door installation: mark for the port cut out 5 ¼” x 5 1/4” , centered on the upper panel, mount equal distant from the vertical latching bars, if there is a choice, the bars furthest apart. Use a good sealant.. The vent body is flexible so if lightly impacted it return to its original shape. The vent cannot be distorted or it will not function as designed. The mounting locations indicated do not have to be precise, that is why they are not predrilled. As long as the port is properly sealed and the vent body is positioned properly over the port unit, it will exhaust as designed.

Note: A container door mounted vent will prevent the doors from opening fully to the securing points on the container sides.