

Installation Of A Water To Air Exchanger Into Sheet Metal Plenum.

Tools Needed:

- Cordless drill driver
- Tin snips
- 20 ga. Sheetmetal pieces
- Metal duct tape
- Self tapping screws

1. Determine which side if the plenum the Exchanger can be installed into. This will be the width that is just slightly larger then the overall side to side measurement of the Exchanger. The diagram illustrates the unit being installed in the front of the plenum. Your installation may differ.
2. Cut a hole in the hot air plenum 2-3 inches above top of the furnace $\frac{1}{4}$ " taller and wider than the Exchanger unit. Check the fit by sliding the Exchanger slightly into the new opening.
3. Using a level, fabricate and install two sheet metal angles ($\frac{3}{4}$ " x $1\frac{1}{2}$ ") trimmed to the length of the plenum as shown. The short leg will extend into the plenum airspace. Self tapping screws can be driven from the outside to affix them. If the depth of the Exchanger is less than the depth of your plenum an additional angle will need to be installed along the back wall to fill the gap left when the Exchanger is slid into the opening flush with the front (not shown).
4. Slide the new Exchanger into place. If the Fronts of both the exchanger and plenum match; seal both together with metal duct tape.
5. If the Exchanger hangs out; fabricate an additional two sheet metal angle trim pieces extending to the edge of the Exchanger. Affix with self tapping screws into the plenum. Tape all exposed joints with metal duct tape.
6. Completed Installation ready for plumbing.

