INSTALLATION INSTRUCTIONS
DOWN FLOW Y-Tee KIT (Part # FCMHK)

Most mobile homes and homes with crawl spaces have a down flow style furnace. This means the furnace blows the air downward though the ductwork under the home. In order to correctly install your new outdoor furnace, this Down Flow Y-Tee Kit will help you make the ductwork connection.

The kit is designed to split the hot air from your outdoor furnace so it doesn't flow through your regular furnace and come out the cold air return.

The kit contains the following:

1- 8" X 25' hot air flex duct
1- 10" X 8" Y-Tee
2- 8" starter collars
2- 8" back draft dampers
4- 8" hose clamps

After you have decided the placement of your new outdoor furnace you can then determine the ductwork connection. Remember that hot air will take the path of least resistance. If you make your connection too close to your existing furnace the hot air could flow through the furnace and out the cold air return.

10" flex duct (not supplied in this kit) is not designed for exterior use and cannot be connected to the back of the outdoor furnace. You must use metal pipe till you reach underneath the home.

The 8" X 25' flex duct included with this kit can be cut to the required length needed. If more than 25' is required, make sure you use 250°F-rated flex duct. See diagram on reverse.

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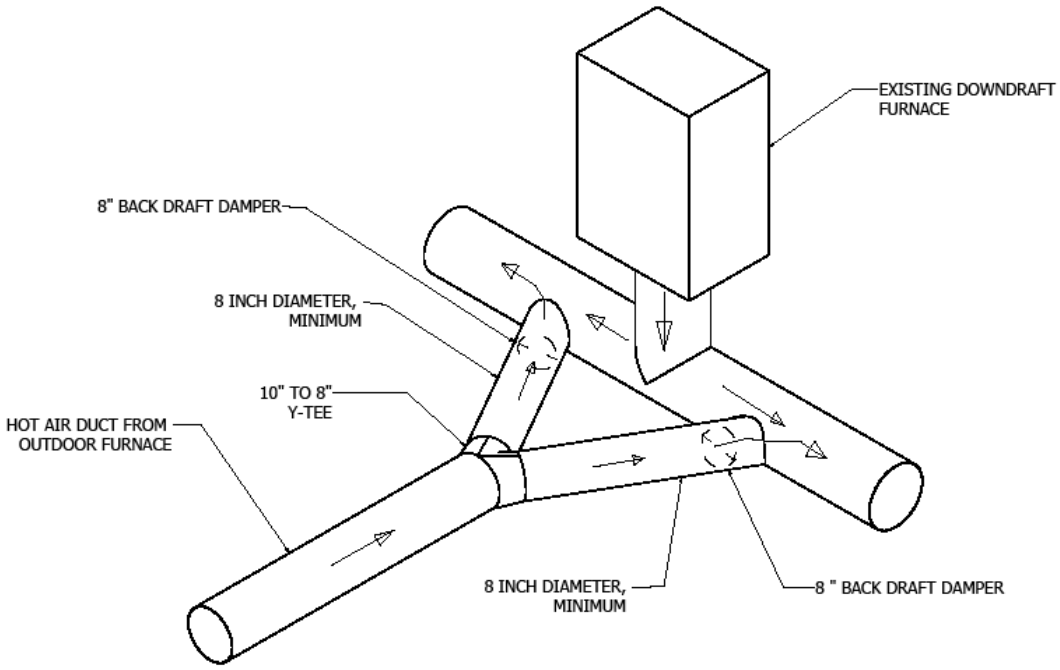

After you run the 10” hot air flex duct under the home you are ready to connect the 10”X8” Y-Tee. Make sure you bring the 10” flex duct as close to the ductwork as possible before splitting off.

You are now ready to install the two 8” starter collars in your ductwork. After the starter collars are in place install the two 8” backdraft dampers to the starter collars. The back draft dampers will not allow air to flow backwards through your outdoor furnace when your air conditioner is in operation.

Next you can connect the 8” flex duct to the Y-Tee and to the backdraft dampers. Simply cut the flex duct to the length needed. Slip the flex duct over the outside of the pipe and secure with the hose clamps provided. Make sure your flex duct is as straight as possible. Don’t allow the flex duct to sag. This will slow down your air flow.

Make sure all metal connections are secured with sheet metal screws and all joints are sealed with aluminum foil tape. (Caution: Do not use duct tape; it will not last and your ductwork will leak air.) Make sure all bare metal joints are insulated and sealed.