

Do-It-Yourself Duct Design Checklist

For 20 years Do-It-Yourself Heating has provided affordable, user friendly duct design. Please provide the information listed below. Providing us with more complete information will allow us to offer products and services that will better fit your needs.

- Supply a simple floor plan for each floor of the house.
- On each floor plan, mark the desired location of each register.
 - *Supply registers are typically located toward the outside walls of the house, under or over windows.*
 - *The return air register(s) are located towards the middle of house, in order to pull the hot air across the room and back to the furnace.*
- On each floor plan, write the square footage for each room. Write the square footage in the middle of the room.
 - To calculate the square footage of a room multiply length x width.
(Example: A 12'x10' room = 120 square feet)
- Indicate the location and position of the furnace on your floor plan.
- Note where the duct system will be located. *(Attic, crawlspace, basement)*
- Specify desired duct type: Rigid rectangular, rigid round, insulated flex duct
- On each floor plan, make a note of the size and direction of the joists.
- Completely fill out the, "Equipment Sizing Worksheet"
Available in our store or on the web at **www.doityourselfheating.net**

If you already have the Heating/Cooling equipment:

- Provide the complete model number and serial number from each piece of equipment that the designed duct system will connect to. *(Furnace model numbers are typically located inside the burner compartment of the furnace. Air conditioning and heat pump outdoor units typically have the size information on a tag on the outside of the unit. Electric air handlers (electric furnace) typically have the model and serial number on the front of the air handler. The installation manual for your equipment will not give us all the information we need. This step is only if you have existing equipment that you intend to use.)*
- Provide the physical dimensions of the existing furnace you intend to use: *(Height, width, depth, etc.)*
- For electric furnaces, air conditioners and heat pumps, please provide the electrical breaker sizes that supply the equipment from the main electrical service panel.