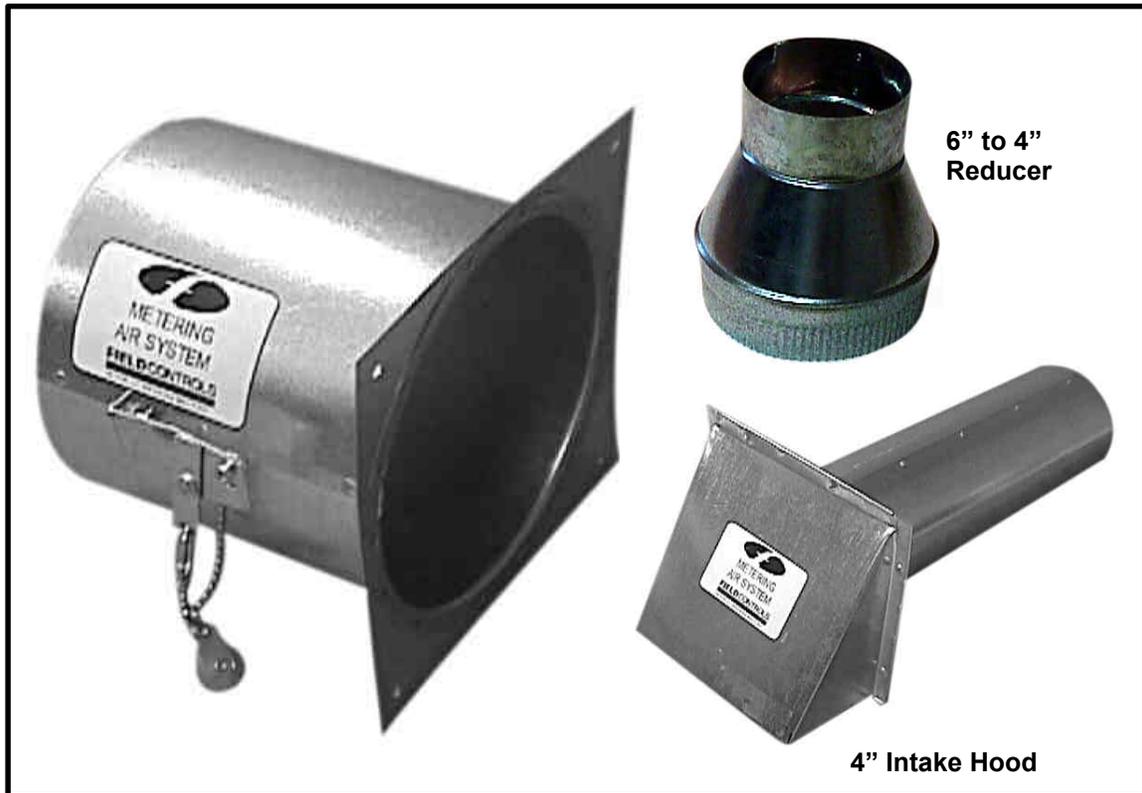


METERING AIR SYSTEM

Model: MAS-2



The Field Metering Air System solves the "sick house syndrome" caused by too tight home construction. This unique system provides fresh air automatically, using no electricity or special controls. And it actually meters the air flow to keep the home balanced. No negative pressure. No rushes of cold air in winter, hot air in summer. The result is evenly distributed, tempered air that keeps the home "fresh", the furnace efficient and the occupants comfortable.

ITEMS INCLUDED:

*Metering Air Damper
Mounting Template
4" Intake Hood
6" to 4" Reducer*



FIELDCONTROLS
THE VENTING SOLUTIONS COMPANY

2630 Airport Road • Kinston, NC 28504
Phone: 252-522-3031 • FAX: 252-522-0214
www.fieldcontrols.com

INSTALLATION

METERING AIR DAMPER

1. Apply mounting template onto the side of the return air plenum of the furnace. By wetting the back side and applying to any vertical surface of the return air plenum.

Caution: Unit must be mounted on a vertical surface. Level the template horizontally by marking a line onto the plenum using a level. Then applying the edge of the template on this line. (See Figure 1)

2. After allowing template to dry, drill (4) 1/8 inch diameter holes at the location indicated on the template. Also, drill 4 or 5 holes along the cutting line of the 6 1/8 inch diameter hole indicated on the template to allow for a starting hole for cutting. Then cut hole with metal shears.
3. Mount the metering air damper using supplied sheet metal screw. (See Figure 2)

INTAKE HOOD

1. Locate intake hood at least 10 feet away from any device that exhaust flue gases.
2. Install the intake hood at least 12 inches above grade.
3. Cut a 4 1/8 inch diameter hole through the wall. Then mount the intake hood to the wall using suitable fastener. Then seal along with silicone or equivalent sealant.
4. Connect flex duct or standard duct piping from the intake hood to the metering air damper. Fasten and support piping, so no straining of the metering air damper exist. (See Figure 3)

Note: Some areas require insulation wrapped around the duct. This will be required if sweating occurs on the outside of the duct. Seal all duct joints and seams with duct tape or equivalent.

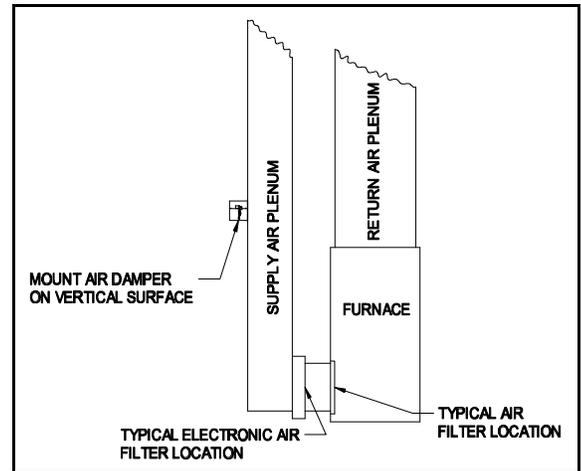


Figure 1

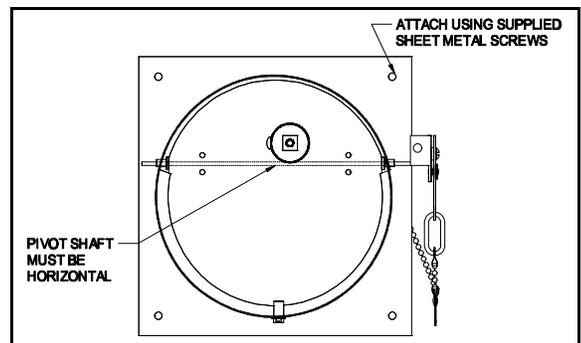


Figure 2

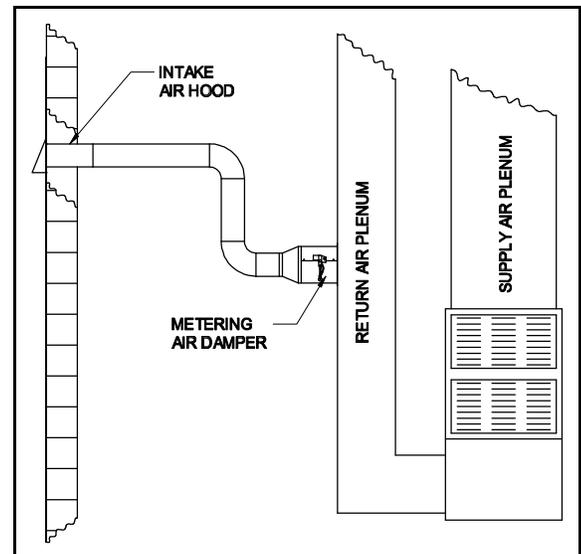


Figure 3