

The following instructions relate to the installation of the combustion air inlets on the BI-36ES ONLY. All other fireplace installation instructions are covered in the preceding pages.

COMBUSTION AIR INLETS

There are the two 6" round inlets, one on each side of the fireplace. Combustion air inlet must be below this point. Weighted dampers are installed in these inlets automatically closing them when the knob is returned to "close" position. One knob in the front bottom controls the opening of these dampers. Four 6" diameter elbows and two 6" diameter telescoping ducts are supplied to duct outside air to the fireplace. The first elbow (attached to each side of the fireplace with a screw) MUST POINT DOWN. The openings for combustion air can be along side of the fireplace or at the rear, if the fireplace is on an outside wall. DO NOT TAKE AIR FROM ATTIC SPACE, ABOVE THE ROOF, OR ANY OTHER ROOM, ESPECIALLY GARAGE. Do not take air from area where another fuel burning appliance is installed. If using the elbow directly on the fireplace, places the cutout over any obstruction, such as duct, joist frame, etc. it may be extended away from the fireplace by adding any length of 6" galvanized pipe between the elbow and fireplace. If the telescoping duct is not long enough to extend to the outside, (it expands from 15" to 34" with elbow) it can also be extended with any 6" diameter galvanized pipe to any length needed.

NOTE

If the combustion ducts are extended out from the sides of the fireplace, the framing area must also be extended to cover them.

SEE EXAMPLES IN FIGS. #17, #18, #19, #20.

- 1) Locate the outlets and cut the $6\frac{1}{4}$ " diameter holes for the combustion air duct. Be sure to extend $6\frac{1}{4}$ " openings all the way through to outside air source. They must be through any insulation, vapor barrier, or sheet metal to the outside of the home.
- 2) Secure combustion air elbows with screws to fireplace. They must POINT DOWN! Connect duct to elbows. Push duct (with screen grill) through wall or floor from outside and secure to duct attached to elbows. Attach intake grills and outside vent cover to wall or flooring with screws.