

## INSTRUCTIONS FOR INSTALLING DRAFT CONTROL COLLARS

**Collar Installation** — This control, unless 28" diameter or larger, is normally shipped with a collar patterned to fit a round breeching. Follow appropriate instructions below:

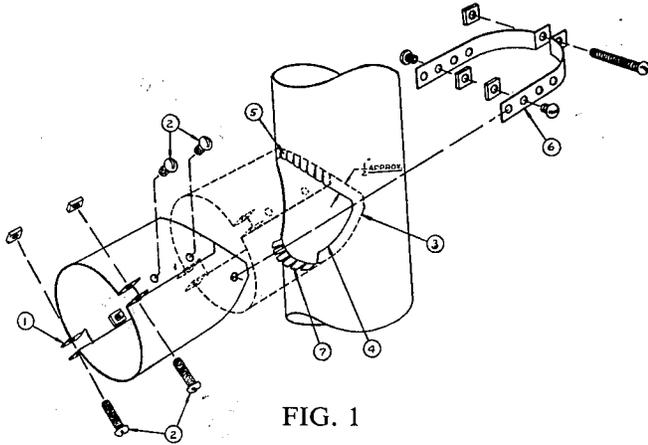


FIG. 1

### I. Patterned collar to round breeching (see Fig. 1)

1. Bend outward the two ears at the front corners of each collar half. Bend 90°, ¼ inch behind the single hole on the strap.
2. Insert clamping screws in ears on collar and bolt the remainder of the collar halves together to form a complete collar.
3. Hold the collar against the side of the flue in the exact position it is to be installed (shown by dotted lines) and mark the outline of the collar on the flue.
4. Cut a hole in the flue about ½" inside of this outline.
5. Make a series of cuts about ½" apart from the edge of this hole to the outline marks.
6. Strap the collar to the flue pipe.
7. Bend the tabs formed by the series of cuts outward against the inside of the collar to make a tight joint.
8. Insert the draft control (See Installation & Adjustment)

### II. Patterned collar to heavy gauge flue

1. If flue pipe is made of material too heavy to bend out into collar, make the diameter of the opening within ½" of the inside diameter of the collar.

### III. Patterned collar or square end collars to rectangular breeching (see Fig. 2)

1. If patterned, cut off the patterned section of each collar half so that you have two square end collar halves.
2. Bend outward the two ears at the front corners of each collar half.
3. Cut a series of slits ½" apart and ½" to ¾" deep in the back edge of each collar half.

4. Insert the clamping screws and bolt the collar halves together to form a complete collar.
5. Bend alternate ears out 90°.
6. Cut a hole in the breeching slightly larger than the outside diameter of the collar.
7. Insert the unbent ears of the collar into this hole and bend these ears against the inside of the breeching. This seals the opening and locks the collar in place.
8. Insert the draft control (See Installation & Adjustment)

### IV. Alternate methods of attaching to rectangular breeching.

1. **Weld the collar to the breeching.**
  - a. Tack-weld the assembled collar to the breeching in a couple of places.
  - b. Insert the draft control into the collar and clamp it in place. Support control from above if necessary to prevent sagging.
  - c. Finish the complete weld around the base of the collar.
  - d. Remove the control and cut a hole in the breeching either by using high heat on the arc welder, flame cutting, etc. If care is taken, the hole may be cut before the collar is attached.
2. **Mounting rings**
  - a. Weld a narrow band of steel, in the form of a ring, to the breeching or weld or bolt an angle ring to breeching.
  - b. Cut a hole in the breeching inside of this ring.
  - c. Bolt the draft control collar to the inside or outside of this band or flange.
- V. **Square end Collar to a round breeching**
  1. If breeching is round or oval, a short collar cut to fit the curvature of the breeching must be made by some local shop or contractor. After fastening this collar to the breeching, attach the collar furnished with the draft control to it.

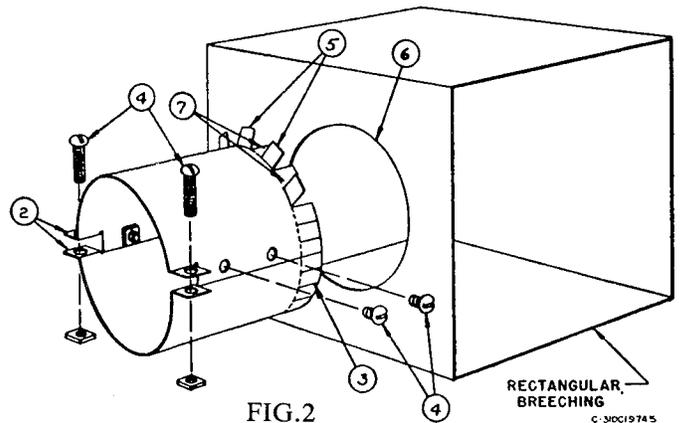


FIG. 2



**FIELD CONTROLS**  
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