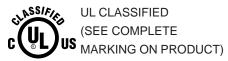


MODEL: MFRA FRAMED RETAINING ANGLES FOR UNDERWRITERS LABORATORIES FIRE DAMPER INSTALLATIONS





STANDARD CONSTRUCTION:

16 Ga. 1-1/2" x 1-1/2" formed

galvanized steel with staked corners.

Sizes: Minimum 6-1/4" x 6-1/4" Maximum 48" x 48"

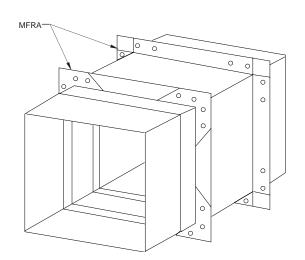
NOTE: When the damper or the damper assemblies exceed either 48" in width or height, the retaining angles shall not be less than 1-1/2" x 1-1/2" and shall be attached to the sleeve using 1/4-20 x 3/4" roundhead stove bolts at 8" on center. 1" long welds or #14 x 3/4" sheet metal screws at the same spacing.

APPLICATION:

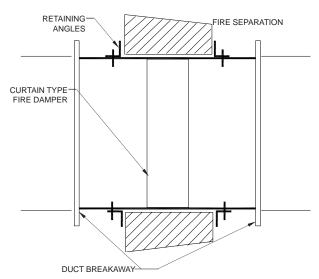
The model MFRA retaining angles can be installed on Metal-Fab curtain fire dampers. MFRA retaining angles are shipped in sets of two.

INSTALLATION:

- 1. Install damper within fire separation as detailed in the appropriate damper installation instruction sheet.
- Place the angle around the damper sleeve on both sidesof the fire separation as shown below. See SECTION 3 on fire damper installation instructions for alternate mounting instructions.
- 3. The retaining angles must be attached to the sleeve with #10 sheet metal screws, tack or spot welds, 1/4" bolts and nuts, or 3/16" steel pop rivets. The fasteners must be spaced 6" on centers and be a maximum of 2" from the corners. A minimum of two fasteners is required on each top, bottom or side of the damper sleeve.



MODEL MFRA



Vertical Installation Shown Horizontal Is Similar.

Project: Contractor: Location: Address:

Architect: P.O. Number: Engineer: Date: