

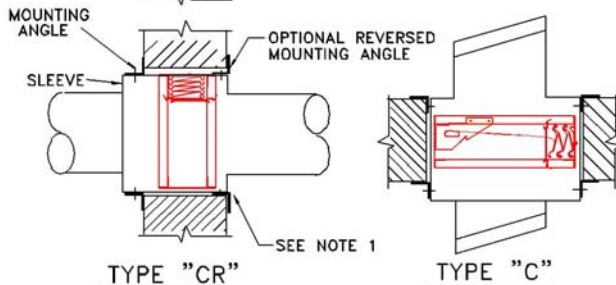
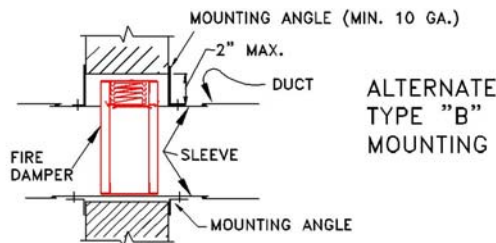
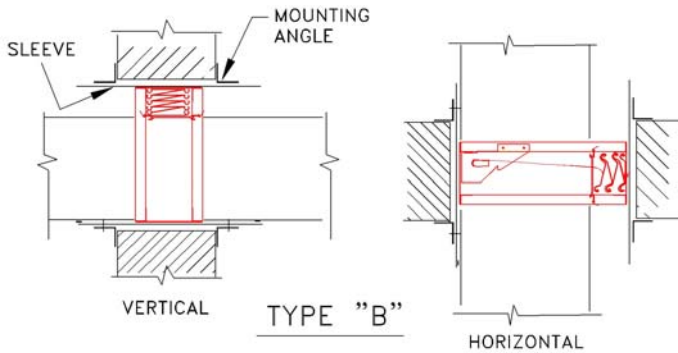


DAMPER INSTALLATION INSTRUCTIONS

Installation and Maintenance Instructions 1-1/2 Hours Rated, UL Classified model 75 fire dampers For use in fire barriers with ratings of less than 3 hours

DAMPER BEHIND A GRILLE

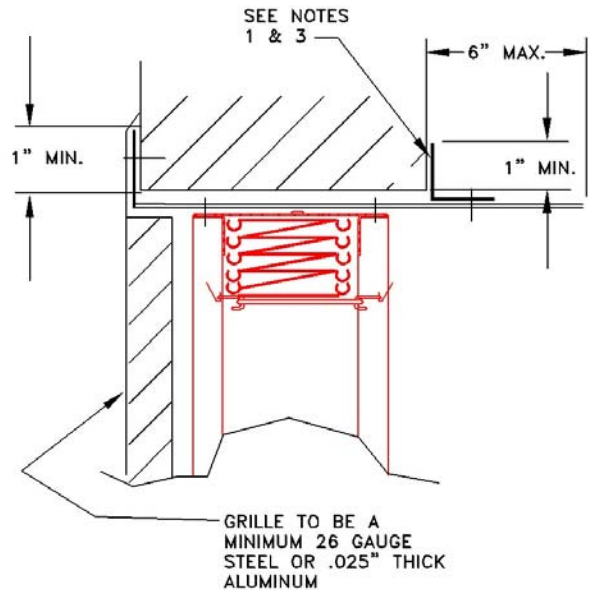
1. Perimeter mounting angles to be a minimum of 1-1/2 x 1-1/2 x 16GA on dampers 36 x 50 and smaller. For dampers greater than 36 x 50, angles to be a minimum of 1-1/2 x 1-1/2 x 14GA.
2. Grille to flange fasteners cannot penetrate fire wall (see note 4).
3. Secure angles to sleeve only, so as to frame the wall opening. Fasten to the sleeve only using the same means as required for fastening the damper to the sleeve.
4. Grille to flange attachment by means of 1/4" dia. Pop rivets, #8 sheet metal screws or #8 bolts and nuts. Fasteners to be plated steel or stainless steel, minimum two fasteners per side.



TYPE "CR"

The factory supplied 22 GA. Collar to 18 GA cap connection on type "C, CR" dampers is a breakaway connection under the following conditions:

1. Round unit duct diameters are no larger than 52"
2. Oval duct sizes are no larger than 58" W x 29"H.
3. Duct gauges shall conform to the SMACNA or ASHRAE duct standard.
4. Duct diameters of 22 inches(559mm) and smaller shall have 3 No. 10 (4.8mm) diameter sheet metal screws evenly spaced around the circumference of the duct.
5. Duct diameters greater than 22 inches and up shall have 5 sheet metal screws evenly spaced around the circumference of the duct.
6. Dampers outside of these restrictions (ie) multiple damper and special size and application dampers must use a 4" wide drawband connection as shown in the SMACNA Fire, Smoke, and Radiation Damper Installation Guide.



INSTALLATION INSTRUCTIONS
IN CONFORMANCE TO
UNDERWRITERS LABORATORIES
REQUIREMENTS

