



## Ceiling Dampers

COMPLETE RANGE OF 1-4 HOUR RATED FIRE/HEAT  
INSULATION DEVICES AND ACCESSORIES FOR  
PENETRATIONS IN FIRE-RATED CEILING ASSEMBLIES

MODEL NO.	RATING	SIZE RANGE	APPLICATIONS: FOR CEILING PENETRATIONS AS A RESULT OF . . .
C/FS	3-4 Hrs.	4" x 4" to 24" x 24"	Square or rectangular steel ducts and/or steel steel grilles or diffusers of the surface mount type. Fabric blade damper.
C/FSB	3-4 Hrs.	4" x 4" to 24" x 22"	Same as above. Damper with B type transition.
C/FSX	3-4 Hrs.	4" x 4" to 24" x 24"	Square or rectangular openings for non-ducted, plenum return air systems. Fabric blade damper.
C/FS-2F	3-4 Hrs.	4" x 4" to 24" x 24"	Same as C/FS damper except has a lower height profile
C-RD	3-4 Hrs.	5" - 18" Diameters	Round neck diffusers with either flex or steel duct connections. Butterfly blade type damper.
C-RD-A	3-4 Hrs.	5" - 18" Diameters	Same as above with adjustable volume controller on damper.
C-RD-T	3-4 Hrs.	5" - 18" Diameters & 22" x 22" max. transition	Square neck diffusers with either flex or steel duct connections. Damper complete with steel transition plate for square or rectangular neck diffusers.
C-RD-A/T	3-4 Hrs.	5" - 18" Diameters 22" x 22" max. transition	Same as above with adjustable volume controller on damper.
C-S/R	3-4 Hrs.	4" x 6" to 22" x 22"	Square or rectangular steel ducts and/or steel grilles or diffusers. Butterfly blade type damper.
C-S/R-HC	1 Hr.	4" x 6" to 16" x 12"	Square or rectangular steel ducts when installed in <u>specific</u> UL wood and gypsum ceiling designs.
C/D-P	3-4 Hrs.	12" x 12" to 24" x 24"	Square or rectangular openings and/or ducts. Hinge door type damper.
C/FSR-1	4 Hrs.	4" - 22" Diameters 6" x 6" to 24" x 24"	Square neck diffusers and round ducts. 100% free area Damper. Fabric blade type damper.
CK-2000-1	4 Hrs.	Max. 24x24 Diffuser	Thermal Blanket (non-asbestos) for protection of the unexposed side of lay-in type steel air diffusers. Die cut single pieces, 1/8" thick.
CK-2000-1B	4 Hrs.	Max. 24x24 Diffuser	Thermal Blanket (non-asbestos) for protection of the unexposed side of lay-in type steel air diffusers. Die cut single pieces, 1-1/4" Thick.

### Manufacturer's Recommendations

All moving parts of the damper must be inspected and cycled once the first year and at intervals not greater than every 4 years or in accordance with the latest edition of NFPA 90A, 92A, local codes and the manufacturer. In addition, fuse links shall be removed and inspected for corrosion. Dry lubricants are recommended.