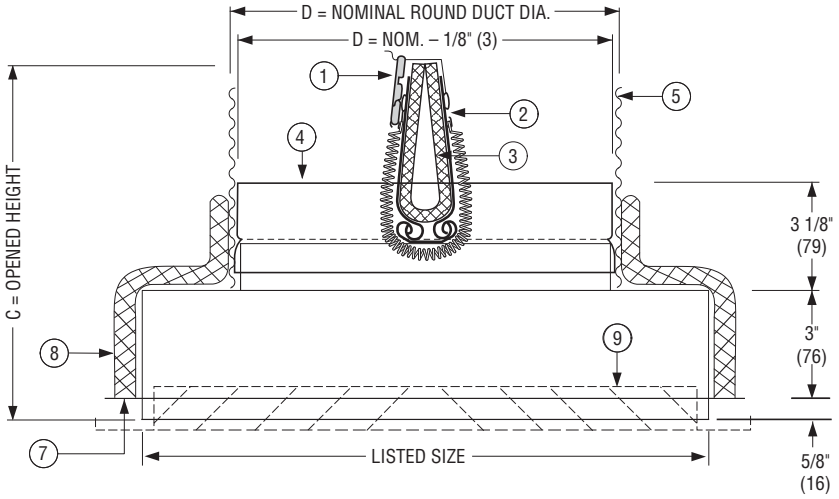
CEILING RADIATION DAMPER

FOR WOOD TRUSS CEILING ASSEMBLIES
TOP INLET • GRILLE MOUNT

MODELS: 0755 AND 0755A



MODEL SELECTION:

- ❑ **0755** Basic Unit
- ❑ **0755A** With Adjustable Volume Control

QUALIFICATIONS:

- **UL 263 CLASSIFIED CEILING RADIATION DAMPER. Category CABS. (File # R9660) 1 hour rated for use in UL floor/ceiling design numbers L550/L562/L574/L579 and roof/ceiling design numbers P531/P538/P545. (Equal to designs L546/L521 and P522 respectively).**
- **Meets NFPA 90A requirements**

DESCRIPTION:

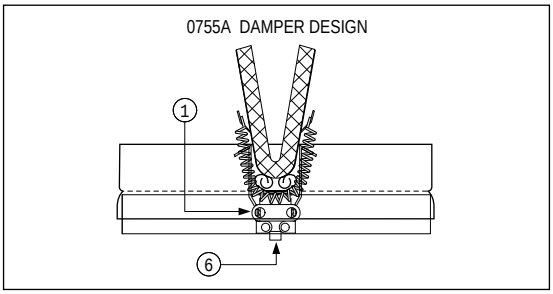
Ceiling dampers are designed to function as a heat barrier in air duct openings penetrating fire resistive membrane ceilings.

The Model 0755(A) has been especially designed and tested to provide protection and simple installation in specific UL design wood truss ceiling assemblies.

Sufficient ceiling plenum depth is required to ensure clearance for a turning radius and attachment of flexible duct without damper interference.

CONSTRUCTION:

1. UL listed fusible link, 212°F (100°C) standard
2. Blades: galvanized steel
3. Ceramic fiber insulation
4. Roll-formed frame: galvanized steel
5. Flexible air duct (UL Classified Class 0 or 1) (by others)
6. Optional adjustable volume control
7. Plaster flange
8. Ceramic fiber thermal blanket
9. Steel grille/diffuser (optional or by others)



Nominal Duct Size	Opening Height C
4" (102)	6 1/2" (165)
5" (127)	7" (178)
6" (152)	7 1/2" (191)
7" (178)	8" (203)
8" (203)	8 1/2" (216)

Minimum Size: 6" x 6" (152 x 152).
Maximum Size: 12" x 12" (305 x 305).
Available Duct Connection Size: 4" through 8" (102 - 203) dia.
Building code and UL Classification require damper installation in accordance with manufacturer's instructions. See IOM-CRD0755INST.

OPTIONS:

1. Non-standard temp. UL listed fusible link
   - ❑ **165°F (74°C)**
2. Installation Support Angles**.** 26" (660) long.
   - ❑ ISA 2 @ 3/4" x 3/4" x 16 ga. (19 x 19 x 1.6) or
   - ❑ ISB 2 @ 1 1/2" x 1 1/2" x 22 ga. (38 x 38 x 0.85).

SCHEDULE TYPE:	Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**12 - 12 - 11**	**0700**	**6 - 12 - 09**	**0755**

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