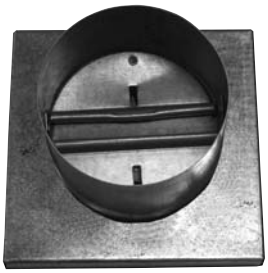
CHOOSE CARNES

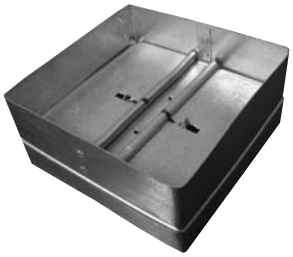
CEILING RADIATION DAMPERS FOR ALL OF YOUR UL CEILING DAMPER NEEDS

UL 555C Listing -
1 to 4 hours

ULC S112.2 Listing -
1 to 4 hours

Carnes Ceiling Radiation Dampers meet all the NFPA 90A, IBC Code, and all other major code requirements for ceiling radiation dampers.





Ceiling Radiation Dampers
(ED Series)
- Butterfly Type Blade
(EDAA, EDBA, EDCA, EDDA)
- Fabric Type Blade
(EDFA, EDGA, EDHA, EDJA)
- Slimline
(EDKA, EDLA)
- Hinged Door Type Blade
(EDMA)
- Round to Round
- Square/Rectangle to Round
- Square/Rectangle to Round with Transition(s)
- Rectangle to Rectangle

c UL LISTED

CLASSIFIED UL

LISTING STATE OF CONNECTICUT DEPARTMENT OF PUBLIC SAFETY SERVICE

When Fire Safety Matters, You Can Count On Carnes.

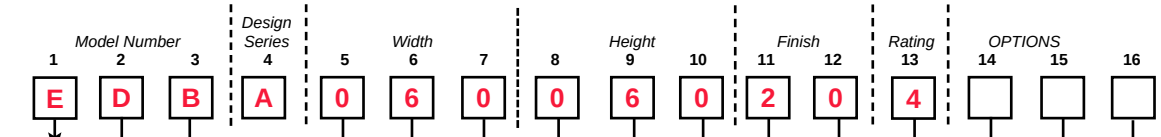
Carnes Ceiling Radiation Damper Selection Guide

Carnes Model	Description of Damper
EDAA	Ceiling damper round to round, butterfly type blade
EDBA	Ceiling damper rectangle to round, butterfly type blade
EDCA	Ceiling damper rectangle to rectangle, butterfly type blade
EDDA	Ceiling damper rectangle to round, butterfly type blade, for specific wood/gypsum ceilings
EDEA	Ceiling damper rectangle to rectangle, fabric type blade, low profile
EDFA	Ceiling damper rectangle to rectangle, fabric type blade, low profile w/B transition
EDGA	Ceiling damper rectangle to rectangle, fabric type blade, low profile w/thermal blanket skirt
EDHA	Ceiling damper square/rectangle to round, one round transition, fabric type blade
EDJA	Ceiling damper square/rectangle to round, two round transitions, fabric type blade
EDKA	Slimline ceiling damper, rectangle/square, fabric type blade, low profile
EDLA	Slimline ceiling damper, rectangle/square, fabric type blade, low profile w/thermal blanket skirt
EDMA	Ceiling damper, square/rectangle to rectangle, hinged door type blade

Ceiling dampers are intended to function as heat barriers. The dampers are used to limit the passage of heat in fire resistive floor-ceiling or roof-ceiling assemblies.[1]

1. Information provided per UL Marking and Application Guide: Dampers for Fire Barrier and Smoke Applications & Ceiling Dampers, April 2003.

Ceiling Radiation Damper Model Breakdown



E - Fire Damper

D - Ceiling Radiation Damper

A - Ceiling Damper, Round to Round Butterfly Type Blade
B - Ceiling Damper, Rectangle to Round Butterfly Type Blade
C - Ceiling Damper, Rectangle to Rectangle Butterfly Type Blade
D - Ceiling Damper, Rectangle, Butterfly Type Blade for Specific Wood/Gypsum Ceilings
E - Ceiling Damper, Rectangle to Rectangle Fabric Type Blade, Low Profile
F - Ceiling Damper, Rectangle, Fabric Type Blade Low Profile w/B Transition
G - Ceiling Damper, Rectangle, Fabric Type Blade Low Profile w/Thermal Blanket Skirt
H - Ceiling Damper, Square/Rectangle to Round One Round Transition, Fabric Type Blade
J - Ceiling Damper, Square/Rectangle to Round Two Round Transitions, Fabric Type Blade
K - Slimline Ceiling Damper, Rectangle, Fabric Type Blade Low Profile
L - Slimline Ceiling Damper, Rectangle, Fabric Type Blade Low Profile, w/Thermal Blanket Skirt
M - Ceiling Damper, Square/Rectangle to Rectangle Hinged Door Type Blade

06 - 6”

06 - 6”

Fractional Size
0 - 0”
1 - 1/8”
2 - 1/4”
3 - 3/8”
4 - 1/2”
5 - 5/8”
6 - 3/4”
7 - 7/8”

Fractional Size
0 - 0”
1 - 1/8”
2 - 1/4”
3 - 3/8”
4 - 1/2”
5 - 5/8”
6 - 3/4”
7 - 7/8”

20 - Mill Finish

Rating
1 - 1 Hour
4 - 4 Hour

Insulation
X - 1/8” Thick Thermal Blanket
Y - 1-1/4” Thick Batt Mineral Wool Blanket
Z - 1/2” Thick Thermal Skirt

Options
A - Mounting Angles
B - Volume Adjustment
C - Extended Frame
D - Mtg. Angles & Volume Adjustment
E - Mtg. Angles & Extended Frame
F - Volume Adjustment & Extended Frame
G - Mtg. Angles, Extended Frame & Volume Adjustment

Optional Round Inlet (Model EDDA Only)
J - 4” Round
K - 5” Round
L - 6” Round
M - 6” Oval
N - 8” Oval
P - 10” Oval