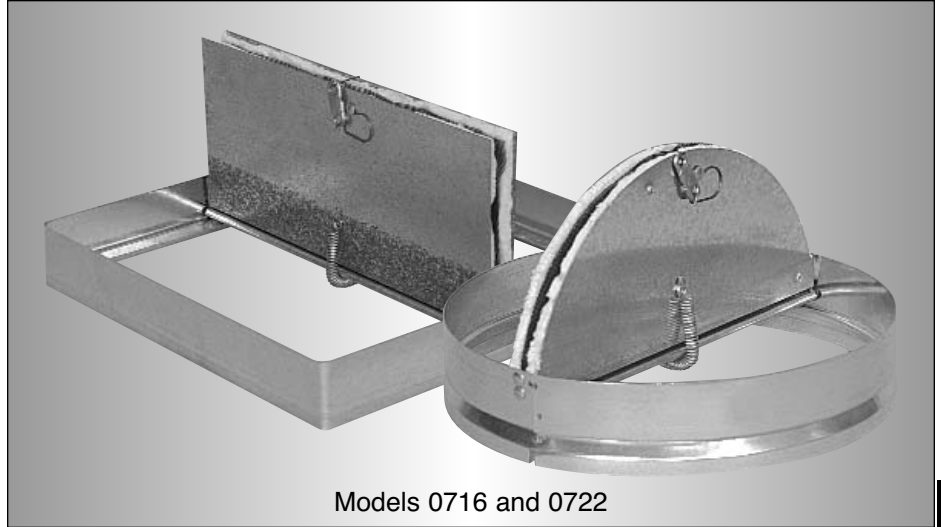


CEILING DAMPERS • ROUND/SQUARE/RECTANGULAR

- UL 555C CLASSIFIED
- FOR SQUARE, RECTANGULAR OR ROUND DUCT

MODELS: 0716
0716-4
0714
0722



Models 0716 and 0722

Nailor ceiling dampers, or ceiling radiation dampers as they are commonly called, are designed to function as a fire and heat barrier in air duct openings penetrating fire resistive membrane ceilings. Models 0716, 0716-4 and 0714 are for use in square or rectangular applications and Model 0722 is for use in round applications, in lieu of hinged door type dampers in any UL floor/ceiling or roof/ceiling assembly with up to a 3 hour fire resistance rating where air ducts are allowed.

QUALIFICATIONS:

- UL 555C Classified Ceiling Damper (File #9660).
- California State Fire Marshal: Ceiling Damper Listing No. 3226-0935:102.
- City of New York Board of Standards and Appeals. Cal. No. 460-88-SA.
- Meets NFPA 90A, BOCA, SBCCI, IBC and UBC requirements.
- CAN4/ULC-S112-2 Ceiling Fire Stop Flap Assemblies.
- Meets NBC of Canada requirements.

MODEL: 0716 (SQUARE OR RECTANGULAR)

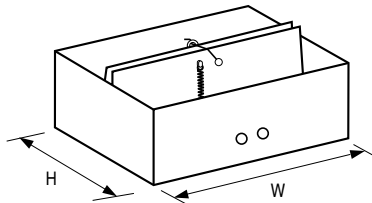
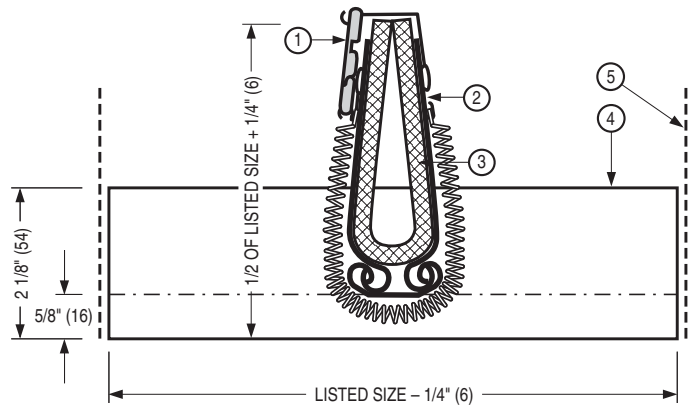
UL MAXIMUM SIZE: 24" x 24" (610 x 610)
UL MINIMUM SIZE: 6" x 3" (150 x 75)

CONSTRUCTION:

1. U.L. Listed fusible link, 212°F (100°C), standard.
2. Blades: galvanized steel.
3. Insulation; Non-asbestos UL Classified on units over 80 sq. in. (516 sq. cm) finished size, standard. Not required on smaller units.
4. Roll-formed frame: galvanized steel.
5. Duct drop (by others).

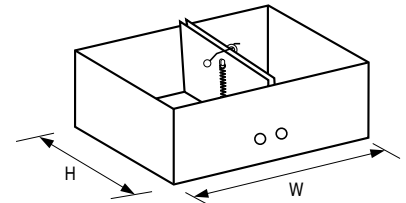
OPTIONS:

1. 165°F (74°C) U.L. Listed fusible link.



SKETCH 1
(H = 6" (152) or more)

Units manufactured with blade length on dimension (W) except where short dimension (H) is less than 6" (152).
(See Sketch 1 above)



SKETCH 2
(H = less than 6" (152))

If short dimension (H) is less than 6" (152), units are manufactured with blade length on short dimension.
(See Sketch 2 above)

H

CEILING DAMPERS

MODEL: 0716-4 LOW PROFILE (SQUARE OR RECTANGULAR)

MODEL 0716-4 provides a low profile, dual set of blades design, ideal for installation in tight places.

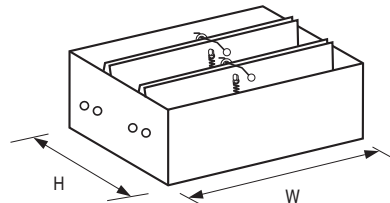
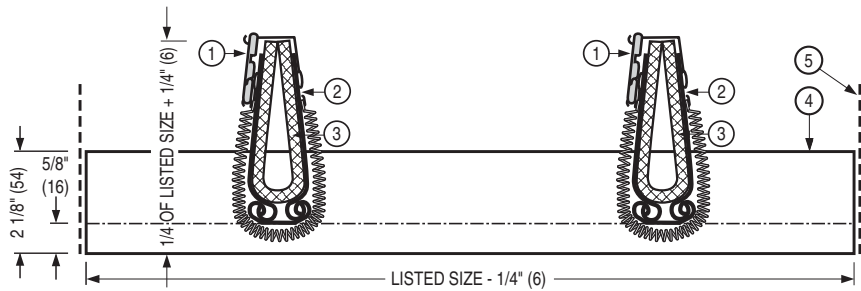
UL MAXIMUM SIZE: 24" x 24" (610 x 610)
 UL MINIMUM SIZE: 12" x 6" (300 x 150)

CONSTRUCTION:

1. U.L. Listed fusible link, 212°F (100°C), standard.
2. Blades: galvanized steel.
3. Non-asbestos UL Classified insulation on units over 80 sq. in. (516 sq. cm) finished size, standard. Not required on smaller units.
4. Roll-formed frame: galvanized steel.
5. Duct drop (by others).

OPTIONS:

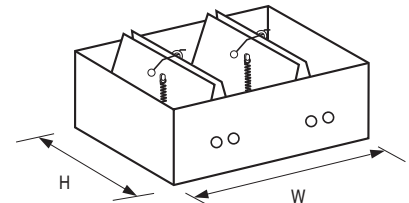
1. 165°F (74°C) U.L. Listed fusible link.



SKETCH 1

(H = 12" (305) or more)

Units manufactured with blade length on dimension (W) except where short dimension (H) is less than 12" (305).
 (See Sketch 1 above)



SKETCH 2

(H = less than 12" (305))

If short dimension (H) is less than 12" (305), units are manufactured with blade length on short dimension.
 (See Sketch 2 above)

MODEL: 0714 SINGLE BLADE (SQUARE OR RECTANGULAR)

Model 0714's single blade design provides maximum free area and no obstruction to airflow when open.

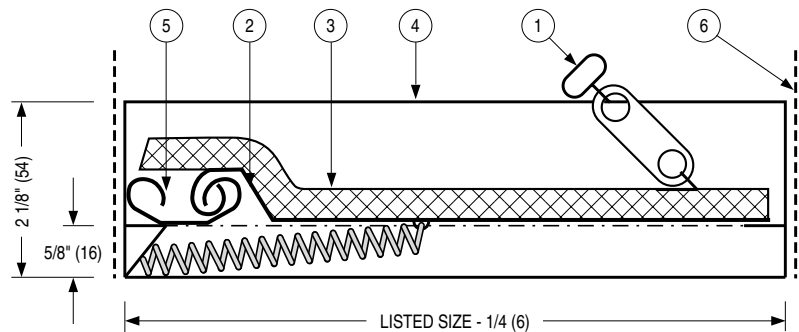
UL MAXIMUM SIZE: 24" x 24" (610 x 610)
 UL MINIMUM SIZE: 4" x 4" (102 x 102)

CONSTRUCTION:

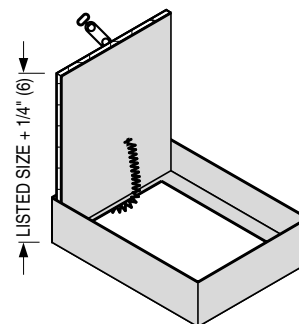
1. U.L. Listed fusible link, 212°F (100°C), standard.
2. Blades: galvanized steel.
3. Non-asbestos UL Classified insulation on units over 80 sq. in. (516 sq. cm) finished size, standard. Not required on smaller units.
4. Roll-formed frame: galvanized steel.
5. Hinge.
6. Duct drop (by others).

OPTIONS:

1. 165°F (74°C) U.L. Listed fusible link.



CLOSED POSITION



OPEN POSITION

H

CEILING DAMPERS

MODEL: 0722 (ROUND)

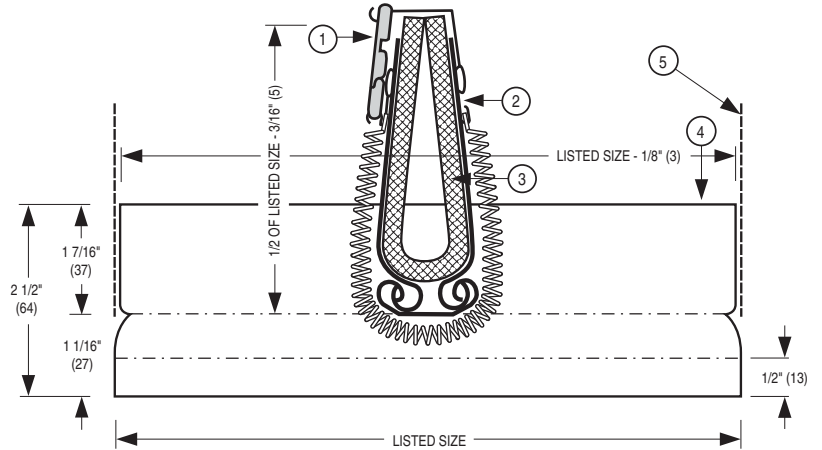
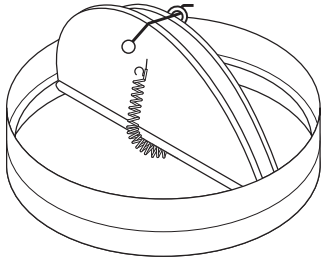
UL MAXIMUM SIZE: 24" (610) dia.
UL MINIMUM SIZE: 4" (100) dia.

CONSTRUCTION:

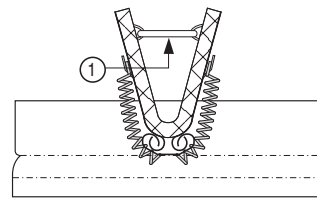
1. U.L. Listed fusible link, 212°F (100°C), standard.
2. Blades: galvanized steel.
3. Insulation; Non-asbestos UL Classified on units 12 in. (305) dia. and larger. Not required on smaller units.
4. Roll-formed frame: galvanized steel.
5. Duct drop (by others).

OPTIONS:

1. 165°F (74°C) U.L. Listed fusible link.



UNIT SIZE 4" (102) DIA. ONLY.



MODELS: 0722-SE (ROUND) SHORT TOP EXTENSION 0722-LE (ROUND) LONG TOP EXTENSION

The extension collar on Models 0722-SE and 0722-LE minimizes the risk of interference with blade closure in flexible duct installations and helps ensure even airflow into the diffuser neck for optimum performance.

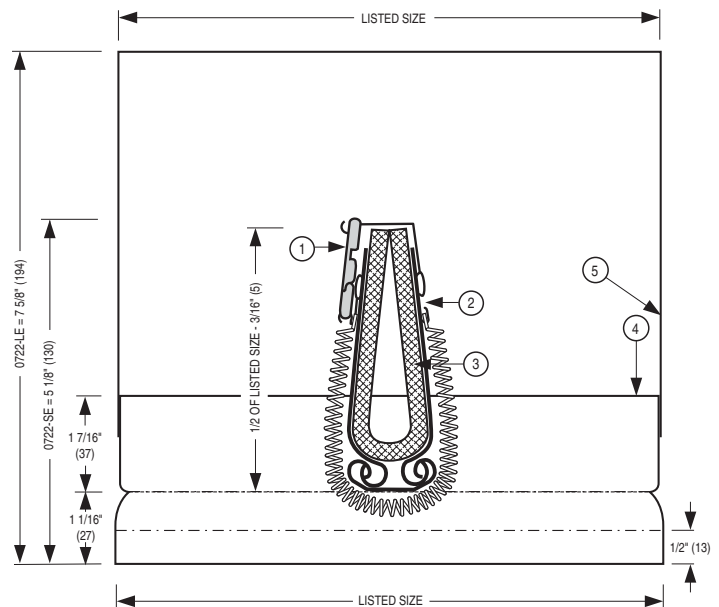
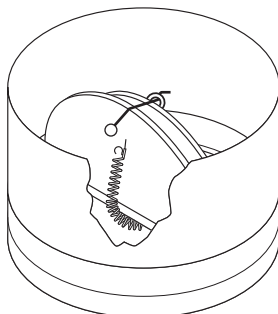
UL MAXIMUM SIZE: 24" (610) dia.
UL MINIMUM SIZE: 4" (100) dia.

CONSTRUCTION:

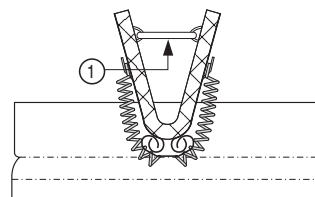
1. U.L. Listed fusible link, 212°F (100°C), standard.
2. Blades: galvanized steel.
3. Insulation; Non-asbestos UL Classified on units 12 in. (305) dia. and larger. Not required on smaller units.
4. Roll-formed frame: galvanized steel.
5. Top extension.

OPTIONS:

1. 165°F (74°C) U.L. Listed fusible link.



UNIT SIZE 4" (102) DIA. ONLY.



HOW TO SPECIFY OR TO ORDER**MODELS: 0716/0716-4/0722/0722-SE/LE****SUGGESTED SPECIFICATION:**

Provide and install, as shown on plans and/or schedules, ceiling fire dampers as manufactured by Nailor Industries meeting the following criteria: Ceiling fire dampers shall be UL Classified for use in all restrained and unrestrained UL Listed ceiling assemblies with fire resistance ratings of 3 hours or less. Dampers shall be manufactured and tested in accordance with UL 555C Standard for Ceiling Dampers and shall bear a UL label identifying same. Each ceiling damper shall be held open with a 212°F (100°C) UL Listed fusible link (or specifier to select 165°F (74°C)), and shall be of size and configuration as indicated. Square or rectangular applications shall utilize Nailor Model 0716 as standard. Round applications shall utilize Nailor Model 0722 as standard. Ceiling dampers shall ship with and be installed in accordance with manufacturers UL installation instructions. Information submitted for approval shall include same UL installation instructions. Standard of acceptance: Nailor Industries Models 0716/0722.

For SE/LE top extensions, add the following: Model 0722 round ceiling dampers shall be provided with long top extensions Model 0722-LE, or short top extensions Model 0722-SE, as deemed suitable by space above ceiling, to ensure flex duct does not interfere with blade closure.

HOW TO ORDER:

Order by model number and size, then list optional fusible link (if desired).

	OPTION CODE	DESCRIPTION
FUSIBLE LINK:	165	165°F (74°C) UL Listed Fusible Link

H**CEILING DAMPERS**