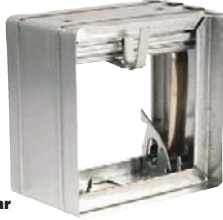


1-800-GRAINGER (472-4643)



Round



Square & Rectangular



Fire Dampers

- UL, NFPA, IBC, MEA, CSFM
- Accommodate airflow in either direction
- Fire-resistance rating: 1 1/2 hr.
- Max. temp.: 165°F
- Curtain blade style (square & rectangular); single-blade (round)
- NFPA 80 requires retaining angles

Dynamic

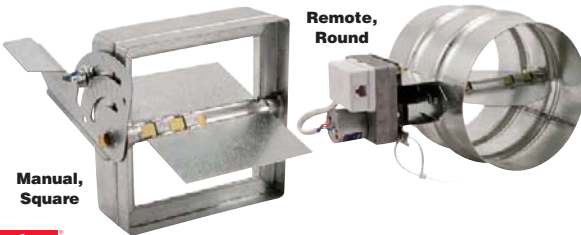
- Steel spring-assist closing
- Velocity rating: 2,000 fpm
- Pressure rating: 4" wg

Static—For zero-pressure during damper closing. Vertical-mount models close via gravity. Horizontal models have spring-assist closing.

Nom. Duct Dia.	Damper D	DYNAMIC, VERTICAL OR HORIZONTAL MOUNT Item No.
4 in	13 3/8 in	2TF24
6 in	13 3/8 in	2TF25
8 in	13 3/8 in	2TF26
10 in	13 3/8 in	2TF27
12 in	13 3/8 in	2TF28
14 in	13 3/8 in	2TF29
Accessory		
165°F Fusible Link for Round		2TGJ3

Nom. Duct W	Nom. Duct H	DYNAMIC, VERTICAL OR HORIZONTAL MOUNT Item No.	STATIC, VERTICAL MOUNT Item No.	STATIC, HORIZONTAL MOUNT Item No.	RECOMMENDED RETAINING ANGLE Item No.
Square and Rectangular					
6 in	6 in	2TGE6	2TGA1	2TGC8	2TGG4
8 in	8 in	2TGE7	2TGA2	2TGC9	2TGG5
10 in	6 in	2TGE8	2TGA3	2TGD1	2TGG6
10 in	10 in	2TGE9	2TGA4	2TGD2	2TGG7
12 in	6 in	2TGF1	2TGA5	2TGD3	2TGG8
12 in	8 in	2TGF2	2TGA6	2TGD4	2TGG9
12 in	10 in	2TGF3	2TGA7	2TGD5	—
12 in	12 in	2TGF4	2TGA8	2TGD6	2TGH2
14 in	12 in	2TGF5	2TGA9	2TGD7	2TGH3
14 in	14 in	2TGF6	2TGC1	2TGD8	2TGH4
16 in	8 in	2TGF7	2TGC2	2TGD9	2TGH5
16 in	12 in	2TGF8	2TGC3	2TGE1	2TGH6
16 in	16 in	2TGF9	2TGC4	2TGE2	2TGH7
18 in	18 in	2TGG1	2TGC5	2TGE3	2TGH8
24 in	12 in	2TGG2	2TGC6	2TGE4	2TGH9
24 in	24 in	2TGG3	2TGC7	2TGE5	2TGH1
Accessory					
165°F Fusible Link for Square or Rectangular Dampers					2TGJ2

* Retaining plate included for installation.



Manual, Square

Remote, Round



Balancing Dampers

- Galvanized steel
- Pressure rating: 1.0" wg
- Velocity rating: 2000 fpm
- Max. temp.: 180°F

Additional sizes available on Grainger.com®.

Manual—Designed to regulate airflow, but not intended for use where positive shut-off or automatic control is needed. Features manual hand quadrant that can be locked in place.

Remote—Offer the same function as manual balancing dampers with the additional ability to control damper remotely with 48C165 at wall plate or diffuser. Includes factory-mounted 9V actuator. Optional accessories sold separately.

WARNING: utilizing any controller other than 48C165 to adjust damper will void damper warranty.

Duct W (in.)	Duct H (in.)	Item No.	Duct Dia. (in.)	Item No.	Description	Item No.
Manual, Square & Rectangular						
6 in	6 in	22CV77	6 in	2TFX7	Quick Control Remote Kit	48C165
8 in	6 in	22CV84	8 in	2TFX8	Actuator Kit	48C164
8 in	8 in	22CV78	10 in	2TFX9	Cable Assembly, 14 ft, Plenum-Rated	48C170
10 in	6 in	22CV85	12 in	2TFY1	Cable Assembly, 50 ft, Plenum-Rated	48C171
10 in	8 in	22CV82	14 in	2TFY2	Cable Coupler Kit	48C163
10 in	10 in	22CV80	Remote, Round			
12 in	6 in	22CV81	6 in	48C159	Wall/Ceiling Plate, White	48C167
12 in	8 in	22CV83	8 in	48C160		
12 in	10 in	22CV86	10 in	48C161		
12 in	12 in	22CV79	12 in	48C162		

Round



Smoke, Square



Fire/Smoke, Square

Motorized Smoke & Fire/Smoke Dampers

- UL, NFPA, IBC, MEA, CSFM
- Accommodate airflow in either direction
- Smoke leakage rating: Class II
- 3V blade (square); single-blade (round)
- Velocity rating: 2000 fpm (square); 3000 fpm (round)



Smoke—Factory-installed actuator forces damper blades to close in emergency smoke control situations.

Fire/Smoke—Designed for closure in emergency fire and smoke situations. Factory-installed actuators are prewired to a single junction box.

- Fire-resistance rating: 1 1/2 hr.

Nom. Duct Dia.	D	24V AC Item No.	120V AC Item No.	
Smoke, Round				
6 in	8 1/4 in	3HG2	3GH7	
8 in	8 1/4 in	3HG3	3GH8	
10 in	8 1/4 in	3HG4	3GH9	
12 in	8 1/4 in	3HG5	3GH1	
14 in	8 1/4 in	3HG6	3GH2	
Fire/Smoke, Round*				
6 in	15 1/2 in	3HG6	3GL4	
8 in	15 1/2 in	3HG7	3GL5	
10 in	15 1/2 in	3HG8	3GL6	
12 in	15 1/2 in	3HG9	3GL7	
14 in	15 1/2 in	3HL1	3GL8	
16 in	15 1/2 in	3HL2	3GL9	
18 in	15 1/2 in	3HL3	3GN1	
Nom. Duct W	Nom. Duct H	24V AC Item No.	120V AC Item No.	RECOMMENDED RETAINING ANGLE Item No.
Smoke, Square				
8 in	8 in	3HG1	**	3HG6
10 in	10 in	3HG2	**	3HG7
16 in	16 in	3HG3	**	3HG8
18 in	18 in	3HG4	**	3HG9
24 in	24 in	3HG5	**	3GH1
Fire/Smoke, Square				
8 in	8 in	3HG3	**	3HG9
10 in	10 in	3HG4	**	3HG1
12 in	12 in	3HG5	**	3HG2
16 in	16 in	3HG6	**	3HG3
18 in	18 in	3HG7	**	3HG4
24 in	24 in	3HG8	**	3HG5

* Retaining plate included for installation. **AMCA certified.



Insulated Access Doors

- 1" fiberglass insulation
- Rated up to 4" wg
- NFPA 80 requires access to fire dampers



Door H	Door W	Rough Opening H	Rough Opening W	HINGED SINGLE CAM LOCK Item No.	DOUBLE CAM LOCK Item No.
6 in	6 in	5 1/2 in	5 1/2 in	2TFX2	5EFT0
8 in	8 in	7 1/2 in	7 1/2 in	2TFX3	5EFT1
10 in	10 in	9 1/2 in	9 1/2 in	2TFX4	5EFT2
12 in	12 in	11 1/2 in	11 1/2 in	2TFX5	5EFT3
14 in	14 in	13 1/2 in	13 1/2 in	2TFX6	5EFT4