



Square



Round



Actuator

Dayton



Volume Control Dampers

Designed to regulate the volume of air moving through a duct system. Can be used as a positive shutoff or for automatic control. Install with blades in horizontal position. 24V and 120V actuators sold separately.

Duct W	Duct H	3V BLADE Item No.	AIRFOIL BLADE Item No.	EXTRUDED BLADE Item No.
Square, Dayton				
10 in	10 in	2LRY6	3HGN2	3HGP3
12 in	12 in	2LRY7 *	3HGN3 *	3HGP4 *
16 in	16 in	2LRY8	3HGN4	3HGP5
18 in	18 in	2LRY9	3HGN5	3HGP6
24 in	24 in	2LRZ1 *	3HGN6 *	3HGP7 *

* AMCA certified. All dampers shown herein meet AMCA air performance ratings, but AMCA selects, tests, and certifies only the 12" x 12" and 24" x 24" sizes in an effort to equalize costs for small and large manufacturers.

Duct Dia.	Item No.
Round Single-Blade, Dayton	
6 in	3HGN7
8 in	3HGN8
10 in	3HGN9
12 in	3HGP1
14 in	3HGP2

Voltage	W	H	D	Item No.
Actuators (Power Open/Spring Close), Approved Vendor				
24V AC/DC	3 7/8 in	6 3/4 in	2 1/4 in	2LRZ2
120V AC +/-10%	3 7/8 in	6 3/4 in	2 1/4 in	2LRZ3

Type	Galvanized Steel Frame	Extruded Aluminum Frame	Opposed Blades	Round, Single-Blade	TPE Seals	Silicone Seals	Velocity Rating (fpm)	Pressure Rating (in. wg)	Max. Temp. (°F)
Square 3V	X		X		X		2000-3000	2.5-6.0	100
Square Airfoil	X		X		X		2500-4000	3.0-8.0	100
Square Extruded		X	X			X	3000-6000	2.0-6.0	180
Round Single-Blade	X			X		X	3000	4	180



5NKK1

Motorized Hat Channel-Style Dampers

Dayton

- 100 to 240V
- 50/60 Hz with end switch
- Exhaust or supply
- Mount: horizontal or vertical
- Max. velocity: 3500 fpm

Regulate airflow in medium- and low-pressure commercial applications. TPV louver seals and stainless steel jambs minimize leakage. Channel frames for installations inside walls or ductwork.

Actuator is internally installed. Mill-finish extruded aluminum frame (5" deep x 0.1" thick) and louvers (0.08" thick). Plated steel linkage and pivot pins.

Overall Square	Sq. Opening Reg.	Free Area	Motor Bracket Extension*	Item No.
Single Panel, Power Open, Spring Return				
11 3/4 in	12 in	0.372 sq ft	11 1/2 in	5NKK1
15 3/4 in	16 in	1.05 sq ft	11 1/2 in	5NKK2
19 3/4 in	20 in	2.126 sq ft	11 1/2 in	5NKK3
23 3/4 in	24 in	3.172 sq ft	11 1/2 in	5NKK4
29 3/4 in	30 in	5.107 sq ft	11 1/2 in	5NKK5
35 3/4 in	36 in	7.559 sq ft	11 1/2 in	5NKK6
41 3/4 in	42 in	10.49 sq ft	11 1/2 in	5NKK7
47 3/4 in	48 in	13.9 sq ft	11 1/2 in	5NKK8

* From damper frame to end of bracket.

Ameri★Flow

Snap-On Backdraft Damper

These backdraft dampers are low-leakage control dampers for use in systems requiring airflow modulation or control. They feature round, spring-assisted blades that open to allow airflow in only one direction and can be used to release hot exhaust from heating systems without allowing cold air inside. Suitable for use in heating and air conditioning systems.



Duct Dia.	Damper Dia.	Blade Material	Item No.
14 in	13 3/4 in	Galvanized Steel	4JA30



Butterfly Dampers

Corrosion- and chemical-resistant butterfly dampers help to regulate and control the volume of air moving through round PVC duct systems and are ideal for use in harsh environments. Included locking screw helps secure the damper's round blade in position. Dampers resist most acids, aliphatic solutions, bases, halogens, oxidants, and salts making them suitable for use in corrosive fume exhaust applications. Meet ASTM D1784 standard.



6XME9

Duct Dia.	Blade Material	Item No.
4 in	Type 1 PVC	6XME9
6 in	Galvanized Steel	6XMF0
8 in	Galvanized Steel	6XMF1
10 in	Galvanized Steel	6XMF2
12 in	Galvanized Steel	6XMF3