

MODEL 1770

Steel Control Damper • 4" Deep • Single Thickness Blades • Parallel or Opposed

Standard Materials and Construction

FRAME: 16 GA. galvanized steel hat-shaped channel, 4" deep.

BLADE: 16 GA. galvanized steel, maximum 6" spacing, maximum length 48".

LINKAGE: Pivots are 1/2" dia. plated steel. A 1/4-20 set screw with locking patch locks the pivots to a .31" dia. aluminum rod. Pivots rotate in a celcon bearing. Blade brackets are 12 GA. plated steel. Blade linkages are individually factory adjusted for maximum shut-off.

BEARINGS: Oilite Bronze.

AXLES: 1/2" dia. plated steel.

DRIVE SHAFT: 1/2" dia. plated steel, extendable 6" beyond frame.

SEALS: Polyurethane for blade and jamb.

FINISH: Mill.

Options

Flanged Frames

Jamb Seal - Neoprene

Concealed Linkage

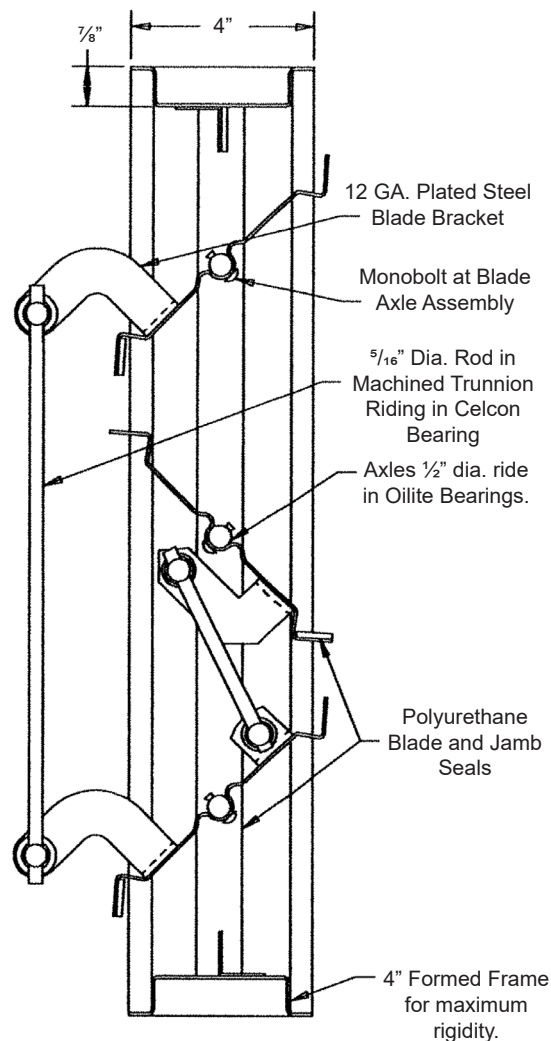
Mixing Face & Bypass Dampers

Notes

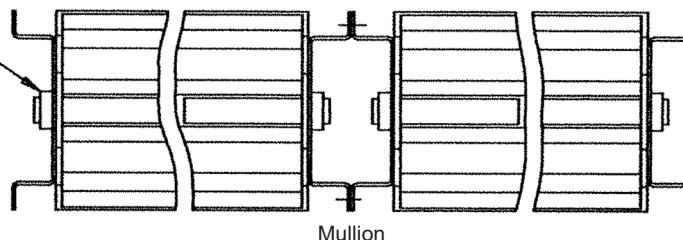
1. 1/4" nominal deduction will be made to the opening size given.
2. Dampers less than 11" high will be a single blade.
3. Dampers between the height of 11" and 14 3/4" will have two blades, opposed action only.
4. Dampers less than 8 3/4" in height will be provided with a 5/8" x 2" x 5/8" extruded aluminum frame.
5. Dampers are rated for systems up to 2000 fpm or up to 4 in. w.g. Please advise when ordering for applications beyond this threshold.
6. Approximate shipping weight is 6 1/2 lbs per sq.ft.

Damper Sizes

Panels	Min Panel	Max Single Panel
Parallel	6"W x 8 3/4"H	48"W x 96"H
Opposed	6"W x 8 3/4"H	48"W x 96"H



Oilite Bronze
Flanged Sleeve
Bearings



Item #	Qty	Width	Height	Parallel Blades	Opposed Blades	Seals	Actuator Model	Interior	Exterior	N.C.	N.O.	
		Damper Size						Act. Location		Function		
Arch. / Eng.:						EDR:		ECN:		Job:		
Contractor:												
Project:						Date:		DWN:		DWG:		