

MODEL 540

Industrial Damper • 10" Deep • Airfoil Blades • Channel Frame • Galvanized Steel • 800°F Max Temperature

For use up to 15 in. w.g. static pressure and temperatures up to 800°F

Standard Materials and Construction

FRAME: 2" x 10" x 2", 10 GA. hot rolled steel formed channel frame.

BLADE: 10 GA. galvanized steel, airfoil design, to a maximum 60" length.

SHAFT: 1" dia. plated cold-finished steel, corrosion resistant, for up to 48" in length. 1" dia. for up to 60" length.

BEARINGS: Stainless steel flanged sleeve, bolted to the frame.

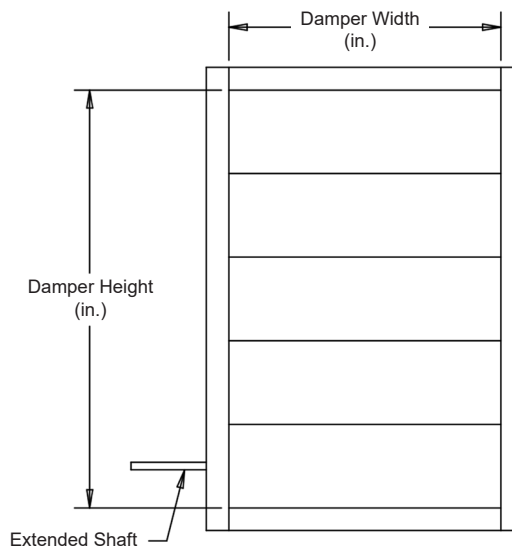
LINKAGE: ½" dia. inter-connecting rod with trunnion pivot fasteners, located in jamb.

OPERATOR: Manual hand quadrant or lever arm for motor actuator. Specify type when ordering.

FINISH: Mill.

TEMP. LIMIT: 800°F

Consult the factory for temperature limits over 800°F.



Options

Stuffing boxes and replaceable packing

Jamb Seals - Stainless steel

Blade Edge Seals - Stainless steel

Flanges other than the standard 2" wide

Finishes - Acrylic, baked enamel, etc.

Perimeter holes: one flange or two flanges

Other types of bearings

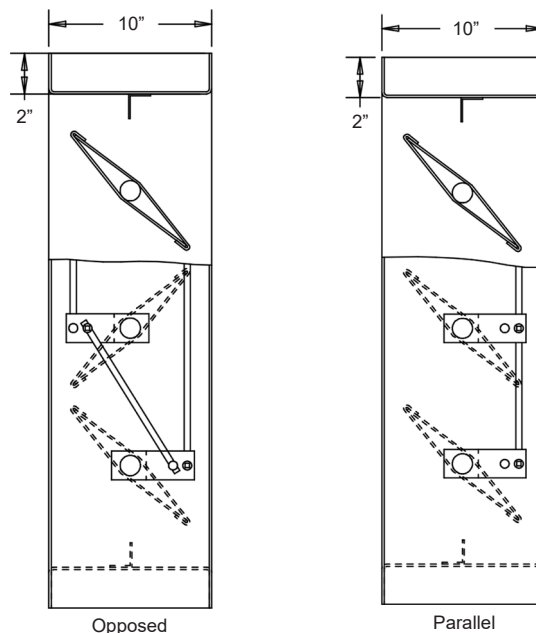
Materials - Corten available

Notes

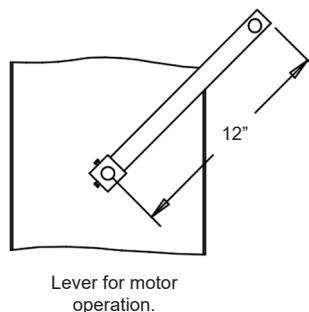
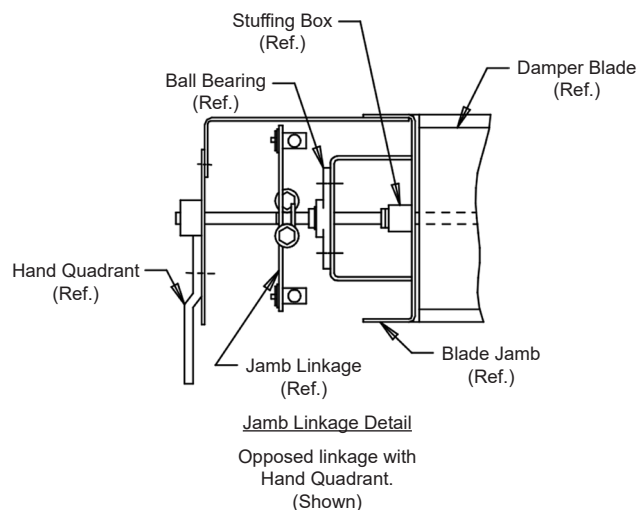
1. ¼" nominal deduction will be made to the opening size given.
2. Construction may be with other materials when required to meet special conditions, such as: temperature, pressure, velocity, system environment, or other specifications.
3. This damper is not available in stainless steel.
4. Approximate shipping weight is 18 lbs./sq.ft.

Damper Sizes

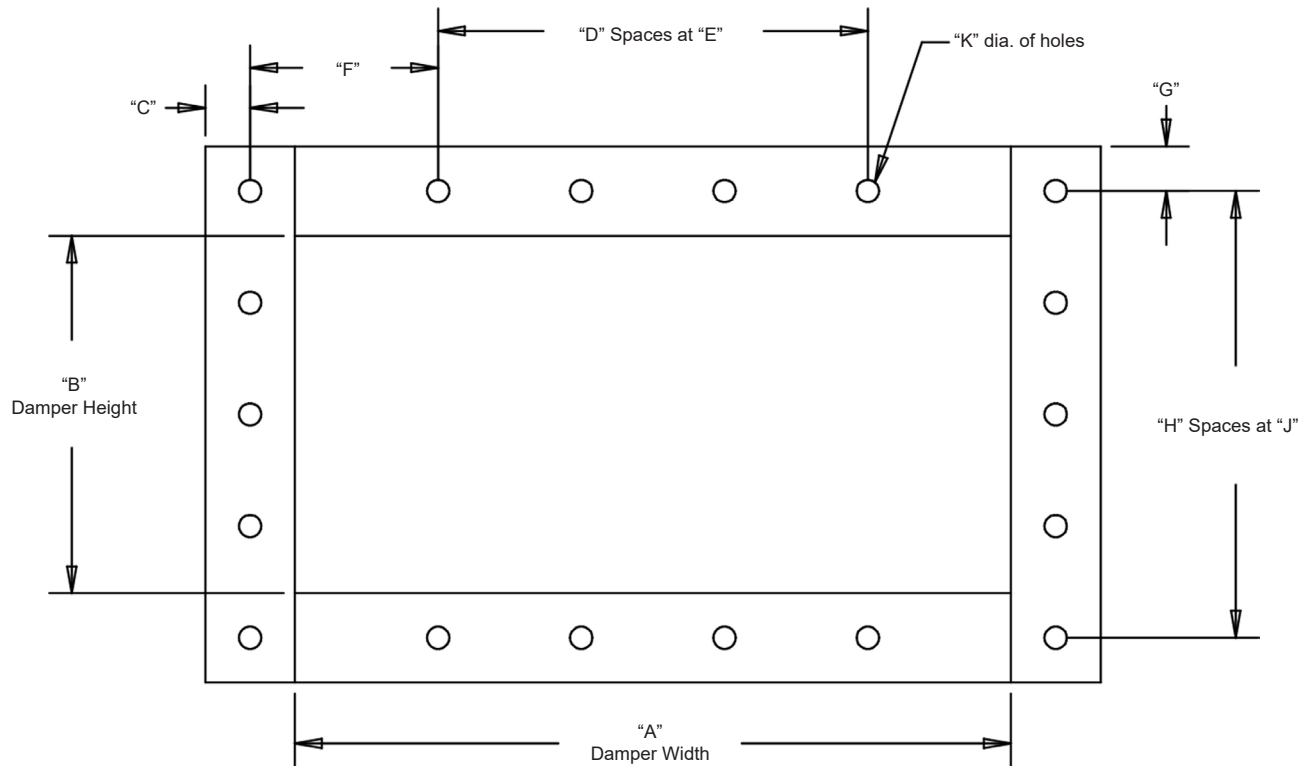
Min. Size	Max. Size
6"W x 6"H (Single Blade)	60"W x 96"H
6"W x 12"H (Opposed)	




Not to scale.



Lever for motor operation.

Industrial Damper • 10" Deep • Airfoil Blades • Channel Frame • Galvanized Steel • 800°F Max Temperature

																		
Item #	Qty	"A" Width	"B" Height	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"	"M"	Para	Oppo	Hand Quad	Motor Lever Arm		
		Damper Size		Damper Specifics									Blade Position		Actuator		Union Made	
Arch. / Eng.:						EDR:						ECN:				Job:		
Contractor:																		
Project:						Date:						DWN:				DWG:		