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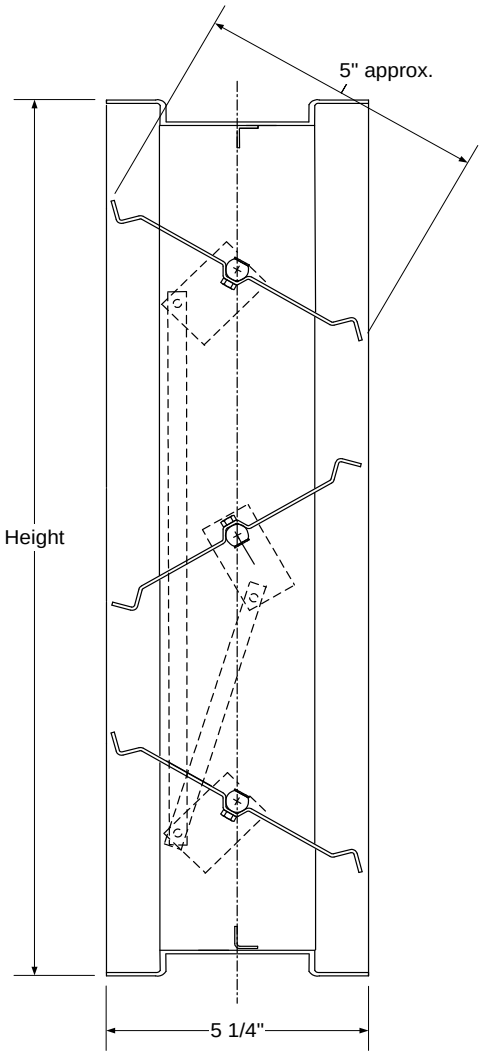
Model MFD-32 Opposed Blade Control Damper

Galvanized Steel

Specifications

Frame:	Roll formed 16ga. galvanized steel hat roll form channel frame.
Blades:	Roll formed 16ga. galvanized steel triple-v-groove approximately 5” wide minimum.
Bearings:	Molded Nylon.
Axles:	Zinc plated hex bearing pin.
Linkage:	1/8”x 1/2” extruded aluminum 6061-T5 tie bar
Control Rod:	1/2” dia. x 6” long plated steel.
Max. Velocity:	2000 FPM @ 4” w.g.
Minimum size:	4”w x 12”h.
Maximum size:	48”w x 72”h. Multiple section - unlimited size.



Options

-Flanged frame.
-Blade edge seals.
-Stainless steel side seals.
-Face and bypass assemblies.
-Operators.
-Sleeves.
-Various materials and gauges available, consult factory.
-Other options are available, consult factory.

Notes

1. Width x height are nominal opening dimensions. Unless specified otherwise, panels will be constructed 1/4” undersize.
2. Metal Form reserves the right to improve design or change specifications at any time.

Tag	Qty.	Width	Height	No. of Panels (W x H)	Options	Finishes/Specify	Remarks

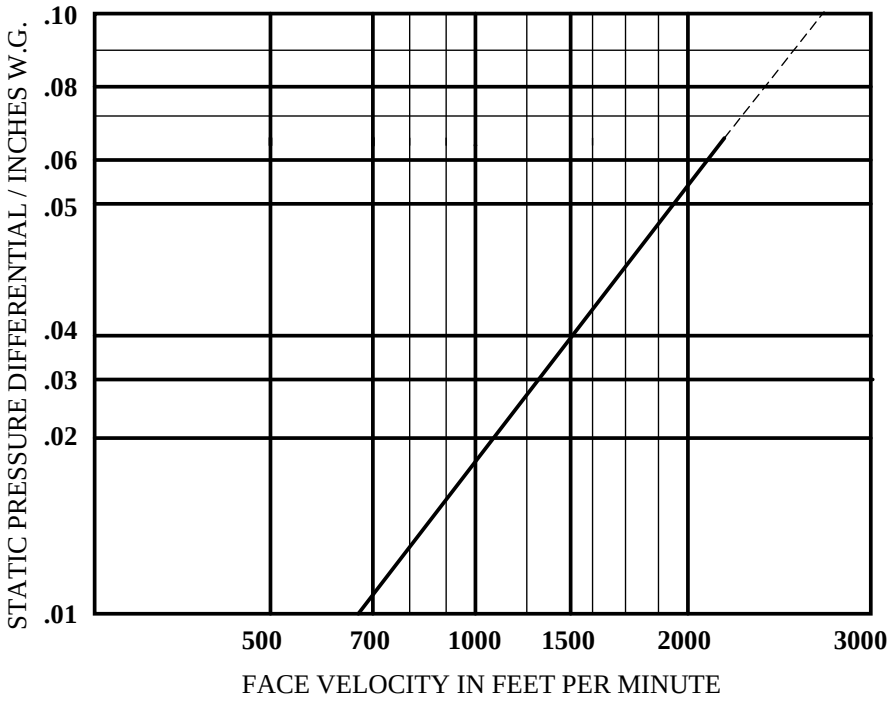
Project: _____
Architect: _____
Engineer: _____
Contractor: _____

Refer to back page for performance data.

Form No. D-3211-S5
Supersedes Form No. D-3200-S5

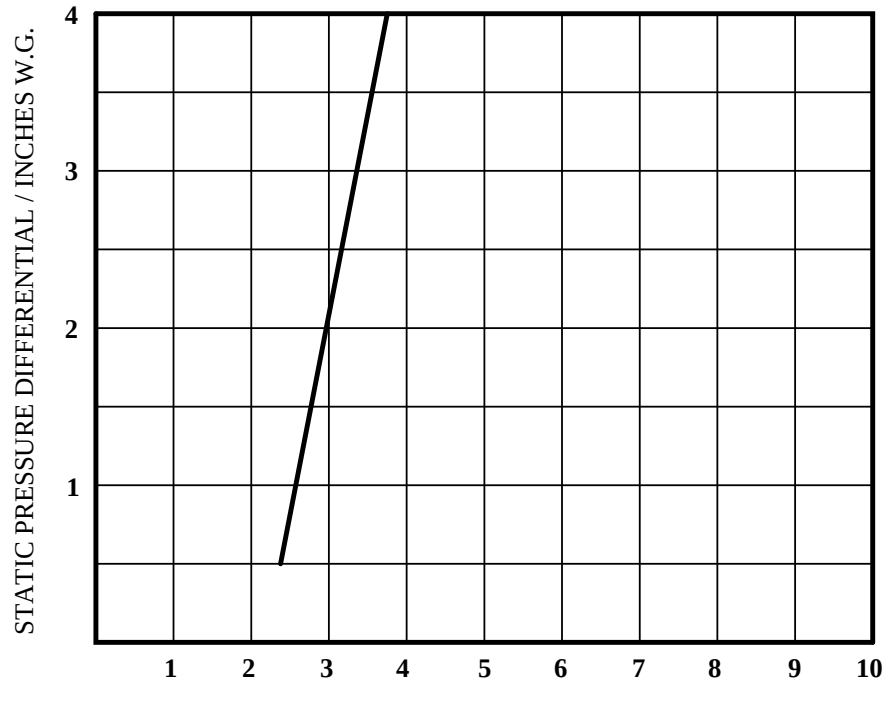
Model MFD-32
Performance Data

PRESSURE DROP



The pressure drop information is obtained by testing a 36”x 36” damper in accordance with Standard 500 per figure 5.3(in duct). Blades are positioned at 90 degrees full open.

LEAKAGE CHART



The leakage information is obtained by testing a 36”x 36” damper with optional blade edge and stainless steel side seals in accordance with Standard 500 per figure 5.5(in wall). Holding torque applied is 5in./lbs. per square foot of damper area.