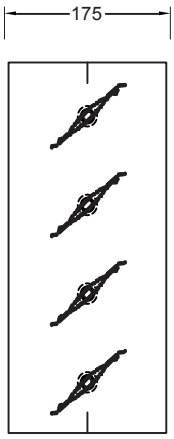
JB11 / JB12 - F

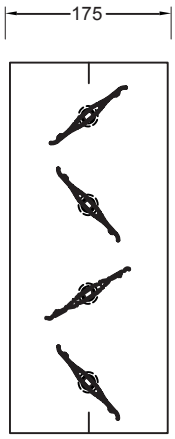
Volume Control Damper

175mm Deep • Parallel or Opposed Blade • Volume Control Damper • Flat Frame

Construction	Standard
Frame Material	Galvanized Sheet Steel
Frame Material Thickness	18Ga (1.2mm) Roll-formed
Blade Material	Galvanized steel
Blade Material Thickness	22ga Double Skinned airfoil (equivalent to 16ga)
Blade Width	105*mm
Blade Seals	Elastomeric Blade Edge Seals
Axles	10mm Zinc plated steel stubs
Bearings	Heavy duty molded Acetal
Stops	Galvanized steel angle at head and sill
Linkage	Galvanized steel
Finish	Mill



JB11
Parallel Blades

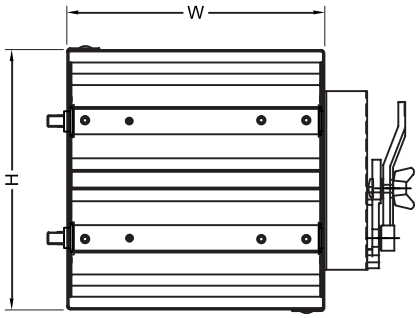


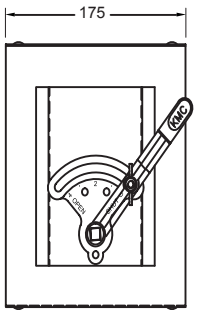
JB12
Opposed Blades

Options

- Frame - 1.6mm thick (16 GA)
- Blade Seal - Silicone
- Jamb Seal - Stainless Steel
- Actuators - Electric - 120V, 24V or 230V
- Bearing - OIB, Stainless Steel
- Frame & Blade Material - SS 304 or SS 316 or Aluminum

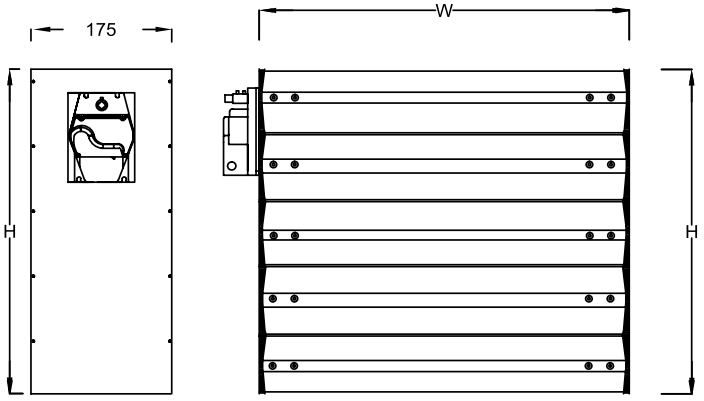
Panels	Min. panel Size Width x Height	Max. Size with Flat Frame Width x Height
	Inches (mm)	Inches (mm)
JB11 - F	4"W x 4"H *(100mm x 100mm)*	12"W x 12"H *(300mm x 300mm)*
JB12 - F	4"W x 4"H *(100mm x 100mm)*	12"W x 12"H *(300mm x 300mm)*





Notes

Dampers may be installed vertically or horizontally, but we do not recommend installation with the blades in the vertical position.



Side View

Front View

Motorised Damper

- Model JB 12-FM (Oppsed Blade Volume Control Damper)
- Model JB 11-FM (Parallel Blade Volume Control Damper)

*In the interest of product development, KMC reserves the right to make changes without notice.

JB11 / JB12 - F

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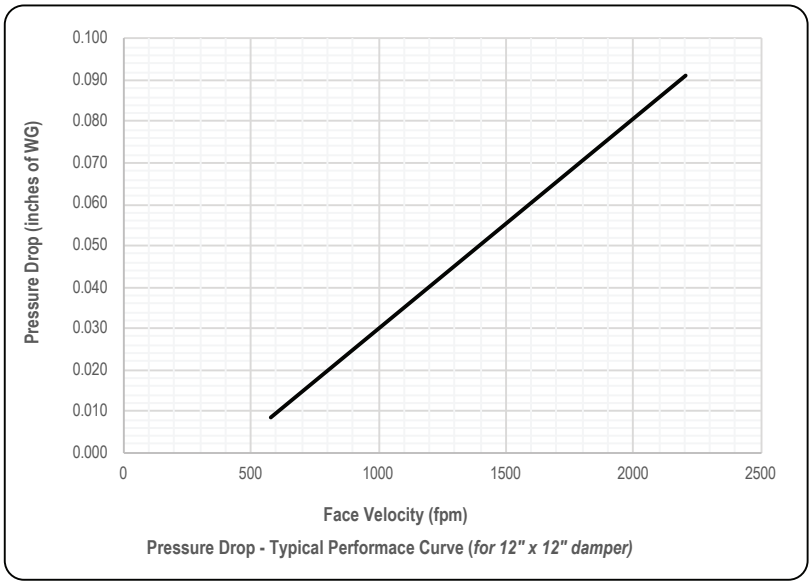
175mm Deep • Parallel or Opposed Blade • Volume Control Damper

Pressure Drops : Typical Performance Curve

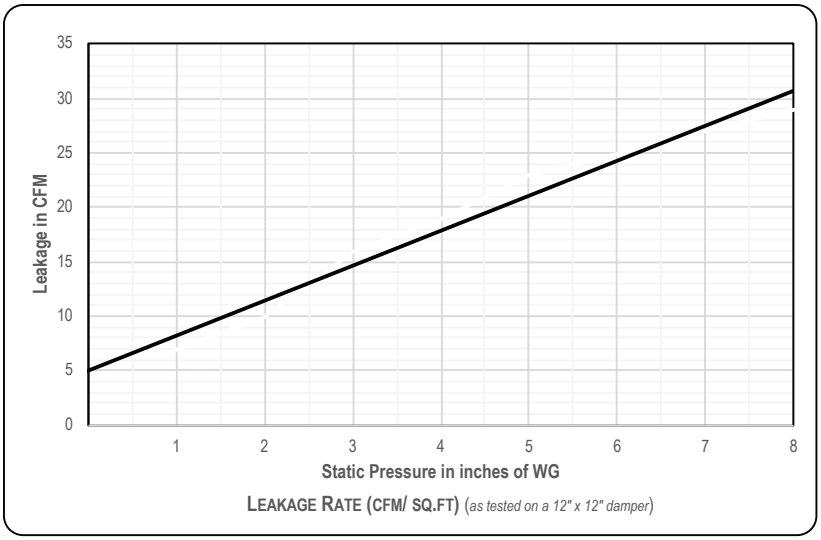
Pressure Drop in accordance to AMCA Standard 500-D-2012



Pressure Drop - Typical Performace Curve (*for 12" x 12" damper)*

Leakage

Leakage for the JB11 / JB12 shall not exeed 7CFM per Sq. Ft at 250 Pa (1" WG). Data based on a 300mm x 300mm (12" x 12") square sample tested in accordance with AMCA Standard 500-D-2012



LEAKAGE RATE (CFM/ SQ.FT) (*as tested on a 12" x 12" damper*)

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