



MODEL PDB/OBD-AF-101
AIRFOIL BLADE DAMPER
SINGLE OR MULTI BLADE

Standard Construction:

Frame: 3-1/2" X 5/8" (88.9 mm x 16 mm) x 14 ga. galvanized steel hat section with welded corners.

Blades: 16 ga. galvanized steel double skin airfoil on 6" (152 mm) centers.

Bearings: Stainless steel pressed into frame.

Axles: 1/2" (12.7 mm) dia. plated steel continuous.

Linkage: Plated steel with stainless steel pivot riveted to blade.

Operator Shaft: 6" x 1/2" (153 mm x 12.7 mm) dia. plated steel.

Finish: Mill galvanized.

Minimum Damper Size: 6"w x 6"h (152 mm x 152 mm) for 1 blade.
8"w x 14"h (203 mm x 355 mm) for 2 blades.

Maximum Damper Size: 48"w x 72"h (1219 mm x 1829 mm)

Maximum Temperature: 250 degrees F.

Maximum Pressure: 8" w.g.

Maximum Velocity: 4,000 fpm.

Options:

Seals: Blade seals

Jamb seals

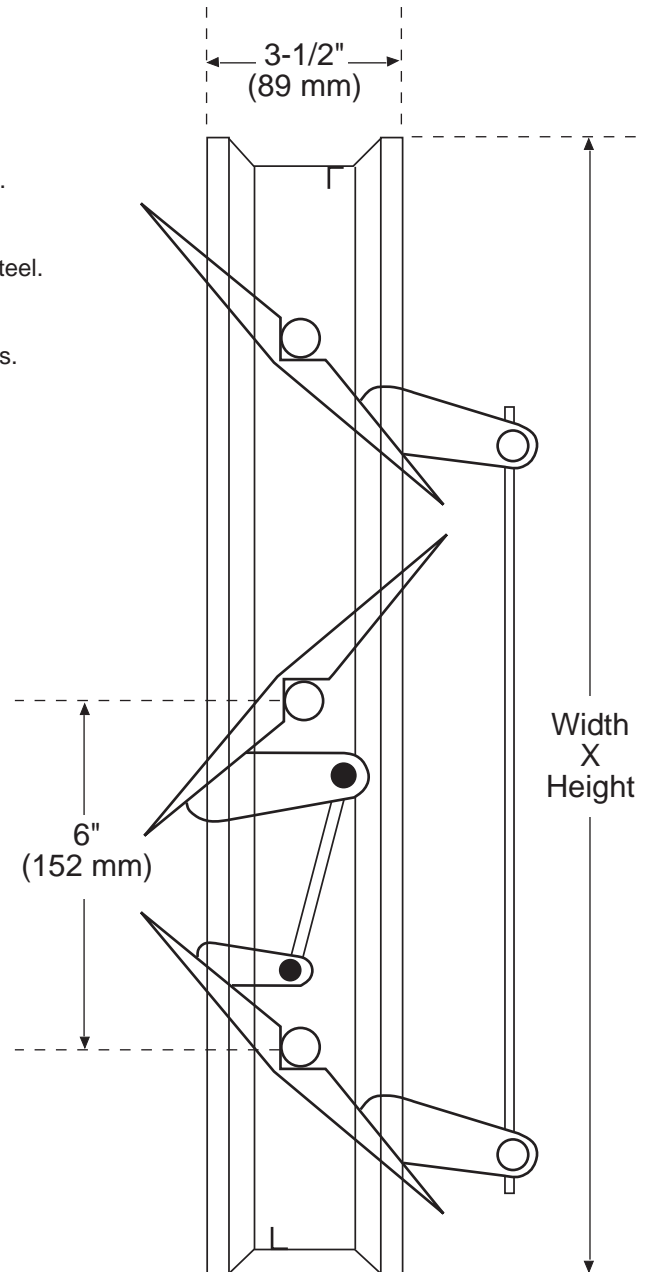
Operators: Motor Operators

Finish: Special finishes

Material: Special Materials

Notes:

- All dampers are fabricated 1/4" (6.4 mm) under listed sizes unless specified "actual or exact".
- All dampers must be installed square and free from racking.



PBD-100 - 02-05

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.

© 1999 NCA Manufacturing

Project:

Contractor:

Location:

Address:

Architect:

P.O. Number:

Engineer:

Date: