

Fiberglass Louvers and Dampers



 **Polymil Products, Inc.**

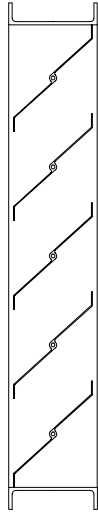
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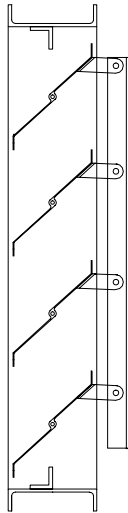
Fiberglass Louvers and Dampers

Model SBK6
"K" Style



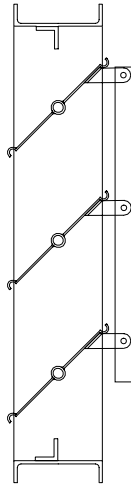
45° Stationary

Model ABK6
"K" Style



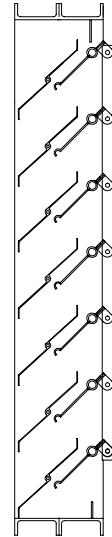
45° Adjustable

Model ABF6
"F" Style



90° Adjustable

Model CBK
"FA" Style



Combination
Stationary &
Adjustable

Standard Features

Construction: Hetron 99P ® polyester resin with UV inhibitor, synthetic veil, Class 1 flame-spread of 25 or less.

Frame: 6" deep channel, 1/4" thick. Model CBK 12" deep only)

Blades: SBK, ABK "K" style, 1/8" thick. ABF, CBK "F" style 1/8" thick, Center or end pivot.

Minimum size: 12" wide x 24" high

Maximum Size: 60" wide x 120" high

Color: Standard Gray

Pivots and Bearings: Fiberglass Reinforced Polypropylene

Linkage: Fiberglass reinforced polypropylene and FRP control arm

Operating Range: Opens to 45°

Hardware: 304 SS

Dampers: Parallel Blade, Gravity Backdraft type.

Options

Dampers: Opposed Blade configurations available.

Color: Special colors available on large orders

Hardware: 316 SS or monel

Screen: 1/2" mesh Polyethylene Birdscreen, Polyethylene insect screen, or stainless steel screen.

Mullion Covers: for multiple installations.

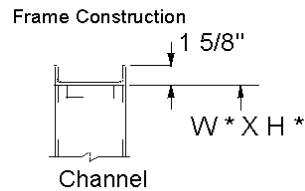
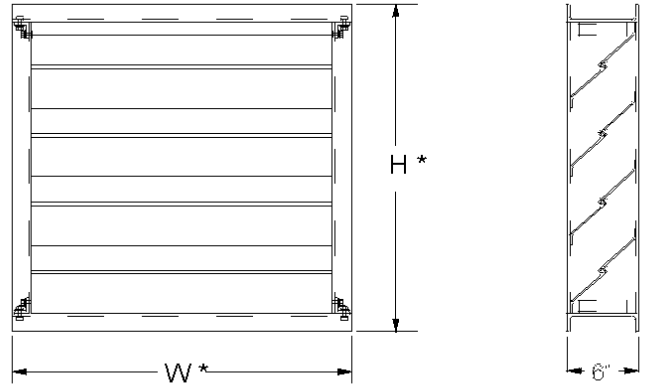
Operating Range: Opens full 90°

Wall Mounting: Sleeves or Flanges

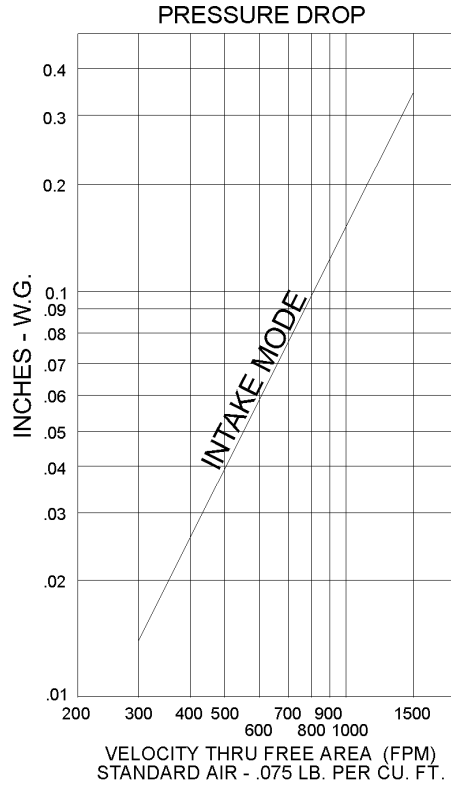
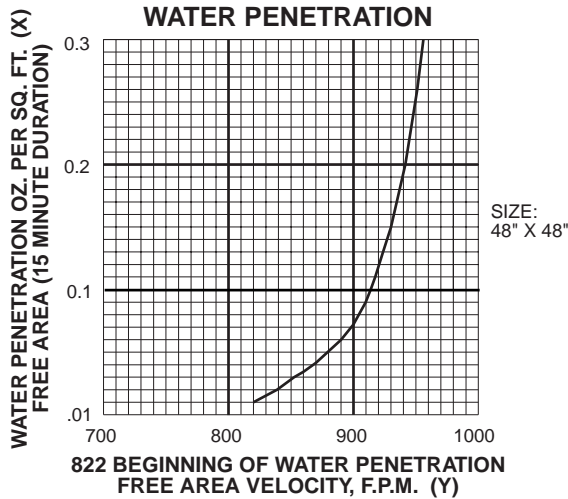
Operators: Manual locking hand quadrant, chain, or motor.

Other: Mounting Clips or Fasteners. Chain operator, Motor actuator. Capping Strips, Stop Pins.

6" Fiberglass Stationary Louver



***Note:** Opening size is normally 1/4" larger than louver size. Structural support of louver in opening by others. Screen adds approximately 1/2" to depth.



FREE AREA CHART - SQ. FT.

HEIGHT (Inches)	WIDTH (Inches)				
	12	24	36	48	60
24	.413	.996	1.580	2.163	2.746
36	.826	1.993	3.160	4.326	5.493
48	1.240	2.990	4.740	6.490	8.240
60	1.650	3.986	6.319	8.653	10.986
72	2.066	4.983	7.899	10.816	13.733
84	2.479	5.979	9.479	12.979	16.479
96	2.892	6.976	11.059	15.142	19.226
108	3.306	7.927	12.639	17.306	21.972
120	3.719	8.968	14.218	19.468	24.718

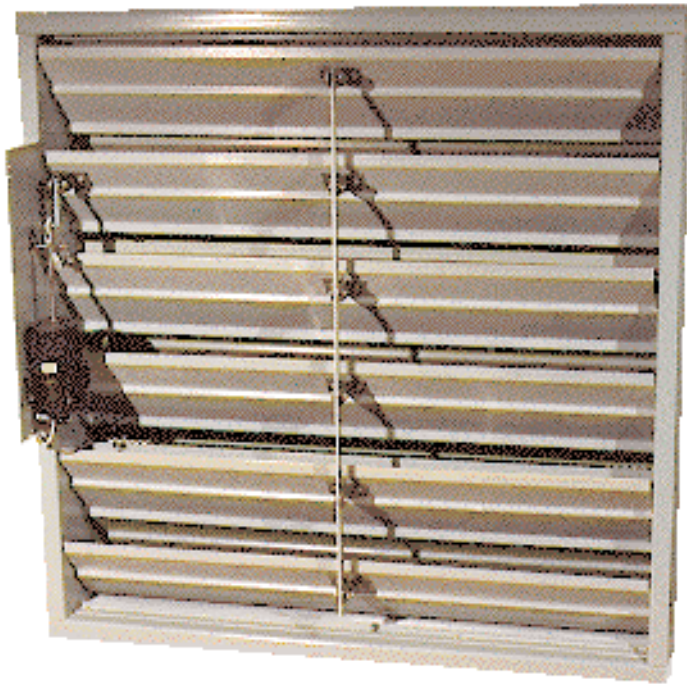
Dimensions are out-to-out of frame and include flanges

To determine minimum free area required for the louver:

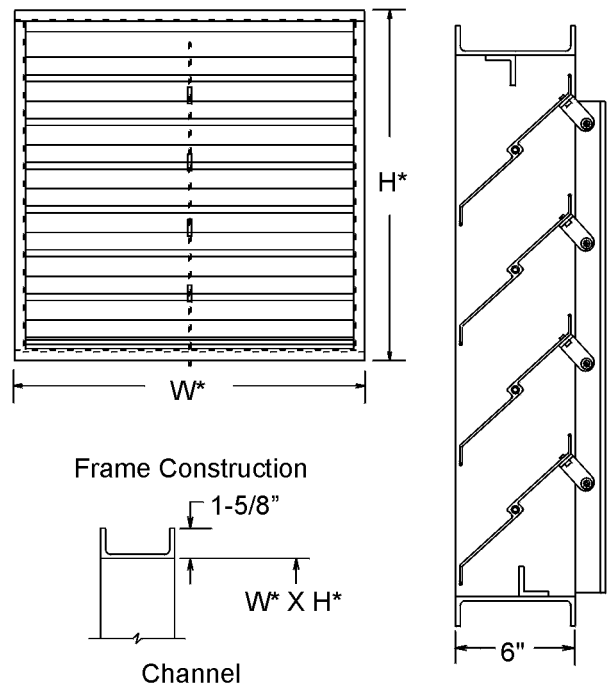
1. Divide the required CFM flow by the maximum recommended free area velocity.
2. Select the most desirable louver size from the free area table that meets the minimum free area requirement.

Note: Performance ratings do not include the effect of birdscreen.

6" Fiberglass Adjustable Louver and Damper



Adjustable Louver with motor actuator



*Note: Opening size is normally 1/4" larger than louver size. Structural support of louver in opening by others. Screen adds approximately 1/2" to depth.



Parallel Blade Damper



Opposed Blade Damper with Hand quadrant

Specifications

6" Stationary Blade Louver

Furnish _____ each, size _____, 6" Stationary Blade Louver Model as manufactured by Polymil Products, Inc.

Unit shall be constructed of isophalic polyester fire retardant resin equivalent to Hetron 99P® polyester resin with a Class 1 flamespread of 25 or less. Ultraviolet inhibitors shall be incorporated into the resin. Louver sections shall include fiberglass unidirectional filaments and synthetic veil. Louver shall have a minimum of 40% glass by weight. Coloring shall be achieved by use of pigments impregnated through the entire profile.

Louver frames shall be 6" deep channel type and a minimum 1/4" thickness

Louver blades shall be "K" style design and a minimum 1/8" thickness, opening at 45°.

Hardware shall be (304SS, 306SS, Monel).

Available accessories include: 1/2" mesh polypropylene birdscreen mounted in removable PVC frame, fiberglass mullion covers.

6" Adjustable Blade Louver

Furnish _____ each, size _____, 6" Adjustable Blade Louver as manufactured by Polymil Products, Inc.

Unit shall be constructed of isophalic polyester fire retardant resin equivalent to Hetron 99P® polyester resin with a Class 1 flamespread of 25 or less. Ultraviolet inhibitors shall be incorporated into the resin. Louver sections shall include fiberglass unidirectional filaments and synthetic veil. Louver shall have a minimum of 40% glass by weight. Coloring shall be achieved by use of pigments impregnated through the entire profile.

Louver bearings, pivots, linkages and brackets shall be fiberglass reinforced polypropylene. Control arms shall be of fiberglass construction.

Louver blades shall operate by (fiberglass thumbscrew locking quadrant, pull cable operation, electric motor operation).

Hardware shall be (304SS, 306SS, Monel).

Available accessories include: 1/2" mesh polypropylene birdscreen mounted in removable PVC frame, fiberglass mullion covers.

Louver frames shall be 6" deep channel type and a minimum 1/4" thickness

Louver blades shall be "K" style design and a minimum 1/8" thickness. Blades shall open to (45°, 90°).



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