



COMPOSITE FAN TECHNOLOGY

FRP *Louvers*



Corrosion Resistant • Rugged Construction

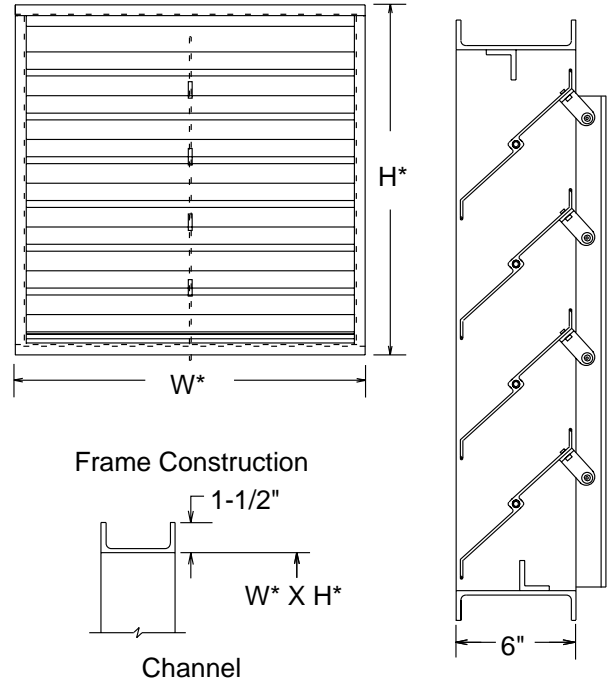
6" Fiberglass Adjustable Louver

Features

- **Construction:** Fiberglass, Hetron 99P® resin, class 1 flame spread of 25 or less, UV inhibitor, synthetic veil. Standard gray color.
- **Frame:** 6" deep channel, 1/4" thickness.
- **Blades:** 45°, "K" style, 1/8" thickness.
- **Pivots:** 5/8" dia. fiberglass reinforced polypropylene.
- **Bearings:** Fiberglass reinforced polypropylene.
- **Linkage:** Fiberglass reinforced polypropylene brackets and FRP control arm.
- **Hardware:** 304 stainless steel.
- **Operating range:** Opens to 45°.
- **Size:** Minimum 12" wide X 24" high, maximum 60" wide X 120" high.

Accessories

- **Special Color:** Light gray or beige.
- **Operating range:** Opens to 90°. Pivots located off-center to prevent blade from extending past front of unit.
- **Hardware:** 316 stainless steel or monel.
- **Screen:** 1/2" polyethylene mesh, polyethylene insect screen or stainless steel screen, mounted on front of louver.
- **Mullion Covers:** FRP construction, for multiple installations.



*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.



6" Fiberglass Stationary Louver

Features

- **Construction:** Fiberglass, Hetron 99P® polyester resin, class 1 flame spread of 25 or less, UV inhibitor, synthetic veil. Standard gray color.
- **Frame:** 6" deep channel, 1/4" thickness.
- **Blades:** 45°, "K" style, 1/8" thickness.
- **Hardware:** 304 stainless steel.
- **Size:** Min. 12" wide X 24" high, max. 60" wide X 120" high.

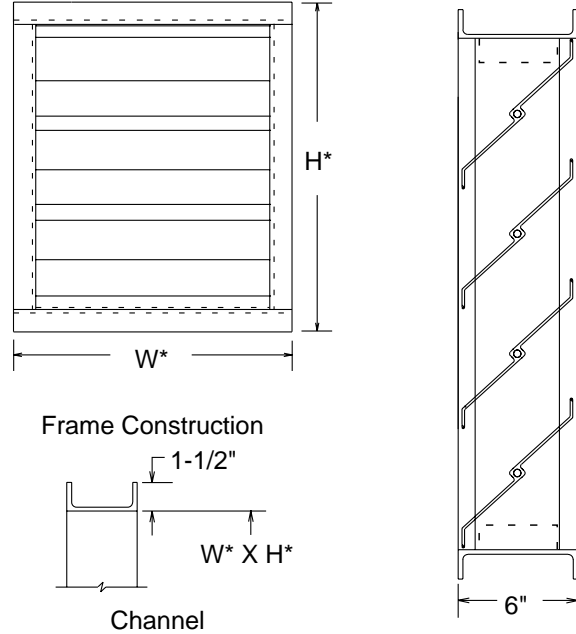
Accessories

- **Special Colors:** Light gray or beige.
- **Hardware:** 316 stainless steel or monel.
- **Screen:** 1/2" polyethylene mesh, polyethylene insect screen or stainless steel screen mounted on rear of louver.
- **Mullion Covers:** FRP construction, for multiple installations.

To determine a louver's min. free area requirement:

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 screens.

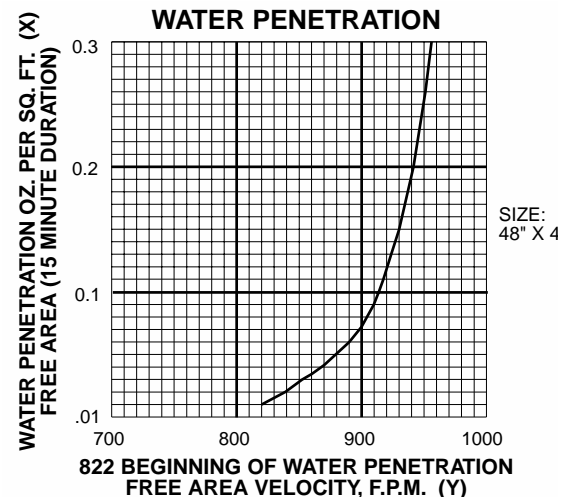
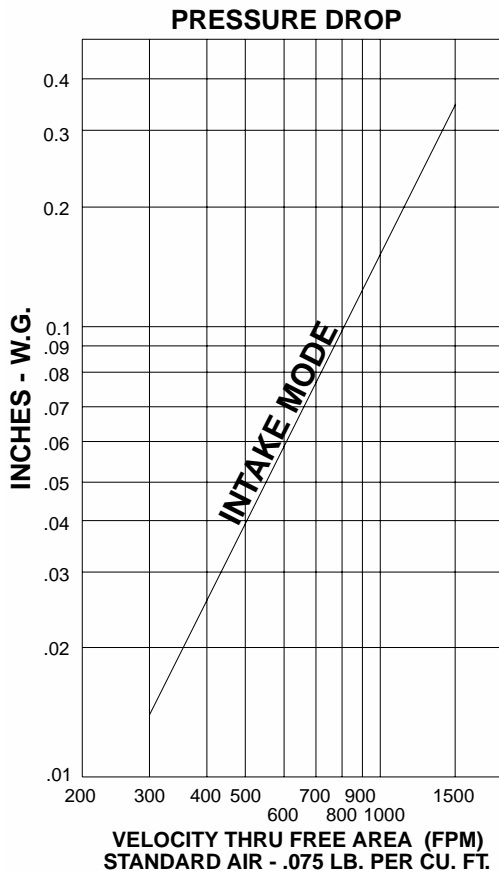


***Note:** Opening size is normally 1/4" larger than louver size. Structural support of louver in opening by others. Screen adds approximately 1/2" to depth.

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

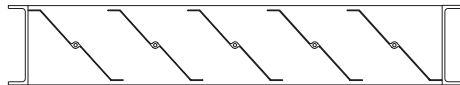




COMPOSITE FAN TECHNOLOGY

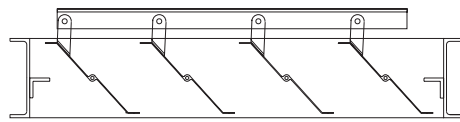
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Model SBK6
 Model SB4



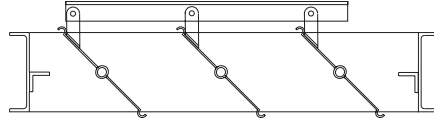
45° Stationary

Model ABK6
 "K" Style



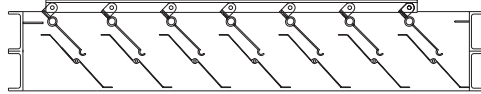
45° Adjustable

Model ABF6
 "F" Style



90° Adjustable

Model ABFA
 "FA" Style



Combination
 Stationary &
 Adjustable

FRP LOUVERS

STANDARD FEATURES

- 304 stainless steel hardware
- 6" channel frame, 1/4" thk. (Model ABFA available in 12" only). Model SB4 has 4" frame. HETRON 99P® polyester resin (FL 25) in blades
- Blades of pultruded single piece construction
- Pivots and bearings of fiberglass reinforced polypropylene
- Linkage - fiberglass reinforced polypropylene brackets and FRP control arm
- Standard gray color
- Blade Spacing 6" (Model SBK6, ABK6, and ABFA only)
- Blade spacing 9" (Model ABF6 only)
- Blade spacing 2-1/4" (Model SB4 only)

OPTIONS CHECKLIST

- HARDWARE**
- 316 stainless steel
 - Other _____
- SCREEN**
- 1/2" polyethylene mesh
 - polyethylene insect screen
 - stainless steel screen
- MISCELLANEOUS**
- Capping strips
 - Stop pin
 - Mullion covers
 - Other _____

OPERATORS

- Manual locking quadrant
- Chain - operated
- Motor - operated (consult factory)

FREE AREA CHART - SQ. FT. (SBK6 ONLY)

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

Specifications

6" Stationary Blade Louver

Furnish _____ each, size _____, 6" Stationary Blade Louver purchased from Composite Fan Technology.

Unit shall be constructed of isophthalic 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).

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

6" Adjustable Blade Louver

Furnish _____ each, size _____, 6" Adjustable Blade Louver purchased from Composite Fan Technology.

Unit shall be constructed of isophthalic 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. Blades shall open to (45°, 90°).

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).

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

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REPRESENTATIVE

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