

FREE AREA CHART - SQ. FT.					
HEIGHT	WIDTH (INCHES)				
(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	7.972	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.

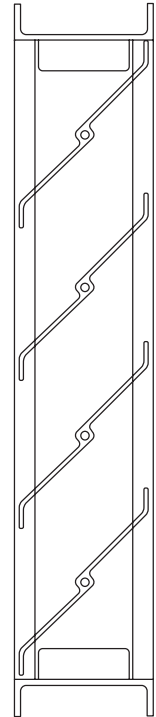
To determine minimum free area required for the louver:

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

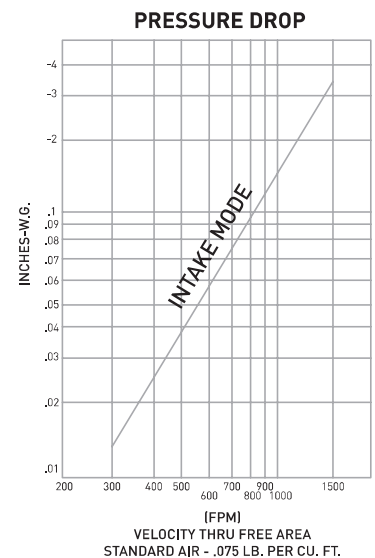
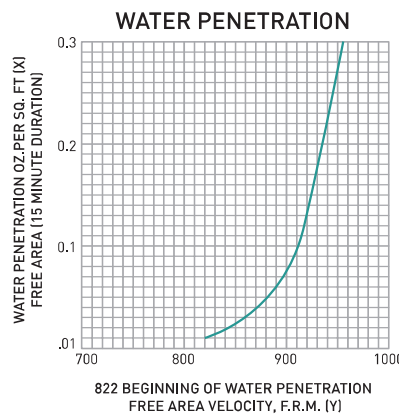
Note: Performance ratings do not include the effect of a birdscreen



Resolite certifies that the Series SBRK6 louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings.



STANDARD FEATURES	
<b>Construction</b>	Hetron ggp® isophthalic poly-est:=r resin with a flame spread of 25* or less, UV stabilizers, CM/ Barrier
<b>Frame</b>	6" deep channel, 1/4" thickness
<b>Blades</b>	"K" style, 1/8" thickness
<b>Hardware</b>	304 stainless steel
<b>Minimum Size</b>	12" wide x 24" high
<b>Maximum Size</b>	60" wide x 120" high
<b>Colors</b>	Stone White, Gray or Beige
OPTIONAL FEATURES	
<b>Hardware</b>	316 stainless steel
<b>Screen</b>	1/2" polyethylene mesh (stock) 3/4" polyethylene mesh polyethylene insect screen 1/2" stainless steel
<b>Mullion Covers</b>	For multiple installations
<b>Special Color</b>	(Minimum quantity requirements)



### Specification

1. Wall louvers shall be ResoFLO fiberglass reinforced polymer louvers by Resolite, Stabilit America.
2. Glass reinforcement for the louver frame and blades shall include unidirectional filaments to provide high tensile and flexural properties and overall section stiffness. In addition, continuous strand mat shall be included to contribute to the transverse properties of the louver. Glass content shall be approximately 40% by weight. C/W Barrier shall be on all surfaces to provide a resin rich surface to increase corrosion resistance and UV protection.
3. Resin shall be high quality isophthalic halogenated polyester equivalent to Hetron 99P®, having a flame spread classification of 25\* or less. Additional protection shall be provided with the use of UV stabilizers.
4. Finish shall be smooth.
5. Color shall be \_\_\_\_\_ (Stone White, Gray or Beige) and coloring shall be achieved through the use of pigments impregnated through the entire profile.
6. Fiberglass reinforced polymer wall louvers shall bear the AMCA Certified Ratings Seal for air performance and water penetration. Published performance data must be submitted for approval prior to fabrication. Pressure drop and water penetration must be equal to or less than Resolite ResoFLO Model SBRK6.

### Stationary louver, model SBRK6 45°

1. Louver profiles shall meet or exceed ASTM physical and mechanical properties. A copy of the testing shall be submitted for approval.
2. Louver frames shall be 6" deep channel type and shall be 1/4" minimum thickness.
3. Louver blades shall be "K" style design and shall be 1/8" minimum thickness.
4. Hardware shall be 304SS.  
(316SS is optional)
5. If required, birdscreen shall be polyethylene mesh mounted in removable PVC frames with a minimum free area of 80% of gross area.

### Adjustable louver, model ABRK6 45°/90°

1. Louver frames shall be 6" deep channel type and shall be 1/4" minimum thickness.
2. Louver blades shall be "K" style design and shall be 1/8" minimum thickness.
3. Hardware shall be 304SS.  
(316SS is optional)
4. Louver blades shall be adjustable to 45° or 90° (select one) and shall pivot in fiberglass reinforced polypropylene bearings. Fiberglass reinforced polypropylene pivots shall be minimum of 5/8" diameter. All linkages and brackets shall be fiberglass reinforced polypropylene. Control arms shall be of fiberglass construction.
5. Louver blades shall be operated in the following manner:
  - fiberglass thumbscrew locking quadrant
  - pull cable operation (vinyl-coated cable)
  - electric motor operation

### Proven FRP Resin System

Resin is the heart of all fiberglass reinforced polymer materials. That's why Resolite chose the same family of light-stabilized resins for ResoFLO Louvers that are utilized in manufacturing its well-known corrosion resistant FS25A / CRFS25A and high-strength Tred-Safe FRP wall and roof panels.

\*Resolite advises that the numerical flame spread classification is not intended to reflect hazards presented by this or any other material under actual fire conditions.

The information contained herein is not intended to be used for design purposes. Resolite reserves the right to change or withdraw such information, or the designs and details of the products upon which it is based, either wholly or in any portion thereof, without further notice. Specific information required for design and detailing of specific jobs is available upon request from Resolite Customer Service.

**Color Notice** - Polyester resin products are subject to discoloration when exposed to atmosphere and environmental conditions. Accordingly, seller assumes no liability and expressly disclaims any responsibility for any loss or damage, direct, indirect, or consequential; or for any change of color for any polyester resin product.