

Fiberglass Fixed Louvers

SUPERIOR CORROSION RESISTANCE • MADE IN THE USA

About VPC Louvers

VPC Fiberglass louvers provide effective air intake, exhaust, pressure relief control, and long service life for corrosive applications with demanding architectural, structural, and environmental conditions. Our fiberglass (FRP) louvers are manufactured using a highly corrosive chemical resistant and isophthalic fire-retardant resin with a UV inhibitor, providing the strength and durability to meet the most extreme requirements for your application.



Standard Construction

Construction: Pultruded FRP in accordance with ASTM D4385, all resin is fire retardant with a class I flame spread of 25 or less, C-glass surface veil on airstream, all exterior surfaces contain UV inhibitor.

Frame: 6" heavy-duty C-Channel.

Blade: 45° "k" style 0.25" thick, Spaced 6" center-to-center.

Temperature Limit: 200°F

Hardware: 316 stainless steels.

Color: Standard finish gray color. Additional colors available upon request.

Sizes: Available in Standard and Custom Sizes

- Minimum Size: 12" W X 12" H
- Maximum Single Section Size: 72" W X 72" H

Features

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

Mounting: Angle mount or Flange Mount available.

MARKETS WE SERVE



WATER & WASTEWATER



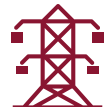
PULP & PAPER



CHEMICAL



OIL & GAS



POWER

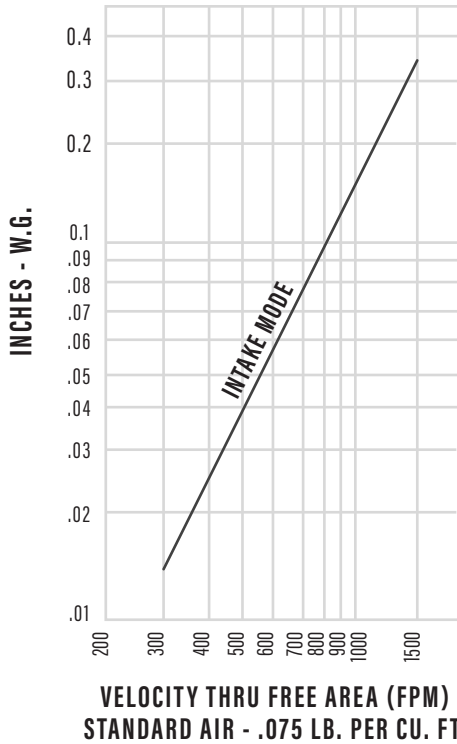
Virtual Polymer Compounds | VPC Fiberglass

PH 585.735.9668 FX 585.735.9965
2410 North Forest Road
Getzville, NY 14068

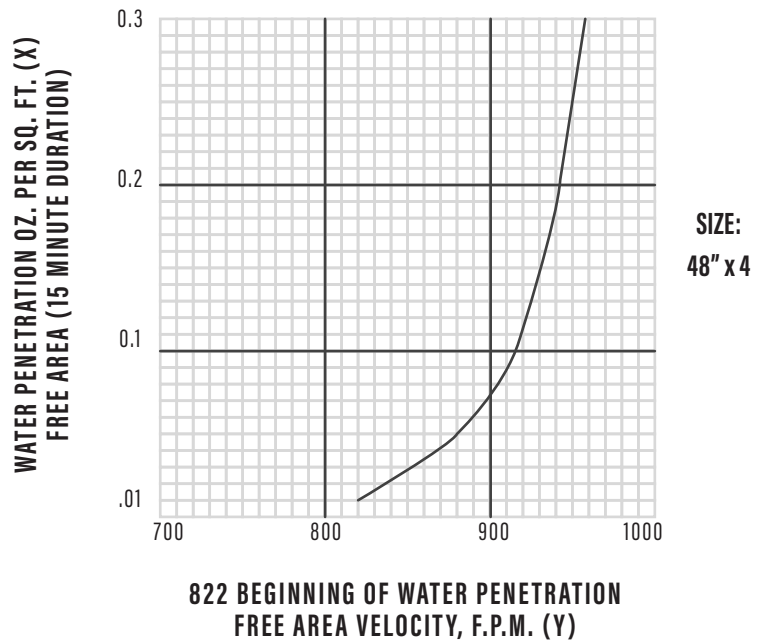
Production Facility
222 South Niagara St.
Lockport, NY 14094

Production Facility
10478 Ridge Road
Medina, NY 14103

PRESSURE DROP



WATER PENETRATION



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

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.

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