



AIR FLOW TECHNOLOGY

Filtration Group®



FILTRAIR FR-1 CROSSDRAFT & DOWNDRAFT INTAKE PANEL

Filtrair's FR-1 self-supported filter panels and links are designed to provide premium intake air filtration in Paint Spray Booths in the automotive refinishing and industrial finishing markets.

The FR-1 panel is Air Flow Technology's high quality solution for crossdraft and downdraft intake applications. It is constructed of 100% polyester media impregnated with a non-migrating tackifier. This sturdy combination results in a filter that eliminates fiber migration or filter media oscillation during operation.

Multi-Layer Design - Filtrair's FR-1 panels and links consist of 2 distinct layers of media combined with a non-migrating tackifier plus a scrim backing that results in more than 90% filtration efficiency on particles 10 microns and greater. It is rated UL900, Class 1, and is temperature resistant up to 212°F with peaks to 250°F.

Leak-proof Seal - When installed, the media compresses to form a perimeter seal preventing the introduction of paint damaging particulate to the spray booth area.

Sturdy Dual Wire Construction - The internal support frame minimizes filter media vibration and reduces the risk of particle migration downstream.

Available Styles and Sizes

Air Flow Technology's Filtrair FR-1 Crossdraft and Downdraft Intake panels and bifolds are offered in the following range of standard sizes in various carton quantities. Custom sizes are available upon request. The FR-1 is also available in standard or custom size blankets.



	Panel	Bifold	Single Frame
FILTER	20" x 20"	20" x 46"	20" x 46"
SIZE	20" x 25"	20" x 48"	20" x 48"
	24" x 24"	20" x 50"	

PERFORMANCE DATA

Air Flow Technology provides independent test data on particle size efficiency and initial resistance to rated air flow on all of its paint filtration products. This information is provided to assist you in the proper selection of a filter system for your particular application. Whether your requirement is low static pressure (resistance) or high performance, you can depend on the independent data provided to guide your selection process to the proper Air Flow Technology product.

Independent Test Data

Rated Air Flow*

Initial Resistance*

Efficiency on particles 10 microns or greater*

Unit

fpm

"w.g.

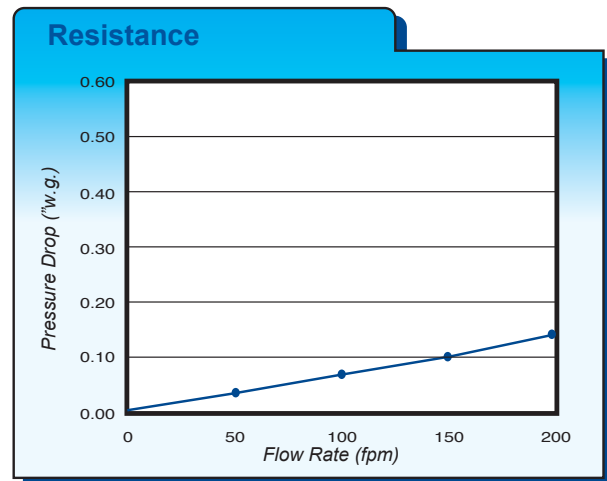
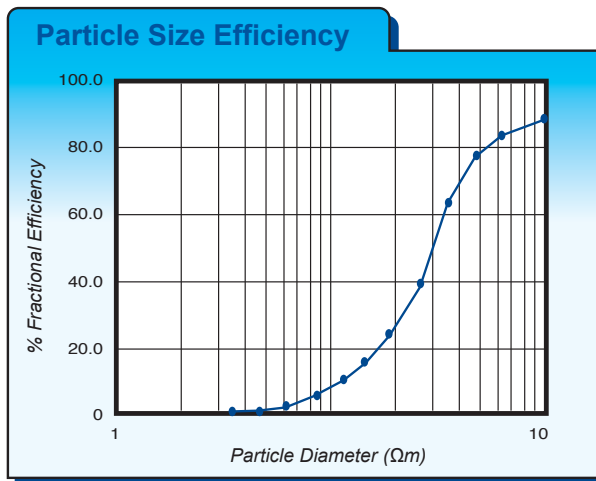
%

Results

100

0.08

90+



*20" X 20" filter tested per ASHRAE 52.2, Test Aerosol KCl, Neutralized. This test data is based upon clean filter performance. All filters increase in efficiency with dust loading.

Overspray Collection Options:

When optimum performance is the highest concern, Air Flow Technology offers the Filtrair 560 G, which provides 99%+ efficiency on 10 microns.

For other quality HVAC, Industrial Finishing, and Paint Spray Booth Filtration Products, refer to HVAC Filtration All Product Bulletin HPB1, and Paint Spray Booth Filtration All Product Bulletin PPB1.



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