

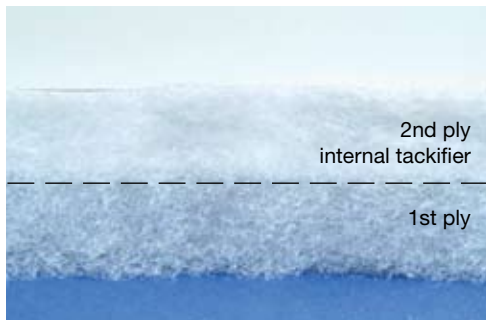
## FR-1

### Crossdraft & Downdraft Intake Panel

Air Flow Technology'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 intake applications. It is constructed of 100% polyester media impregnated throughout with a non-migrating tackifier. The 2 ply media is heat-sealed to a 9 gauge internal support frame. This sturdy combination results in a filter that eliminates fiber migration or filter media oscillation during operation.

**Multi-Layer Design** - FR-1 panels and links consist of **2 distinct layers** of media combined with a non-migrating tackifier 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 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.

	Panel	Bifold	Single Frame
Filter Size	20" X 20" 20" X 25" 24" X 24"	20" X 46" 20" X 48" 20" X 50"	20" X 46" 20" X 48"

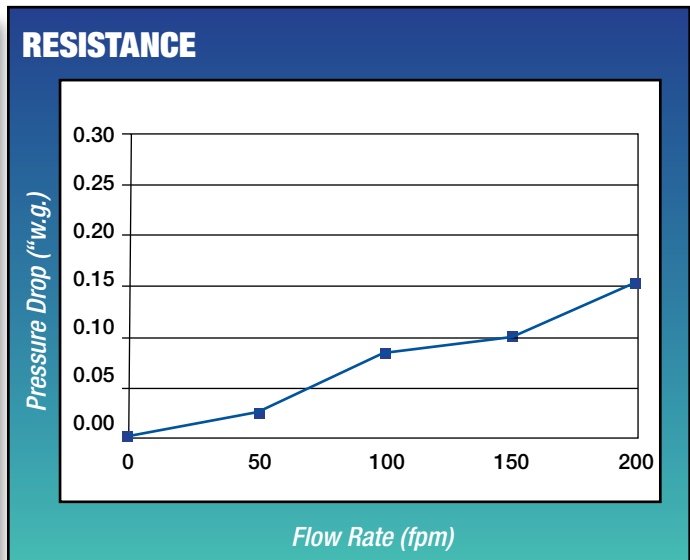
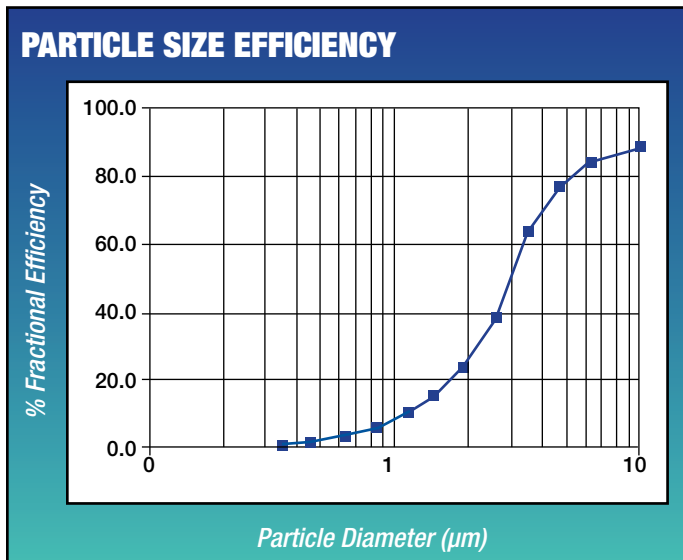
# Performance Data



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 applica-

tion. 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 AFT product.

<i>Independent Test Data</i>	<i>Unit</i>	<i>Results</i>
<b>Rated Air Flow*</b>	<b>fpm</b>	<b>100</b>
<b>Initial Resistance*</b>	<b>"w.g.</b>	<b>.09</b>
<b>Efficiency on Particles 10 microns and greater*</b>	<b>%</b>	<b>90+</b>



\*Filter tested per ASHRAE 52.2, Test Aerosol KGI, Neutralized. This test data is based upon clean filter performance. All filters increase in efficiency with dust loading.

## Additional Options:

When optimum performance is the highest concern, AFT offers the AFR-1 Panel - promoting 95+% efficiency on micron particles greater than 7. For even greater performance AFT offers our 1" diffusion media panel promoting 99+% efficiency on 7-10 microns and greater.

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



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