

# AIR FLOW

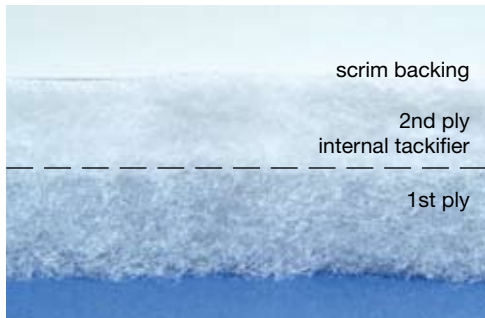
# TECHNOLOGY inc.

## Series AFR-1

### Crossdraft & Downdraft Intake Panel

The Series AFR-1 panel is Air Flow Technology's **scrim backed high quality solution** for crossdraft and downdraft intake applications. It is constructed of 100% polyester media impregnated with a non-migrating tackifier. The 3 ply media with scrim 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** - Series AFR-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 **95% filtration efficiency** on particles **7-10 microns and greater**.



**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** - Air Flow Technology's internal support frame minimizes filter media vibration and reduces the risk of particle migration downstream.

### Available Styles and Sizes

Air Flow Technology's Series AFR-1 Intake panels and bifolds are offered in a complete range of standard sizes in various carton quantities. **The Series AFR-1 is also available in standard or custom size blankets.**

	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"

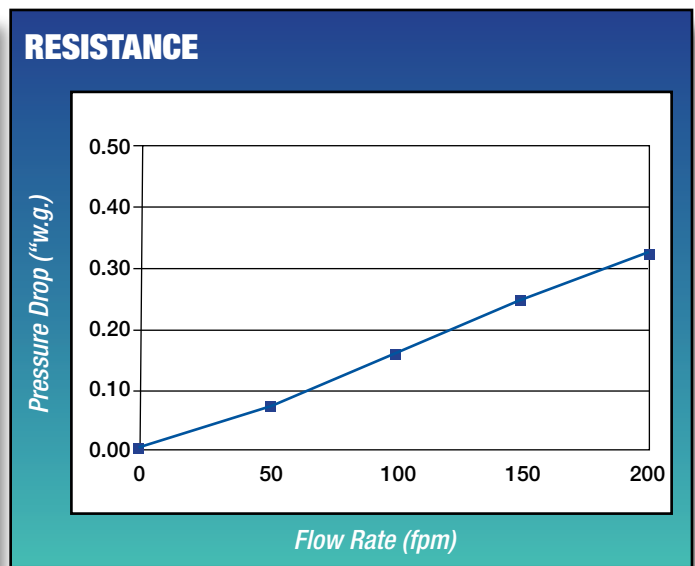
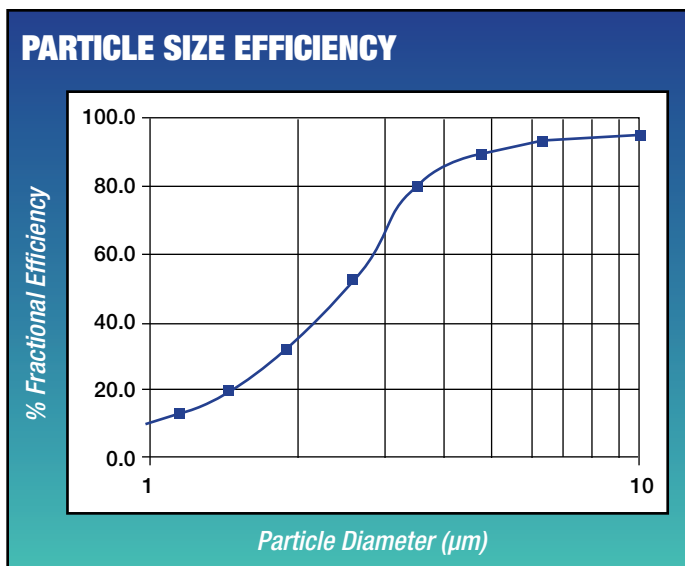
# Performance Data

# Series AFR-1

Air Flow Technology provides independent test data on particle size efficiency and initial resistance to rated air flow on all of its paint spraybooth 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 AFT product.

<i>Independent Test Data</i>	<i>Unit</i>	<i>Results</i>
Rated Air Flow*	fpm	100
Initial Resistance*	"w.g.	.16
Efficiency on particles 7-10 microns or greater*	%	95



\*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.

## Additional Options:

When optimum performance is the highest concern, AFT offers the Series FF560 G panel, which provides 99%+ efficiency on 7-10 microns.

*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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