



## WORTHY OF IMITATION

### TECHNICAL INFORMATION

**Filtration Efficiency** 98.2%\*

**Holding Capacity** 4 lbs/sf (19.53kg/m2)\*

Recommended Air Velocity 49-197 fpm (0.25-1.00 m/s)

Recommended Max Pressure Drop 0.51 in wc (128 pa)  
possible up to 1.03 in wc (256 pa)

### Pressure Drop

0.05 in wc (12pa) @ 100 fpm (0.50 m/s)

0.12 in wc (30pa) @ 150 fpm (0.75 m/s)

0.22 in wc (55pa) @ 200 fpm (1.00 m/s)

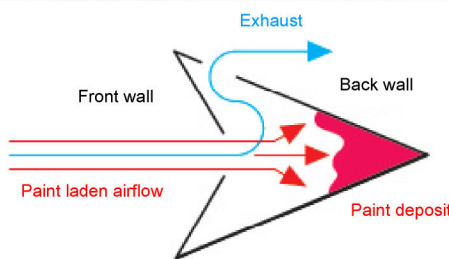
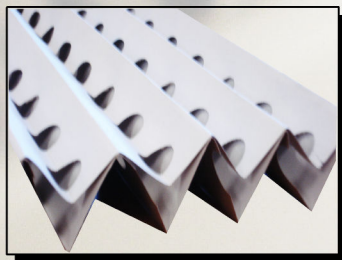


Diagram of the inertia separation principle as depicted in the Standard Filter

- ▽ The front V-shaped wall of the filter prevents overspray bounce back and migration.
- ▽ The deeper V-shape of the back wall is the paint holding pocket.
- ▽ The filter exhaust holes are misaligned to divert the paint laden airflow to the holding pocket while maintaining a constant flow during the loading phase.

\*As tested by the Air Filter Testing Laboratories, Inc.

PART #	COLOR	SIZE	METRICS	FILTERS/BOX	BOXES/SKID	WEIGHT/BOX
AF113	WHITE	39.25" x 33'	1.0 x 10.0m	1	60	21 lbs (9.5kg) ±
AF213	WHITE	20 x 20"	0.5 x 0.5m	40	48	20 lbs (9.1kg) ±
AF413	WHITE	20 x 25"	0.5 x 0.6m	36	48	24 lbs (10.9kg) ±
AF813	WHITE	3 x 30'	0.9 x 9.1m	1	60	17 lbs (7.7kg) ±

\*weight is an averaged estimate; actual weight will vary

### FAQS

- **What is the average filter life of an Andreae Filter?** Filter life depends on many variables unique to the end user. Some variables include: type of coating and amount being sprayed, transfer efficiency, and air flow. With optimum air velocity and recommended pressure drop, the Standard Andreae Filter can last 3-5 times longer than fiberglass, polyester, or expanded paper.
- **Do Andreae Filters only work on paint?** The Andreae Team range of filters are made to capture any wet solids or liquid particles contained in an air stream: high solid enamels, baked and air dried enamels, glues, oils, stains, lacquers, fiberglass, epoxies, asphalts, clear coats, tar, teflon, etc.
- **Why should I convert my spray booth to Andreae Filters?** Converting to Andreae Filters saves you money! Fewer filter changes means less disposal costs, less labor and more production time due to fewer change outs.
- **Why is a high holding capacity essential?** With separation by inertia, the captured overspray is deposited outside of the airflow in the holding pockets. The larger the pocket, the better the holding capacity of the filter. The Andreae Filter has 8 deep holding pockets per linear foot (0.3m).
- **What happens if the filter is over-extended?** The accordion shape concentrates a large number of pockets and holes per square foot (0.09m<sup>2</sup>). This principle maintains a low static pressure and high holding capacity. Over-extension dramatically increases the static pressure and reduces filter life. Ideal installation is 8 pleats per foot (0.3m). Andreae Filters are equipped with an extension limiter to prevent over-extension.

