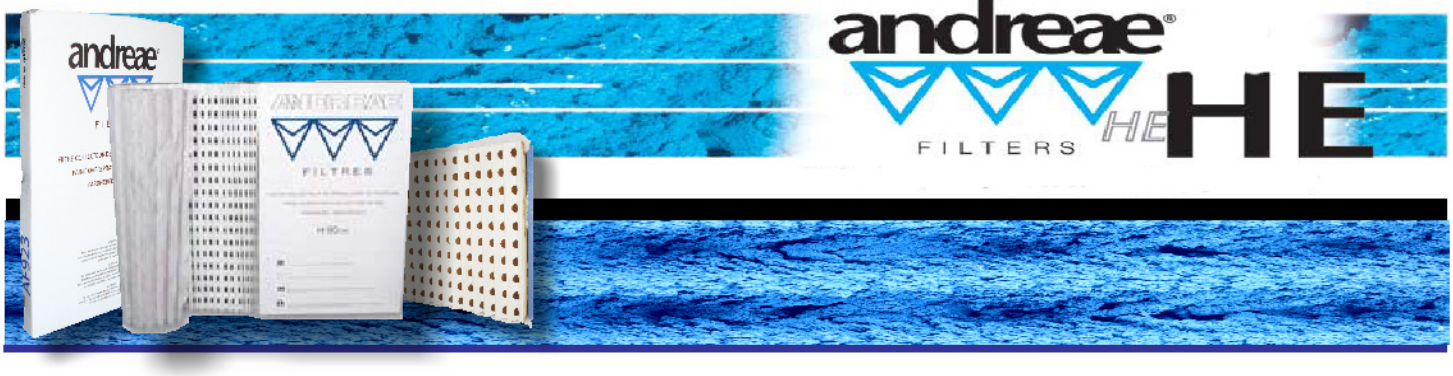


andreae® FILTERS HE HE

TECHNICAL INFORMATION

Filtration Efficiency **99.4%***

Holding Capacity **5.3 lbs/sf (25.87 kg/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

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

0.15 in wc (37 pa) @ 150 fpm (0.75 m/s)

0.25 in wc (62 pa) @ 200 fpm (1.00 m/s)

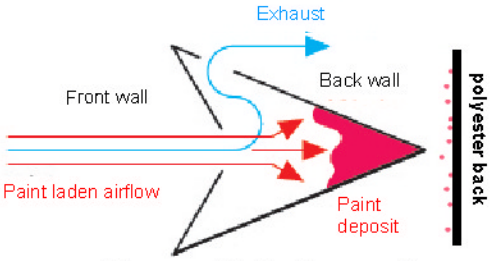
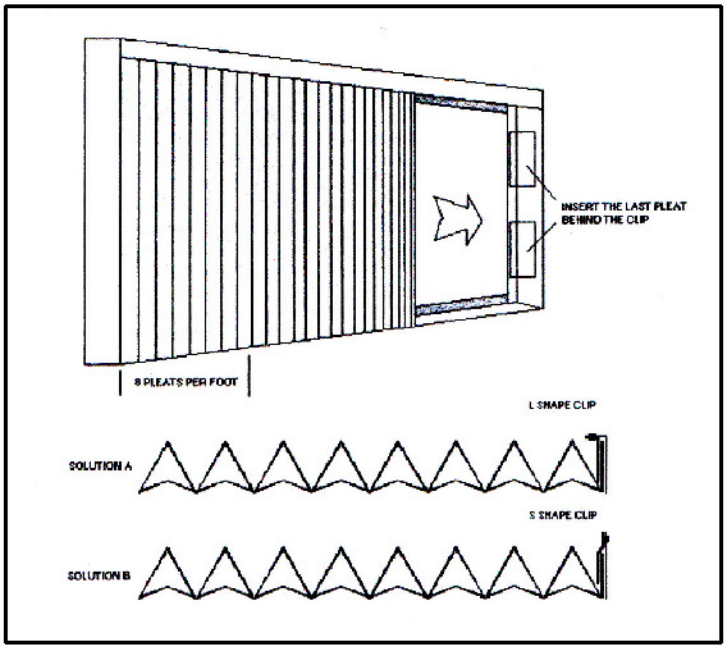


Diagram of the inertia separation principle as depicted in the HE+ filter

- The front V-shaped wall of the filter prevents overspray bounce back.
- The deeper V-shape of the back wall captures overspray and deposits it outside of the airflow in the paint holding pockets.
- The position of the holes forces the airflow to change directions along three axes, causing multiple impaction points while the added layer of polyester captures smaller particles.

**As tested by Air Filter Testing Laboratories, Inc. 2011*

CHANNEL FRAME INSTALLATION



Do not over-extend the filter. Optimum extension is 8 pleats per foot (26 pleats per meter). Over-extension increases static pressure and reduces filter life.

1. Cut filter length to fit frame opening:
(8 pleats/foot or 26 pleats/meter, marked in blue on bottom of filter) count marks to length of frame opening and cut (i.e. 10' wide frame opening, count 10 marks and cut on the 10th mark or 3m wide frame opening, count 3 marks and cut on the 3rd mark).

To cut, slide knife under pleat (and polyester if cutting the HE). After knife is in position, firmly grasp the filter and lift knife.

Note: you will cut through two paper layers (plus polyester in the HE). Pinch the pleats on either side beneath the knife for additional control while cutting.

2. Gather filter into a tight accordion for easy transport. Slide filter into frame, white side facing toward spray gun. Release.

3. Tuck first and last pleats behind clips on each end of exhaust frame.

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