

Two Stage Spray Eliminator (SE2 ATOM)

Designed for use within the most extreme and demanding environments such as those found in Offshore, Nuclear and Military applications.



Two Stage Spray Eliminator & Blast Protection

The SE2 Atom is a two stage filtration solution consisting of a single stage vane separator followed by a coalescing panel filter, which can be accessed either from the side or rear.

Features & Benefits

- Blast + rain/sea + dust/salt protection
- Seismic resistant
- Excellent bulk water removal through its opening range
- Easy maintenance
- Sizes to suit application

Technical Information

Performance

- SE2 operates at over 99% removal of 2.5-micron water particles
- Blast testing information
- Salt removal in excess of gas turbine limits of 0.01ppm
- Coalescer performance for dust ePM10 55% to ISO 16890 / M5 as per EN779(CP5)

Materials of Construction

Casing and Flanges:

Materials

Stainless Steel 304L/316L (1.4307/1.4404)

Thickness

5 mm

Finish:

Natural

Construction

Joining or adjacent edges shall be fillet or butt welded in accordance with Wozair's Welding Procedure Specifications (WPS)

SE Profile Vane:

Materials

Stainless Steel 304L/316L (1.4307/1.4404)

Thickness

0.6mm (24 gauge U.S.G.) thick roll formed from foil

Installation

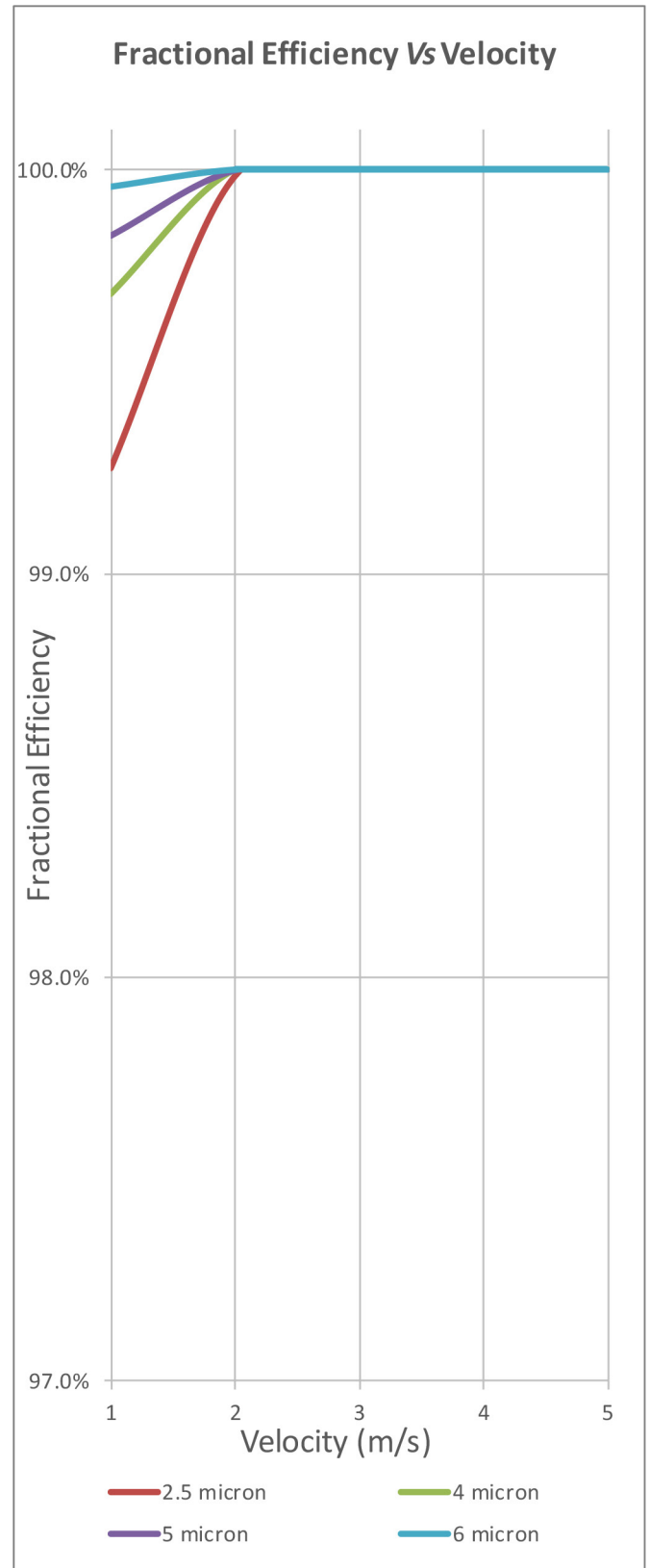
Typical installation arrangement:

- Double Flange (In Duct) Mounting

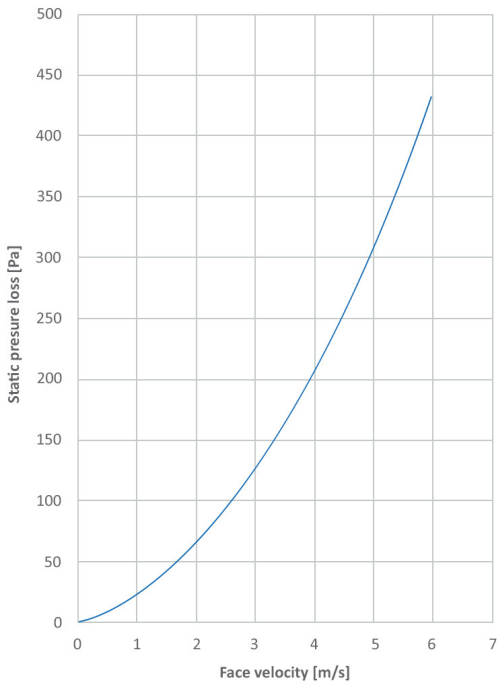
Flange dimensions and drilling patterns may be manufactured to customer specifications or to industry standards such as EN ISO 15138.

Performance & Efficiency

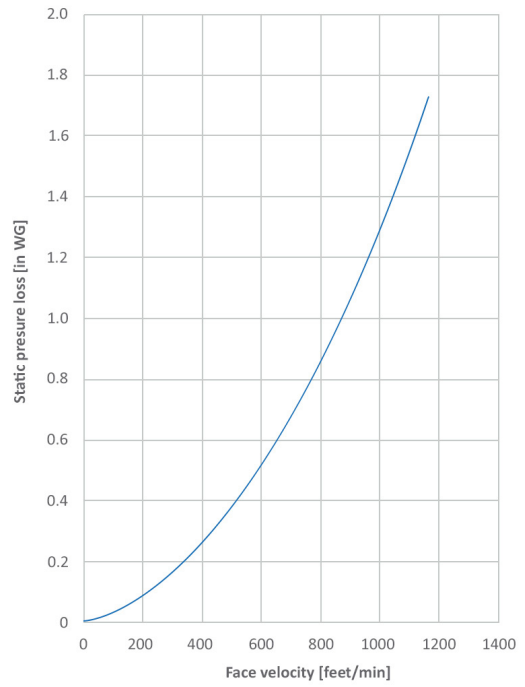
Wozair's performance and efficiency data has been independently verified by an independent testing laboratory and is proven to meet the highest of industry standards.



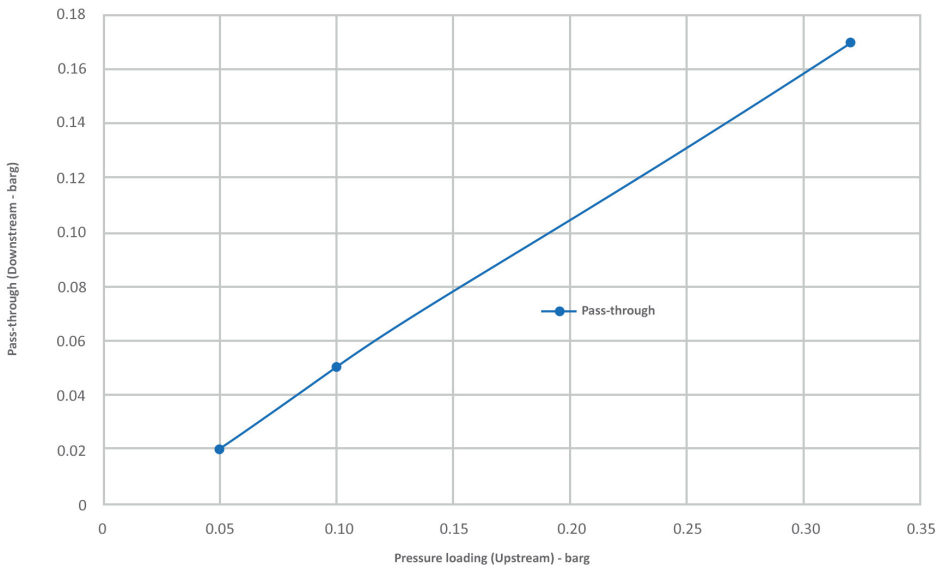
**Initial pressure loss (Pa)
for SE2 eliminator**



**Initial pressure loss (in WG)
for SE2 eliminator**



Long Duration Blast Testing



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