Veotec Two Stage Spray Eliminator (SE2)

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





Two Stage Spray Eliminator

The SE2 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

- Unparalleled water and dust/salt stopping ability
- Excellent bulk water removal through its opening range
- Low pressure loss
- Easy maintenance
- Custom drainage available
- Sizes and construction to suit application

Applications

- HVAC intakes
- Engine room intakes/exhaust
- Gas turbine intakes

Technical Information

- 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) Aluminium 5083

Thickness

1.5 - 3.0 (Overall size and application dependent)

Finish: Natural

Construction

Flanges manufactured from 2 x casing thickness spot welded together on a regular and even spacing

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

Casing thickness shall depend upon the overall size and application of the separator and shall be stated on the General Arrangement Drawing unless otherwise specified

SE Profile Vane:

Materials Stainless Steel 304L/316L (1.4307/1.4404) Aluminium 6063 T6 Acrylonitrile styrene acrylate (ASA) Rigid Polyvinyl Chloride (RPVC)

Thickness

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

Other Materials:

Filter Media: Polypropylene

Vane Spacers: Hydraulically expanded Stainless Steel tube

Internal Foam: Polyether open cell

Name Plate: Stainless Steel 316L or Traffolyte

Installation

Typical installation arrangements include:

- Front Flange Mounting (Through Bulkhead)
- Rear Flange Mounting (On Bulkhead)
- Double Flange Mounting (Duct)

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.









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