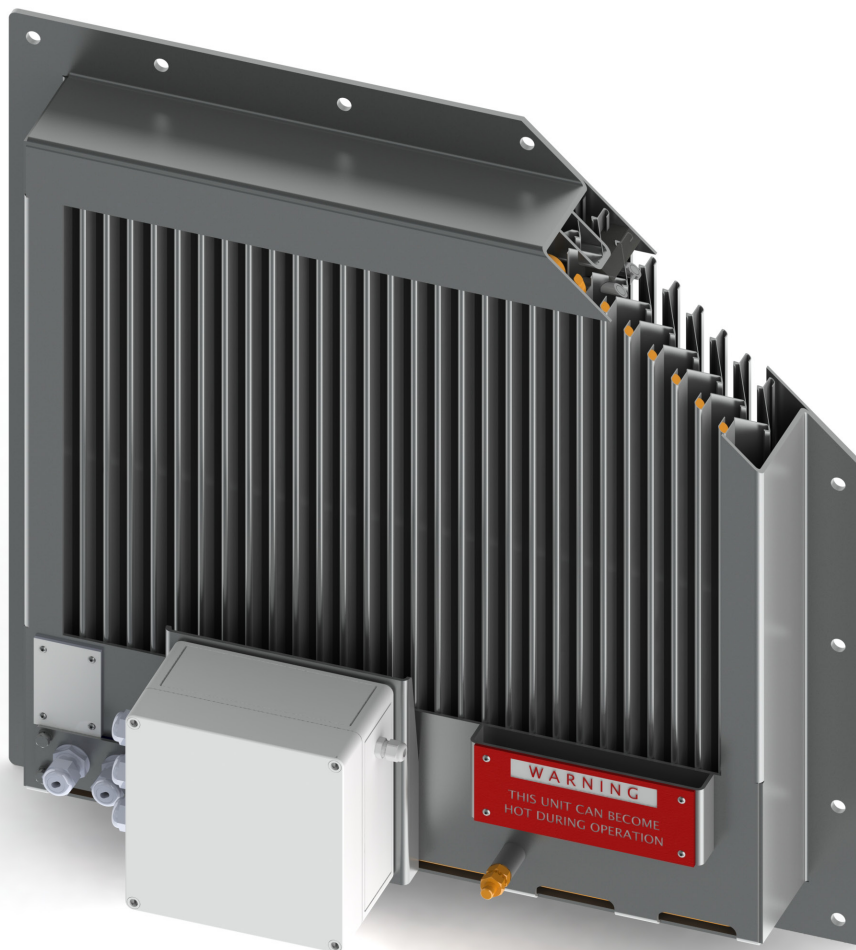


Veotec Spray Eliminator - Trace Heated (SE1TH)

SE1TH heated inlet vanes provide field-proven protection with turbine installations operating in some of the world's most aggressive environments.



Spray Eliminator - Trace Heated

SETH Trace Heated inlet vanes prevent inlet icing for power generation, oil and gas, HVAC equipment, ventilation systems, and diesel engines.

These heated vane inlets provide anti-icing protection in freezing conditions preventing any harmful build-up of snow or ice. SETH vane Separators efficiently remove sea spray, mist, drift, rain droplet, bulk water, salt and other fine deliquesced aerosol debris from air intakes.

Each Vane is Trace Heated giving a uniform temperature rise across the whole area. We can supply individually thermostatically controlled units or there can be a central control. The system can be Safe or Hazardous-Area rated to suit the client requirements.

If whole system Trace Heating is not required, Wozair can also just Trace Heat the drain trough and pipes to prevent any standing water freezing.

Features & Benefits

- Removes rain / sea spray from the air
- High efficiency
- Low pressure losses
- Low maintenance
- Custom drainage available
- Works effectively up to 5.0m/s
- Safe or hazardous area rated
- Sized to suit application

Materials of Construction (Casing)

Materials

Stainless Steel 316L / DIN 1.4404
Stainless Steel 304L / DIN 1.430
Aluminium 5083 or equivalent

Finish:

Natural

Construction

Joining or adjacent edges shall be fillet or butt welded in 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 (3mm casing thickness also available)

Materials of Construction (SE Profile Vane)

Material

Stainless Steel 316L / DIN 1.4404

Finish

Natural (Brushed 180 grit prior to forming)

Construction

0.6mm thick roll formed from coil

Material

Stainless Steel 304L / DIN 1.4307

Finish

Natural (Brushed 180 grit prior to forming)

Construction

0.6mm thick roll formed from coil

Material

Aluminium 6063 T6

Finish

Natural

Construction

1.5mm thick extrusion

Materials of Construction (Other)

Vane Spacers

Polyamide (Plastic) Injection Moulded

Internal Foam

Polyether Open Cell Foam

Name Plate

Stainless Steel 316L or Traffolyte

Internal Sealing

Sikaflex S221

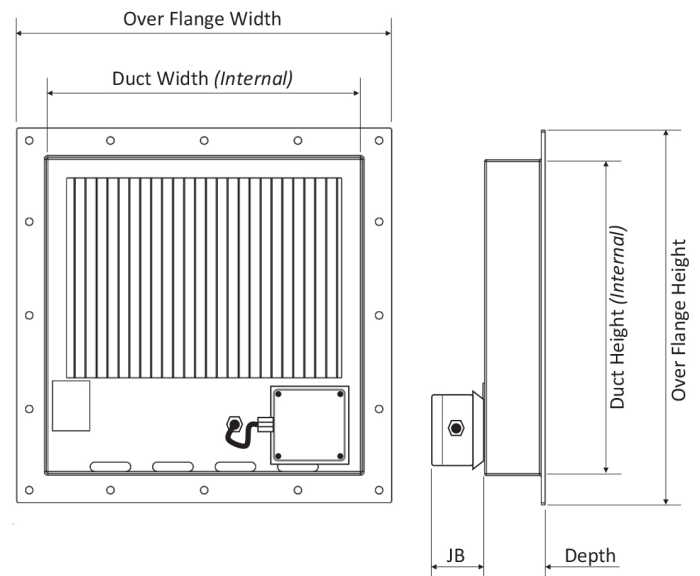
Installation

Typical installation arrangements include:

- Front Flange (through Bulkhead) Mounting
- Rear Flange (on Bulkhead) Mounting
- Double Flange (in Duct) Mounting

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

Dimension Drawings



**Maximum width of individual section = 2000mm, Maximum height of individual section = 3000mm. Dimensions outside of those stated above shall be considered but shall be subject to technical review. Efficiency may vary with vane material.



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