

Wide ME

Wide ME high efficiency Air Intake Demister

We have named this product "Max Efficiency" due to the extremely high separation capacity and the low air pressure drop (46 Pa at 4 m/s). This demister represents the best capacity you can get over the working range from 2 m/s up to 6 m/s – providing design flexibility and superior operational economy. The patented multi-ridge inertial separator vane also makes the demister very robust and reliable in stormy weather conditions and marine use.

Wide ME meet class A (highest class) for rain water effectiveness in accordance to EN13030

Material: Seawater resistant aluminium AA6063.

Protect your intake system and machinery.

The efficient removal of water and salt keeps your intake system clean, protects your machinery and reduces general maintenance.

Wide ME – the best protection you can give your filters.

Dry filters are better filters! Keep your filter dry to achieve reduced pressure loss, increased filter efficiency and increased filter life. The result is reduced filter cost and improved air quality!



Ship/ Marine

- Compact design
- Handle large amount of sea spray
- Hinged design is possible
- Vane orientation for port side or starboard side
- Painting to any RAL color



Offshore

- High efficiency, maximal protection against water
- Meet all requirements in ISO15138
- Meet all requirements in Statoil TR1562

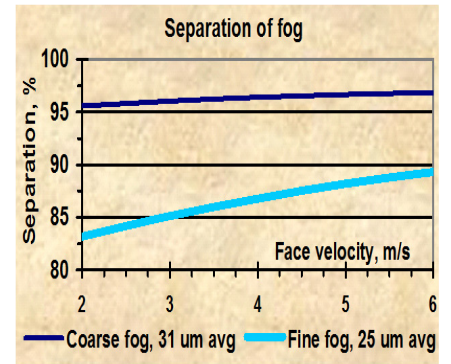
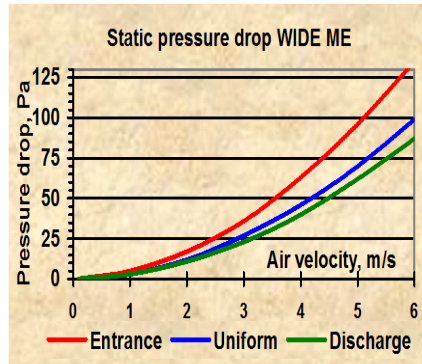
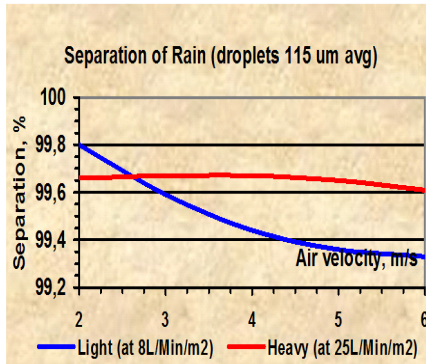


Container

- Custom product range that provides flexibility within standard sizes
- Flanges cut and drilled to customer specifications



Technical Data



Separation efficiency for Rain and Fog tested in accordance to test procedures developed for Wide Inertial Separators at SINTEF Energy Research, Norway. Rain and Fog are used as specific terms related to droplet size and distribution in the test arrangement. Higher water loads (in number of droplets) give higher separation efficiency.

Separation for rain and pressure drop are tested by SP Swedish National Testing and Research Institute in accordance with SS EN 779 and 13030.

Wide ME is available in theft-proof version, tested in accordance to NS EN 1627:2011 RC4



ME for 6 m/s

m3/t

H \ W	500	1.000	1.500	2.000	2.500	3.000	3.500
500	3311	7.847	12.383	16.919	21.455	25.991	30.527
750	5282	12.518	19.754	26.990	34.226	41.462	48.698
1.000	7253	17.189	27.125	37.061	46.997	56.933	66.869
1.250	9224	21.860	34.496	47.132	59.768	72.404	85.040
1.500	11195	26.531	41.867	57.203	72.539	87.875	103.211
1.750	13166	31.202	49.238	67.274	85.310	103.346	121.382
2.000	9663	30.399	51.135	71.871	92.607	113.343	134.079
2.250	10921	34.357	57.793	81.229	104.665	128.101	151.537
2.500	12179	38.315	64.451	90.587	116.723	142.859	168.995
2.750	13438	42.274	71.110	99.946	128.782	157.618	186.454
3.000	14696	46.232	77.768	109.304	140.840	172.376	203.912
3.250	15954	50.190	84.426	118.662	152.898	187.134	221.370
3.500	17212	54.148	91.084	128.020	164.956	201.892	238.828