

Wide ME-(B)



Wide ventilation louver ME-(B) have vertical vanes, ensuring high separation of fog and water and simultaneously low pressure drop. The air intake demister has an integrated drip tray draining out water trapped in the air intake. The water is led through drain connections to either outside or inside of the building. Optimal performance is obtained with an airspeed between 0 and 6 m/s. Version -(B) is a lighter version developed especially for building HVAC systems. Max airspeed is limited to 4 m/s. The louver is made from extruded marine aluminium AA6063T6 profiles.

Two executions, Extreme and Medium

The louver has been tested in accordance with NS-EN13030 by 3rd party and satisfies the requirements for rain separation class A by a good margin. For air speeds from 0 to 6 m/s, the separation rate for Extreme is 100%, for Medium 99,5%. ME-B satisfies pressure loss class 2 as air inlet, and class 1 as air outlet. Fog and droplet separation for Extreme is 100% and Medium 97,2%. (NB! Applies to air speeds > 2 m/s).

Efficient coarse filter

The design of the grooves on the vanes mean that they also capture particles >100µm. The louver therefore functions as a coarse filter, providing better conditions for the fine filters in the aggregate unit. The louvers are delivered in dimensions adapted to each individual project. We have short delivery times - directly from our workshop in Norway.



Wide ME-(B)
Our most robust exterior wall louver can handle harsh weather best. Designed for Norwegian weather conditions!



Den Norske Opera



Equinor, Stavanger

Special executions:

- FG burglarproof acc. to EN1627, RC3 og RC4
- Painted in all RAL codes
- Hinged louver, also with directly mounted pocket filters
- Special geometries possible, even circular
- Flush or Nose installation



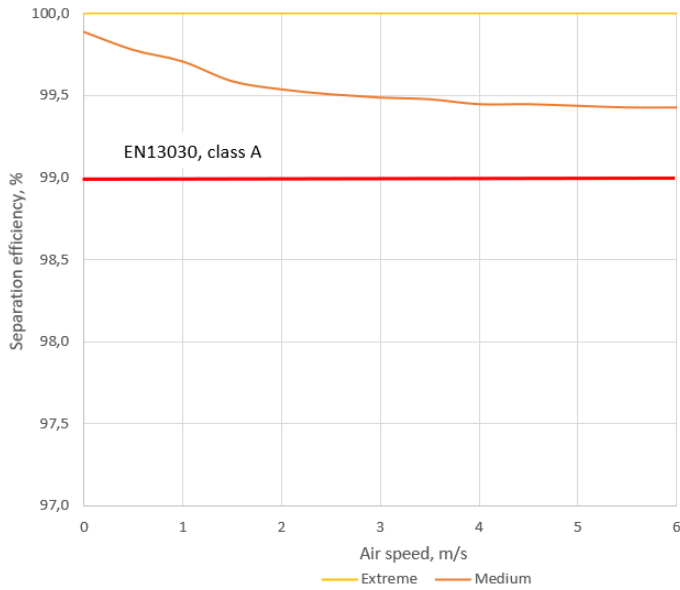
www.wide.no



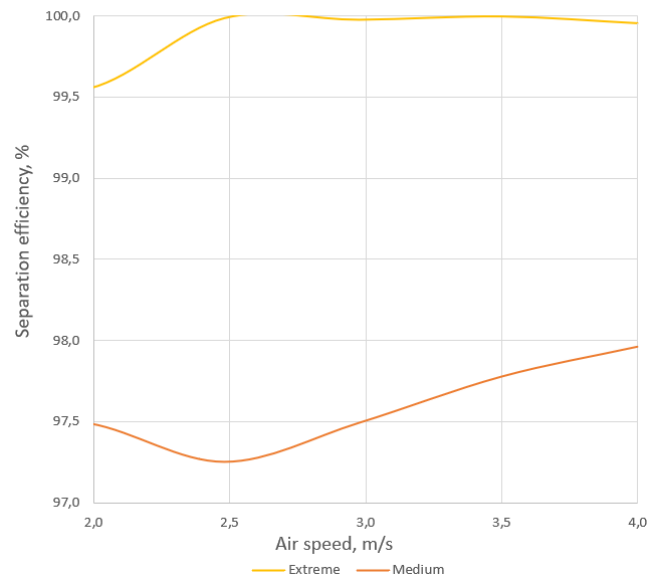
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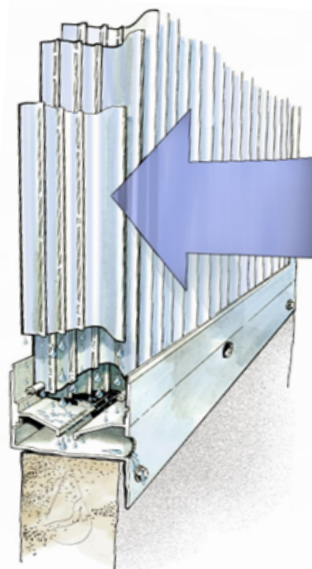
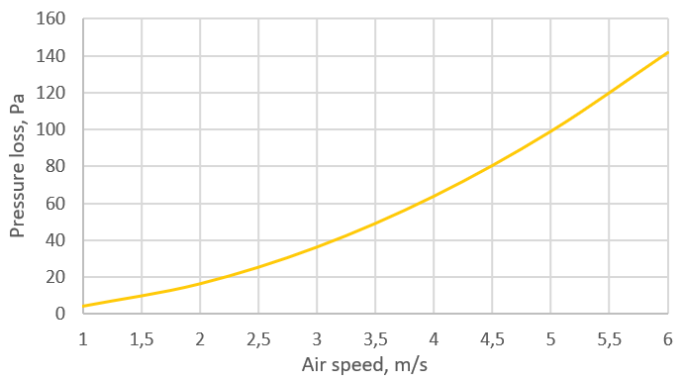
Rain separation efficiency ME-B acc. to NS-EN13030



Separation efficiency for "simulated fog"



Total pressure loss ME-(B), air inlet



Vertical vanes ensure the best rain separation and lowest possible pressure drop.

Detailed technical documentation follow our quotes and orders.

Drawings can be supplied in 2D or 3D.

Table shows capacity (m³/h) @ 2,5 m/s for ME-B. Dp 26Pa.

H \ W	500	1000	1500	2000	2500
500	1.482	3.246	5.010	6.774	8.538
600	1.860	4.074	6.288	8.502	10.716
800	2.616	5.730	8.844	11.958	15.072
1000	3.372	7.386	11.400	15.414	19.428
1200	4.128	9.042	13.956	18.870	23.784
1400	4.884	10.698	16.512	22.326	28.140
1600	5.640	12.354	19.068	25.782	32.496
1800	6.396	14.010	21.624	29.238	36.852

NB! For heights > 1800mm, the louver must be split or have extra drippan. To find capacity for other dimensions, go to www.ristkalkulator.no



www.wide.no

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