

Our objective is to keep it dry



A.S. WIDE is a Norwegian engineering, production and sales company that specialises in water droplet elimination technology. We are located with our engineering, testing, production and sales facilities in Rakkestad, 85 km southeast of Oslo, Norway.

Our technology is based on a patented design that performs exceptionally well at both high and low air velocities, while the pressure drop is just a fraction of what conventional wisdom states.



The WIDE test rig with wind tunnel ensures a continuous development of droplet separation products with optimal efficiency. In the test rig we can simulate “splashing rain”, mist and fog.

The photo to the left shows the test rig as the test sections in our wind tunnel was configured for a project where separator behavior under influence of different gravity directions was important.

Company representatives at your service:



Jørn S Watvedt
Manager



Ann Karin Kirkeng
Economics



Harald Nøkleholm
Sales Manager



Hans Trygve Lund
Project Engineer



John Ragnar Aamodt
Production Manager

AS WIDE is founded and owned by Manager Jørn S. Watvedt.

The range of products from AS WIDE includes products for high effective air intake separators for commercial buildings, industry, offshore and marine installations, and complex separation systems for chemical processes and installations for exhaust gas cleaning.

Our separators are installed as the first step in the air intake for the separation of rain, mist and fog, including salt and other mineral solutions. The panels are designed for easy installation in the air intakes to protect ventilation systems and process equipment against corrosion, pollution and other damages. The product is also perfect as droplet separator after a cooling coil when high air velocities (above 2,5 – 3 m/s) take droplets of condensed water into the air stream.

Turning Vane Moisture Eliminator

With our own flexible production unit we are able to supply tailor-made high efficiency separator panels with unique design to fit your project – to a price you can afford.

Applications

- Offshore HVAC installations
- Process air intakes (Engine rooms)
- Dehumidification plants

Features

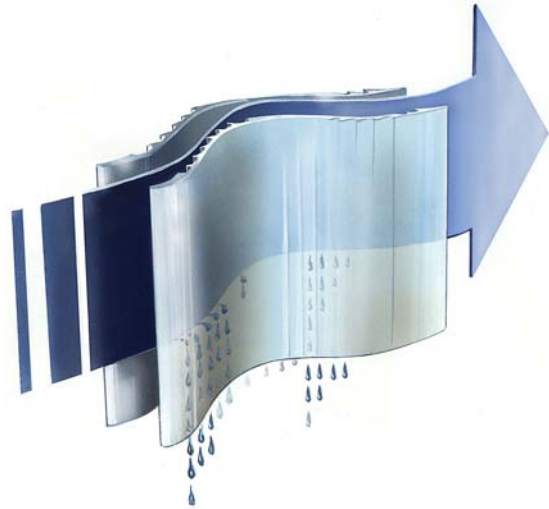
- Separates 99,8% rain and 96% mist/fog
- Simple to install, operate and maintain
- Effective separation of salt and other minerals
- Wind stabilisation capacities
- Documented separation effect (incl. SINTEF tests)
- Takes less space, as it handles high air velocities
- Energy savings due to low pressure drop
- Fire resistant
- Corrosion resistant
- Defroster System, optional
- Equipped with WIDE Airlock drip tray
- Hinged panel, optional
- Integrated filter system, optional

Materials

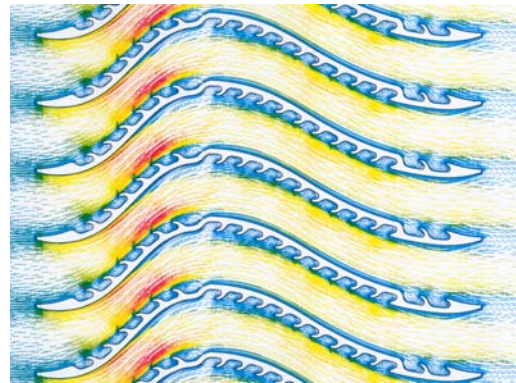
Panels and framework are produced from seawater resistant aluminium as standard. Available with different surface treatments, and may be supplied with SS framework.

Other type of design

If you need a special design, we are at your service. This may include different types of casings and combinations with filters, dampers or silencers.



Inertia and gravity put to work



Advanced CFD-analyses (Computational Fluid Dynamics) has been used during the research and development process. Computer modelling and analyses gives an optimal combination of product performance and manufacturability.