

ME Division

MARINE APPLICATIONS

Mist Eliminators and Louvers



Product Description

Munters spray mist eliminators dramatically reduce water and salt spray which can cause below deck corrosion, while maintaining unrestricted air flow to engines and equipment.

Munters Mist Eliminator Technology:

Water and salt spray carried on board with inlet air is a major source of corrosion on any vessel. While salt water spray is more serious, even fresh water spray will cause corrosion, increased maintenance and damage to engines, accessory equipment and furnishings.

Munters marine mist eliminators installed at air inlets or in inlet ducts ensure the air brought aboard is free from corrosion-causing mist and spray.

Non-metallic mist eliminator profiles are available in solid black or white material, giving you the ability to match most color schemes and eliminating the need for painting.

Munters marine mist eliminators are assembled in modules prior to installation in the vessel. Our custom design and fabricating team can fit available inlet openings on most vessels, whether it be pleasure yachts, fishing vessels, passenger ferries, crew boats, military vessels, or tug boats. The system can be used for both engine room ventilation and dedicated engine combustion air for any type of propulsion engine or auxiliary power unit.

PRODUCT INFORMATION

High Efficiency

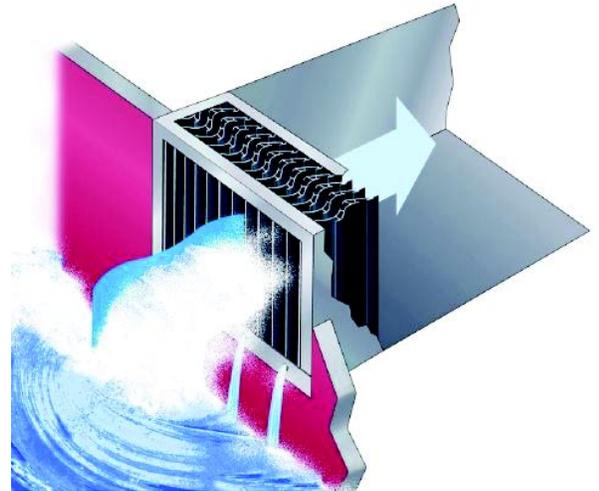
- Patented highly efficient, aerodynamic design
- Minimum airflow restriction

Versatile and Flexible

- Available in single or multi-stage units
- Custom fabrication for most vessels
- Fits most color schemes, eliminates need for painting

Reduce Costs

- Eliminates costly damage to engines and accessories
- Reduces maintenance and repair
- Low pressure drop helps preserve fuel efficiency



Munters Mist Eliminators allow inlet air to turn and pass between the profiles with minimum restriction. Drops impact the profile surface where they are collected and drained.



The Separation Expert

UNRESTRICTED AIRFLOW

Munters understands how important unrestricted air flow is to engines and on-board equipment. Restricted air flow to engines causes a loss of power, an increase in emissions, and wastes precious fossil fuel. Munters marine mist eliminators are designed to operate with minimum pressure drop, thus ensuring that air flow is not unduly restricted, and engines and equipment are not starved for critical air. The patented aerodynamic shape of Munters mist eliminators has been especially developed to minimize water and salt spray entry while maximizing the air flow.

VERSATILITY

Munters horizontal flow mist eliminators are available as single or multi-stage units. Single stage units remove heavy spray and rain with minimum flow restriction. Multi-stage units are suited for the exceptionally heavy spray and "green water" service. They can incorporate Munters patented Round-Rod-Coalescer pads for increased removal of dry solids and liquid droplets down to 1 micron diameter.

OPERATIONAL CONSIDERATIONS

- Eliminate salt and water mist from your engine room
- Reduce maintenance costs
- Minimum air flow restriction
- Proven in over ten years of use at sea
- Custom designs available to fit your vessel.
- Specified quality boat builders and designers
- Environmentally sound

It Makes Sense to Protect Your Investment

Reduce maintenance costs, preserve your vessel's appearance, and ultimately ensure reliable operation for the safety of your passengers and crew.

AIR INTAKES IN MARINE APPLICATIONS

- Prevent corrosion by keeping moisture and salt out of machine room and whole ship
- Prolong the life of ventilation system filters and reduce pressure drop
- Prevent odor, mold and bacteria in the ventilation system
- Avoid electrical malfunction by preventing moisture and corrosion at electrical components

Performance Levels

Protect against:

- Rain and splash water - large sized droplets
- Spray water - medium sized droplets
- Salt laden droplets - very small droplets mainly composed of salt, with some water



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