

MIS AirControlSystem

Permanently  
Clean Air





# Air does not equal air.

near shore wind energy plants as well as the use behind air cooling- and pneumatic cleaning aggregates in climate challenged areas or areas that are subject to sand, dust or sea salt.

## System solutions for global application.

The MIS Naval and Industry Service GmbH is an international professional partner for innovative system development of filter- separation technology. In addition to our MIS- AirControl-System serial production we also conceptualise and develop individual solutions, and offer the complete service spectrum, beginning at logistics, up to the complete installation and after sales service for our products.

Serial- and individual system solutions designed for global application. The latest technology standard - commercially as well as ecologically.

## The MIS-AirControlSystem newly defines the air medium.

Our technologically sophisticated and failure free indoor air filtration equipment creates optimal and requirement specific conditions, in particular for maritime utilisation.

It is an especially effective and safe solution concept for application ranges requiring high standards of air quality. MIS's specialised filtration- and separation technology provides a solution that meets the requirements of permanently clean air.

The MIS- AirControlSystem offers safety relevant and functional use in the naval industry, such as off shore- and/or

## The finished product is a summary of its components.

The conception, production and total of high quality components indicate the especially complex spectrum of extraordinary quality of the MSI- MIS-AirControlSystem. Thoroughly inspected/selected materials guarantee the long term application of the MIS separation- and filtration technology; even under the most difficult environmental conditions.

A few of the details that contribute to the unique technology of MIS-AirControlSystems:

- Tested and established during many years of application
- Optimal droplet trap
- High jolt- and jarring resistance up to 15 g
- Sound absorption up to 3,5 m/sec. inflow velocity: 3 dB (A)
- Temperature endurance up to 120°C
- UV- stability
- No material degradation
- Corrosions resistant
- Minimal pressure loss
- Panel-filter 94 mm, filter classifications F5 - F9
- Glass fleece-filter fully biodegradable

We will be more than happy to forward the inspection reports and technical data sheets as well as reference information for our MIS-AirControlSystem-equipment to you.

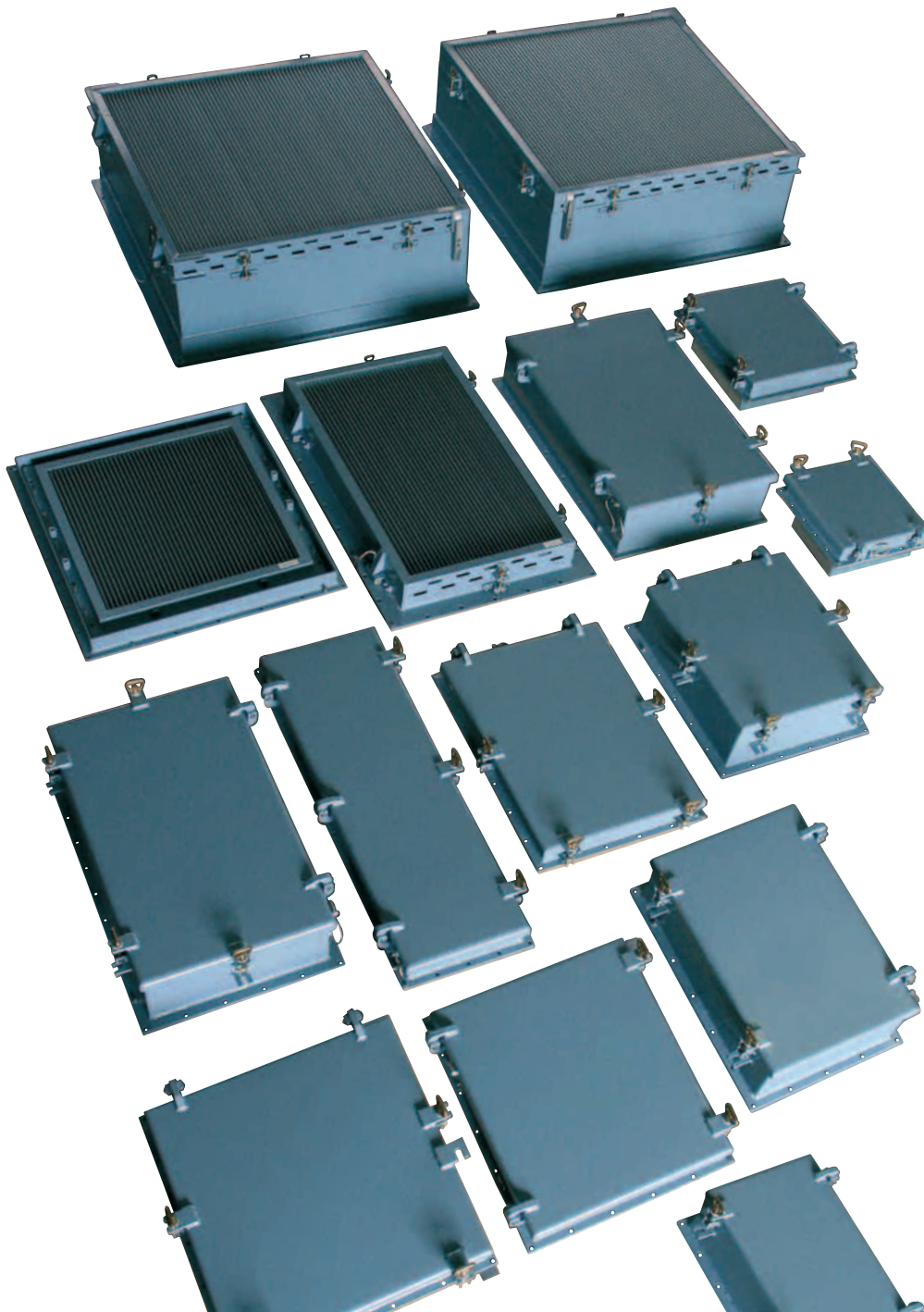


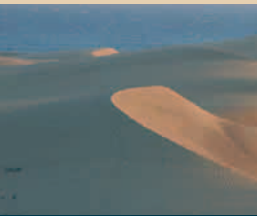
# MIS-AirControlSystem

## MIS-AirControlSystem: Air as it is required.

We provide the individual production of air filter- and separation technology systems for the demand oriented application in the naval, and civilian sea navigation as well as for industrial- and commercial applications. We develop the desired solution for the customer in constructive collaboration and based on the specified requirement profile.

The MIS- AirControlSystem has been successfully utilised by the Federal Navy on frigates, deployment suppliers and tenders since 2004. Additional Navy vessels are currently in the process of having the MIS-filter- separation systems installed.





## Application areas:

### Navy

Sand filter and water separator for main engines-, support diesel-, emergency diesel- suction air. Air filter for ABC-protective air.

### Merchant Marines

Sand filter and water separator for main engines-, support diesel-, emergency diesel- suction air. Sand-, salt- and water separator/air filter for temperature- controlled indoor air.

### Offshore wind energy

Air filter, salt- und water separator for suction air in equipment facilities, steel- and concrete towers, offshore- fundamental systems, transformer stations- and switch box –tower segments.

### Additional application areas

Sand separator and pre-air filter for temperature controlled hotel-, administrative- and residential facilities, air pressure operated tents in sand-, dust- und salt subjected climate regions.

We will individually develop filter and separation equipment for you based on your specific requirements. A team of competent professionals to answer your queries is at your non-committal disposal.

www.nolimits-werbeagentur.de

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