

Marine and offshore applications

Ventilation solutions for marine and offshore environments

CORROSION-RESISTANT





Specialised fans for marine and offshore applications

- Cruise ships and yachts
- Cargo and passenger ferries
- Tugboats and navy vessels
- Offshore platforms and accommodation units
- Chemical and gas transport ships (LNG/LPG)



VENTILATION SOLUTIONS FOR MARINE AND OFFSHORE ENVIRONMENTS








Marine environments present extreme conditions that demand durable and robust ventilation systems.

Challenges such as **salt-water corrosion, fluctuating temperatures, high humidity, and confined spaces** are constant factors that ventilation equipment must endure.

Benefits of ventilation in marine applications:

- **Air quality control:** Maintains clean air in engine rooms and cargo holds.
- **Prevention of hazardous gases:** Avoids the build-up of flammable or toxic gases.
- **Temperature regulation:** Helps dissipate heat generated by critical machinery.

RECOMMENDED FANS

FAN TYPE	DESCRIPTION	MODELS			
CENTRIFUGAL FANS	Ideal for moving air through long ducts or confined spaces (e.g., engine rooms).	NIMUS	NIMAX	KASTORM	MBCA
					
		Stainless steel 304-316, C3, C4, C5M			S.Steel 304-316, C3, C4
AXIAL FANS	Suitable for open areas like decks or offshore zones. Available with aluminum or plastic impeller blades.	HC / HCA	HB / HBA	HM / HMA	
					
		Casing and support: Stainless steel 304-316, C3, C4, C5M			
ATEX FANS	Required in potentially explosive atmospheres (chemical or gas transport ships, offshore oil rigs).				
		Stainless steel 304-316			

SPECIALISED MOTORS AND FINISHES

FEATURE	DESCRIPTION
MARINE DUTY MOTORS	Protected against salt, humidity, and corrosion.
CERTIFICATIONS	IEEE 45, USCG, ABS, Lloyd's Register, DNV
PROTECTION OPTIONS	IP55 or IP56
ANTI-CORROSIVE FINISHES	<p>Stainless steel 304: Suitable for interior/protected areas on ships.</p> <p>Stainless steel 316: For areas with direct seawater exposure.</p> <p>C3, C4, C5M: Coatings for industrial/marine atmospheres (ISO 12944).</p>