

Marine Nitrogen Systems



Membrane
Solutions



The industry's largest marine nitrogen system supplier.

- Over 40 years of marine systems experience
- More than 4000 nitrogen generators in operation
- Dedicated marine system lifecycle team with 24/7 availability
- Global marine service network
- ISO 9001 / 45001 / UR27 Cyber Secure Type Approval SP1 certified

Market-leading nitrogen systems for dependable ship operations.

- Serving applications such as alternative fuel systems, chemical transport, and LNG transport
- Solutions include nitrogen generators, feed air compressors, boosters, panels, DBBs (double block and bleed), high-pressure cylinders, and buffer tanks

Field-Proven Reliability

Our marine nitrogen systems are engineered for resilience and designed to keep vessels moving safely and consistently in the most demanding conditions.

Consistent Quality & Dependability

A combination of decades of experience and a constant drive toward customer-oriented innovation provides the confidence in quality that the marine industry demands.



GENERATING A CLEANER FUTURE

Nitrogen Systems for Alternative Fuel Ships & LNG Carriers

NC1 N₂ System

- Achieves nitrogen flow up to 500 normal cubic meters per hour
- High-pressure booster compressor option up to 350 bar
- Typical purity range 95-99,9% N₂



Nitrogen Systems for Chemical Tankers & High-Capacity Applications

NC2 N₂ System

- Achieves nitrogen flow up to 6000 normal cubic meters per hour
- Flexible footprint and energy optimization configurations
- Typical purity range 95-99,9% N₂
- Membrane banks can be added to scale up N₂ flow



Combined N₂ & Dry Air System

- Shipboard membrane systems supplying both nitrogen and dry instrument air
- Dehydration can reach a -60°C dewpoint depending on customer requirements
- Flexible nitrogen flow based off customer requirements
- Typical purity range 95-99,9% N₂



GLOBAL SERVICE & SUPPORT



Available 24/7 to support you throughout your system's full lifecycle, minimizing downtime and keeping your operations running at peak performance with genuine parts and expert engineering insight.

CONTACT US

Our global presence includes sales offices and service support worldwide.
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