

# ARO<sup>®</sup>

## DIAPHRAGM AND PISTON PUMPS

FOR THE MARINE INDUSTRY



# ARO® pumping solutions to improve your productivity

Today's shipping vessels operate with a constant flow of diverse fluids moving inside and through different machinery and systems for numerous purposes. Virtually every major machine and/or operation onboard a ship is supported by a pump—in fact, few systems or auxiliary machinery could run without them.

For over 85 years, ARO® has designed and manufactured industrial pumps for some of the world's most extreme operating environments, including the marine industry. ARO® pumps are designed to meet the most critical needs of maritime operators assuring performance and reliability when you need it.

Built to take on a wide range of marine applications, ARO® pumps offer lasting performance value and easily integrate with existing onboard systems.

Known worldwide, ARO® maintains an extensive global supplier network that spans every major port for access to parts and technical support wherever the user is located.

## Applications

- ▶ Bulk Liquid transfer
- ▶ Hull cleaning
- ▶ Painting
- ▶ Deck and cargo tank washing for low and high-pressure cleaning applications
- ▶ Fuel transfer
- ▶ Lube and grease transfer
- ▶ Chemical and solvent transfer and dispensing
- ▶ Dewatering systems
- ▶ Bilge Services
- ▶ Emergency Spill Cleanup
- ▶ Oil/Water Separation
- ▶ Pontoon Bilge Stripping
- ▶ Lubrication/Maintenance
- ▶ Clean Drain Transfer
- ▶ Cargo Cleanup
- ▶ Deck and Hull De-watering



Fuel Transfer

Bulk Liquid Transfer



Diaphragm Pump

De-Watering Diaphragm Pumps and Systems

Cleaning Solutions Package

2 and 4 Ball Piston Pump

Grease Pump Package

Wash Pump

FRL Combination Unit

Piggyback Unit

## Diaphragm Pumps

ARO® diaphragm pumps are used in a variety of de-watering, fuel transfer, and bulk transfer of all types of liquids applications during the build process and the normal operating life of many maritime vessels.

These industrial-grade pumps provide high performance and stall-free reliability. They are available with flow rates up to 237 GPM (897 LPM) in a large range of material and porting configurations.

- 'Unbalanced' air valve ensures no-stall operation
- Bolted construction for leak-free fluid handling
- Metallic models ATEX certified

## Piston Pumps and Packages

ARO® piston pumps are the perfect solution for the "tough" jobs. Superior air motors are at the heart of ARO® AFX piston pumps. With only five moving parts our air motors are truly advanced, yet simple.

ARO® piston pumps are used to provide heavy grease for critical components. High pressure piston pumps also work great for deck cleaning, hull prepping, and for airless spray painting marine vessels. ARO® piston pumps provide the pressure and flow needed for consistent performance, and the robust design ensures reliability and productivity under the most demanding conditions.

- Reduced failure risk due to fewer moving parts
- Designed and constructed for easy maintenance
- Progressive Exhaust enhances pump performance
- No springs to fail due to fatigue
- Requires no lubrication and no lubricator installation
- Groundable
- ATEX-compliant

## Compressed Air Preparation and Accessories

ARO-Flo filters, regulators, and lubricators (FRL) are a great way to keep your air supply clean and conditioned in order for your equipment to operate at its peak performance.

Not only do ARO® FRLs provide protection for your equipment, they have great performance, flowing 38% better on average than our competition. If you want superior flow in your application, you can't miss with the ARO-FLO Series of FRLs.

Lube and Grease Transfer

Deck Cleaning

Hull Painting

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## About Ingersoll Rand

Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit [www.IRco.com](http://www.IRco.com).

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