

# Your One-Stop Source For Food Industry Solutions

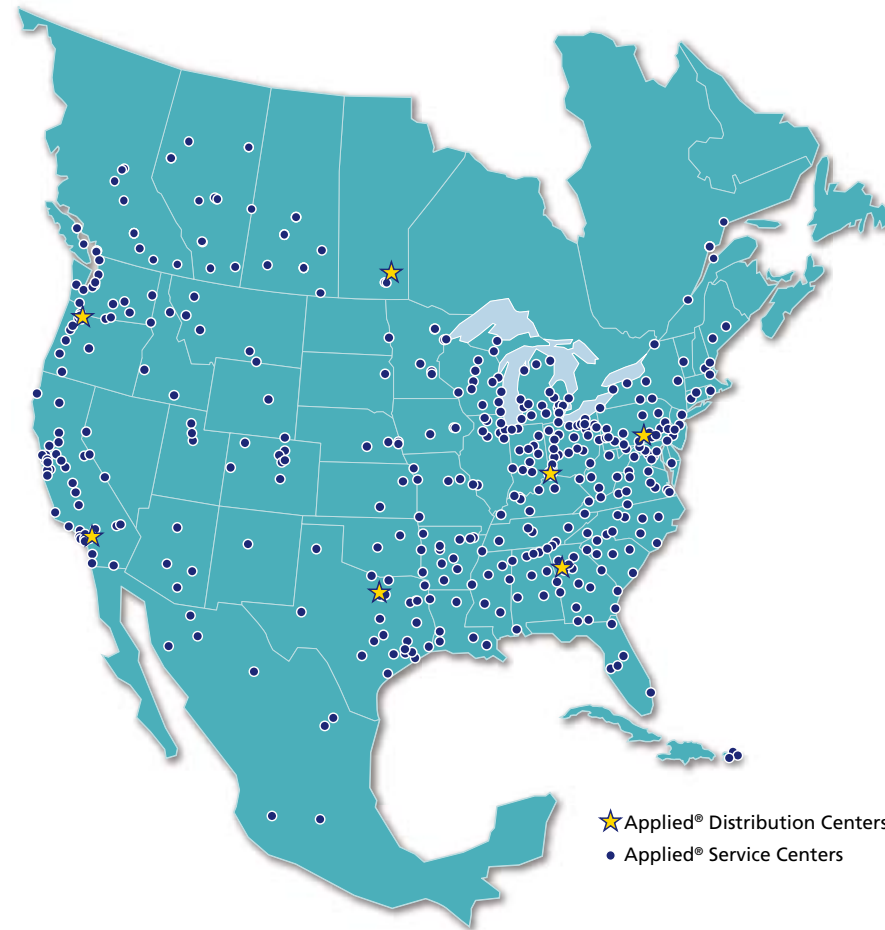
## Strategic Partnerships

Applied Industrial Technologies has teamed with Ingersoll Rand / ARO to provide world-class products and innovative solutions that keep your food plant operating efficiently and profitably.

## Products, Services and Expertise

And, if you need other industrial components and solutions, Applied® carries a complete stock of maintenance repair items, including industrial rubber products, fluid power components, bearings, linear components, power transmission components, specialty maintenance and mill supplies. In addition, Applied® provides engineering, design and systems integration for industrial and fluid power applications, as well as customized mechanical, fabricated rubber and fluid power shop services. Our strong network of more than 330 service centers and seven distribution centers ensures that the part you need is close by.

*Applied® keeps you running by delivering the products, services and expertise – when you need them the most – to make you more productive and give you the competitive edge.*



## Applied Industrial Technologies and Ingersoll Rand / ARO Strategically Partnering to Provide Pneumatic Solutions to the Food Industry



- ▶ Cylinders – Silverair® and Provenair™
- ▶ Filters / Regulators / Lubricators (FRLs)
- ▶ Diaphragm Pumps
- ▶ Palair Hoists
- ▶ Lubri-Link™ Food Grade Chain Lubricant



Contact Your Local Applied® Service Center  
**1-877-279-2799**



Corporate Headquarters  
One Applied Plaza  
Cleveland, Ohio 44115  
Toll Free Phone: 1-877-279-2799  
[Applied.com](http://Applied.com)

**WARNING:** Injury, death, property damage, and/or equipment failure may result from misuse or misapplication of the products featured in this publication. The information in this publication is provided "AS IS," WITHOUT WARRANTY OF THE INFORMATION'S ACCURACY OR THE PRODUCTS' SUITABILITY FOR ANY PARTICULAR USE.



Authorized Distributor:

# Applied Industrial Technologies – One Trusted Source For All Your Pneumatic Food Industry Solutions

Applied® keeps the Food Industry in peak performance, even in the most demanding environments. Look to our complete offering of top-quality Ingersoll Rand / ARO products to tackle your toughest applications. Call us today at **1-877-279-2799** for all your Food Industry maintenance repair needs.



## Cylinders

Applied® offers quality ARO air cylinders to meet the strict standards of your food production facility.

### Silverair™ Cylinders



- For applications requiring disposable, light-duty cylinders
- Prelubricated; excellent for use in applications that do not require externally applied lubrication
- Available in stainless steel and aluminum construction to withstand attacks from corrosive environments
- Construction
  - Stainless steel barrels
  - Centerless ground and polished stainless steel piston rods for smooth movement
  - Aluminum heads feature full flow ports for maximum air flow and smooth response

### Provenair® Cylinders



- Series SN all stainless steel cylinders are corrosion resistant and have tie rods
- Factory lubricated grease will not wash out
- NFPA interchangeable and repairable
- Standard operating temperature 0 to 185 °F (-18 to 82 °C)
- Construction
  - Tie bolt construction eliminates rod binding and tie rod torque problems
  - Rugged, thick walled tubes resist denting
  - Viton seals for high heat applications up to 300 °F (149 °C)

## Filters / Regulators / Lubricators (FRLs)

Applied® carries an extensive line of ARO air line filters, regulators and lubricators to meet your exact air preparation requirements. Installation of an FRL in an air line system will pay long-term dividends in increased productivity, consistent quality and decreased maintenance costs.



- FRL port sizes available from 1/8" to 2" NPT with air flows up to 1300 SCFM
- Modular "clip together" or pipe nipple connections provide easy installation and serviceability
- Filters and filter / regulators feature quick-change bayonet bowls for easy filter element change out
- Optional coalescing filters remove 99.9% of oil aerosols and particulates down to 0.3 microns
- "Miniature" 1/8 -1/4" ported FRLs are all composite construction, providing the ultimate corrosion protection in wash down food processing applications
- Precision air control 316 stainless steel regulators and stacked filter / regulators are available and designed for process applications in corrosive or wash down environments commonly found in food, pharmaceutical or packaging applications

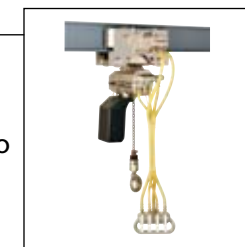
## Diaphragm Pumps

Ingersoll Rand / ARO air operated diaphragm pumps from Applied® are designed for performance, reliability and ease of installation. The patented unbalanced air valve design avoids stalling and freezing problems commonly found in many competitive pumps. Ideal for abrasive and solid particulate fluid transfer, ARO diaphragm pumps are long-lasting as they contain no rotors, gears, vanes or pistons to wear out.



- Diaphragm pump inlet / outlet sizes range from 1/4" to 3" NPT(F), with a flow range from 4 to 236 GPM (gallons per minute)
- Available in various body constructed materials including aluminum, stainless steel and polypropylene for long life even in the harshest of environments
- Internal component parts material construction options include teflon, nitrile, polypropylene, viton, acetal, kynar and more
- Stainless steel hardware fasteners are standard on ARO non-metallic pumps for maximum corrosion resistance
- Bolt-together construction provides a "drip free" safer environment
- Designed for lube-free operation

## Palair Air Hoists



- First USDA accepted air chain hoist in the United States
- Non-metal parts are unpainted to prevent contamination
- No oil mist is exhausted to surrounding environment
- Air motor design with only two moving parts provides high reliability and low maintenance
- Control pendant allows variable up and down speeds
- Ergonomically designed with no external pipes or mechanical linkages
- Low pressure disc brake is spring set, air released and self adjusting for wear
- Planetary gears for long life and high duty cycle
- High strength polymer chain guide for fast, smooth running with minimum wear
- Internal exhaust for sound levels below 85 dBA

## Lubri-Link Green™ Food Grade Chain Lubricant

Lubri-Link Green™, available from Applied®, is ideally suited for chain and all types of moving parts that require a USDA H-1 type oil where incidental contact with food may occur.



- USDA accepted food grade chain lubricant provides load chain with recommended protection
- Material Safety Data Sheet (MSDS) available upon request

Call Applied® today at **1-877-279-2799**  
for all your Food Industry maintenance repair needs.