



Convenience you want. Expertise you need.™



Application Expertise

The Finest Products Available

Prompt, Reliable Service

## Vacuum and Air Power Specialists for the Food & Beverage Industry

- Belt Cleaning • Bottle Drying • Can Drying • Canning • Capping • Cheese Making • Compressed Air • Deaerating • Filling
- Freeze Drying • Evaporators • Miscellaneous Drying • Mixing • Modified Atmospheric Packaging (MAP) • Pan Cleaning
- Pneumatic Conveying • Vacuum Cooking • Vacuum Cooling • Vacuum Packing • Vacuum Stuffing • Vacuum Tumbling

Combined Fluid Products Company

## Application Expertise

Since 1975, CFP has built a solid reputation for solving problems and improving efficiencies in the food & beverage industry. We are known as the food & beverage industry's Vacuum and Air Power Specialist. Along with superior product offerings and excellent service, it is our application expertise that sets us apart.



## Rotary Screw Vacuum Pumps & Compressors

- Oil-sealed rotary screw vacuum pumps with VSD and fixed speed controls. Flow rates to 3000 CFM. Vacuum to 29.9" Hg.
- Oil-free and oil-sealed rotary screw compressors with VSD and fixed speed controls. Pressure up to 175 PSI.
- Next generation features and efficiency.

## Oil-Sealed Rotary Vane Vacuum Pumps & Systems

- Oil-sealed rotary vane vacuum pumps are the standard for vacuum packaging.
- Most pumps include gas ballast valves for improved water vapor handling.
- Performance from 2 to 710 CFM (0.2 HP to 50 HP).
- Vacuum to 29.9" Hg.
- Standard and custom designed systems in simplex, duplex, and multiplex arrangements.



## Vacuum Booster Pumps

- Booster blowers are used in combination with backing pumps to significantly increase vacuum performance efficiently and cost effectively.
- The ideal choice when high pumping speeds are required from 37.5 to 0.0075 Torr.
- Highly reliable performance from 220 to 2935 CFM.
- Models available with hydrokinetic drive to further improve performance, efficiency, and cost reductions.



## Liquid Ring Vacuum Pumps & Systems

- Liquid ring vacuum pumps provide trouble-free operation in harsh applications that destroy other vacuum pump technologies.
- Capable of ingesting small amounts of liquids and soft solids without damage.
- Single-stage and two-stage designs available with or without motors.
- Capacities from 1.5 to 39,000 CFM.
- Vacuum to 29" Hg.
- Fully assembled and tested systems available with controls and accessories. No recovery, partial recovery, and full recovery seal-fluid options.

## Oil-Sealed Liquid Ring Vacuum Pumps

- Rugged, heavy-duty design has long maintenance intervals.
- Air-cooled, oil-sealed design requires no seal water.
- Large clearances and a non-contacting impeller take abuse without damage.
- Flow rates from 20 to 5000+ CFM.
- Vacuum to 29" Hg.
- The only system with a standard 3-year warranty.



## Oil-Free Rotary Claw Pumps

- High-efficiency, oil-free performance with low operating costs and maintenance.
- Available in vacuum only, pressure only, and vacuum-pressure configurations.
- Flow rates from 43 to 671 CFM.
- Vacuum pumps are suitable for continuous operation from atmospheric pressure up to 27" Hg.
- Compressors are suitable for continuous operation up to 32 PSI.

## Oil-Less Rotary Vane Vacuum Pumps & Compressors

- Completely oil-less design for applications that cannot tolerate possible contamination.
- Available in vacuum only, pressure only, and vacuum-pressure configurations.
- Flow rates from 2.8 to 353 CFM.
- Vacuum pumps are suitable for continuous operation from atmospheric pressure up to 27" Hg.
- Compressors are suitable for continuous operation up to 25 PSI.





## Centrifugal Blowers & Air Knife Systems

- Highly-efficient blower powered systems save money by operating at a fraction of the cost of compressed air blow off systems.
- High-performance air knife systems remove water, liquids, and bulk materials without slowing production.
- Each system is individually engineered to ensure effective and efficient performance. All necessary components are available for ease of installation and to safeguard performance.



## All-In-One Drying Systems

- Offers the most comprehensive and complete can and bottle drying system on the market today.
- Increases the efficiency and effectiveness of an air knife drying system without increasing operating cost.
- Spray containment eliminates safety hazards and corrosion while decreasing noise levels.
- Turn-key systems are fully enclosed and include the blower, motor, stainless steel air knives, quick-change air knife adjustment brackets, and all necessary plumbing.

## Regenerative Blowers

- Single-stage, two-stage, and three-stage regenerative blowers up to 1552 CFM (45 HP).
- High pressure and vacuum capability ideal for conveying and drying.
- Robust design with fully supported outboard blower bearings.
- TEFC and Explosion Proof motors.
- Fully-assembled packages with filters, relief valves, and enclosures are available.



## The Finest Products Available

We offer a comprehensive line of Vacuum Pumps, Air Compressors, Blowers, Air Knives, Filters, Lubricants, and Systems at competitive prices. We stock a large inventory of OEM and replacement parts and maintenance items with specially discounted prices on filters, vanes, and lubricants.



### Vanes for Oil-less Pumps

For over two decades, CFP has been proudly manufacturing DuraVane™ – a high-quality and high performance vane used in a wide variety of rotary vane pump brands. Each vane is precision-machined to exacting tolerances and is made of specially formulated carbon-graphite composites and binders to extend pump performance and life.

DuraVane vanes are made in America, fully guaranteed, and are priced up to 37% less than OEM pump manufacturer vanes. They are engineered as an exact replacement to offer both great value and performance.



### Top-Performance Filters

At CFP, we recognize that proper filtration is crucial for obtaining the optimum performance and reliability you need from your equipment. We offer and stock a wide range of top quality filters for air, oil, hydraulic, coolant, and other filtration applications at highly competitive prices.

Let our filter experts assist you! We can recommend a filter that will stand up to your most demanding equipment challenges – saving you money and positively affecting your overall maintenance costs.



### Reliable, Quality Replacement Parts

Whether you need a single part or a complete service kit, call CFP to keep your equipment operating properly, safely, and efficiently. The parts we have in our portfolio meet the rigorous standards of the most dependable manufacturers to achieve optimum performance and meet today's high demands on your equipment.



### Premium Food-Grade Lubricants

Stay compliant without compromising performance. Using the proper oil can reduce maintenance costs, change intervals, and energy costs. Our large portfolio of Accolade™ brand high-performance food-grade lubricants and greases offer superior protection for your valuable equipment while reducing costs, safety risks, and environmental impact.





**COMBINED FLUID PRODUCTS CO.**

805 Oakwood Road  
Lake Zurich IL 60047 USA

Convenience you want. Expertise you need.™

**EXPERT  
REPAIR  
BUSCH,  
RIETSCHLE  
AND MORE!**

## Prompt, Reliable Service

*CFP serves companies of all sizes worldwide through offices located in AL, IL, IN, and WI. We provide a high-level of product expertise with customer-oriented support to solve our customers' challenges with state-of-the-art solutions.*



## Vacuum and Air Power Specialists for the Food & Beverage Industry

### Expert Assistance

#### Get the Right Pump for Your Application:

Belt Cleaning • Bottle Drying • Can Drying • Canning • Capping • Cheese Making • Compressed Air • Deaerating • Filling  
• Freeze Drying • Evaporators • Miscellaneous Drying • Mixing • Modified Atmospheric Packaging (MAP) • Pan Cleaning  
• Pneumatic Conveying • Vacuum Cooking • Vacuum Cooling • Vacuum Packing • Vacuum Stuffing • Vacuum Tumbling

### Products In Stock and Ready to Ship

#### Competitive Prices on Brands You Trust

Atlas Copco • Becker • Dekker • DuraVane • Elmo Rietschle • MANN-FILTER • Republic • Solberg • and more!

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**Vacuum Pumps, Compressors, Blowers, Lubricants, Vanes, Filters, and Parts**