

# CFP 50 YEARS

EST. 1975

Convenience you want. Expertise you need.™

## Food & Beverage



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

EXPLORE TOP BRANDS INCLUDING:



Food Grade Lubricants for Busch and Other Leading Vacuum Pump Manufacturers

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 Co.



Lake Zurich, IL (HQ)



(847) 540-0054



[www.cfpc.com](http://www.cfpc.com)

## APPLICATION EXPERTISE

Since 1975, CFP has built a solid reputation for solving problems and improving efficiencies in the food and beverage industry. We are known as the food and beverage industry's vacuum and compressed air 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 Variable-Speed Drive (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.
- Feature-rich, quiet, and highly efficient.



## 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.



## 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-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 suitable for continuous operation up to 25 PSI.



## 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.

## 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 18 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 available.



## 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.

## 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.



## 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 blower, motor, stainless steel air knives, quick-change air knife adjustment brackets, and all necessary plumbing.



# FILTERS AND PARTS WITH EXPERT CUSTOMER SERVICE

CFP stocks a large inventory of OEM and replacement parts and maintenance items with specially discounted prices on filters, vanes, and lubricants.

## Accolade™ Vacuum Pump Lubricants and Fluids

- Long-life, premium performance lubricants and fluids for oil-sealed rotary vane vacuum pumps, oil-sealed liquid ring vacuum pumps, rotary claw vacuum pumps and compressors, and rotary screw vacuum pumps.
- Var-None compressor and vacuum pump cleaner removes carbon deposits and varnish from equipment internals, without disassembly, while the unit is running.
- Lime-eX water scale and lime removers for water-sealed liquid ring vacuum pumps and other water-wetted equipment.

## Air Receivers

- ASME code air receivers for compressed air and vacuum applications.
- Special internal/external coatings or galvanizing are available.
- Custom tanks available.

## DuraVane™ Carbon Vanes for Rotary Vane Pumps

- High quality, lower cost replacement vanes for dry vane vacuum pumps and compressors made by most major brands including Becker, Rietschle, Busch, Gast, Orion, and others.
- Precision tolerances and high-quality materials that are 100% guaranteed.
- Savings up to 37% below pump manufacturers.
- Made in the USA. Delivery from stock.

## Pneumatic Accessories

- Ball valves, check valves, and safety relief valves.
- Brass compression fittings, pipe fittings, and compressed air manifolds.
- Dry and liquid filled pressure and vacuum gauges.
- Automatic drain valves for compressed air systems.
- Stainless steel flex hose.
- Compressed air filters, regulators, lubricators, mufflers, and desiccant dryers.
- Oil-water separators for compressed air condensate.

## RapidAir

- Professional grade aluminum piping systems for compressed air and vacuum systems.
- Complete line of compression fittings, semi-flexible tubing, and accessories.
- Corrosion-resistant, superior performance, fast installation.

## Solberg, MANN-FILTER, and Wix Filters

- Air filters and silencers for compressors, blowers, vacuum pumps, construction equipment, agricultural machinery, engines, and vehicles.
- Vacuum filters to capture particulates, liquids, and vapors.
- Air-oil exhaust separators for vacuum pumps and compressors.
- Liquid filters for lubricating oils, hydraulic fluids, fuels, coolants, and EDM machines.

## Summit Industrial Lubricants and Fluids

- Broad line of long-lasting, high-performance food-grade oils, greases, and cleaners for compressors, vacuum pumps, and food and beverage manufacturers.
- Leader in high quality lubricants and fluids for compressors, blowers, and other industrial equipment.
- Premium performance synthetic lubricants and fluids for gears, bearings, hydraulics, and refrigeration.
- Highly effective degreasers and descalers.
- Free oil analysis reports to aid with predictive maintenance.

## ZEKS Compressed Air Solutions

- Leader in compressed air treatment products, such as refrigerated and desiccant air dryers, filters, mist eliminators, flow controllers, and air system accessories.



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

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