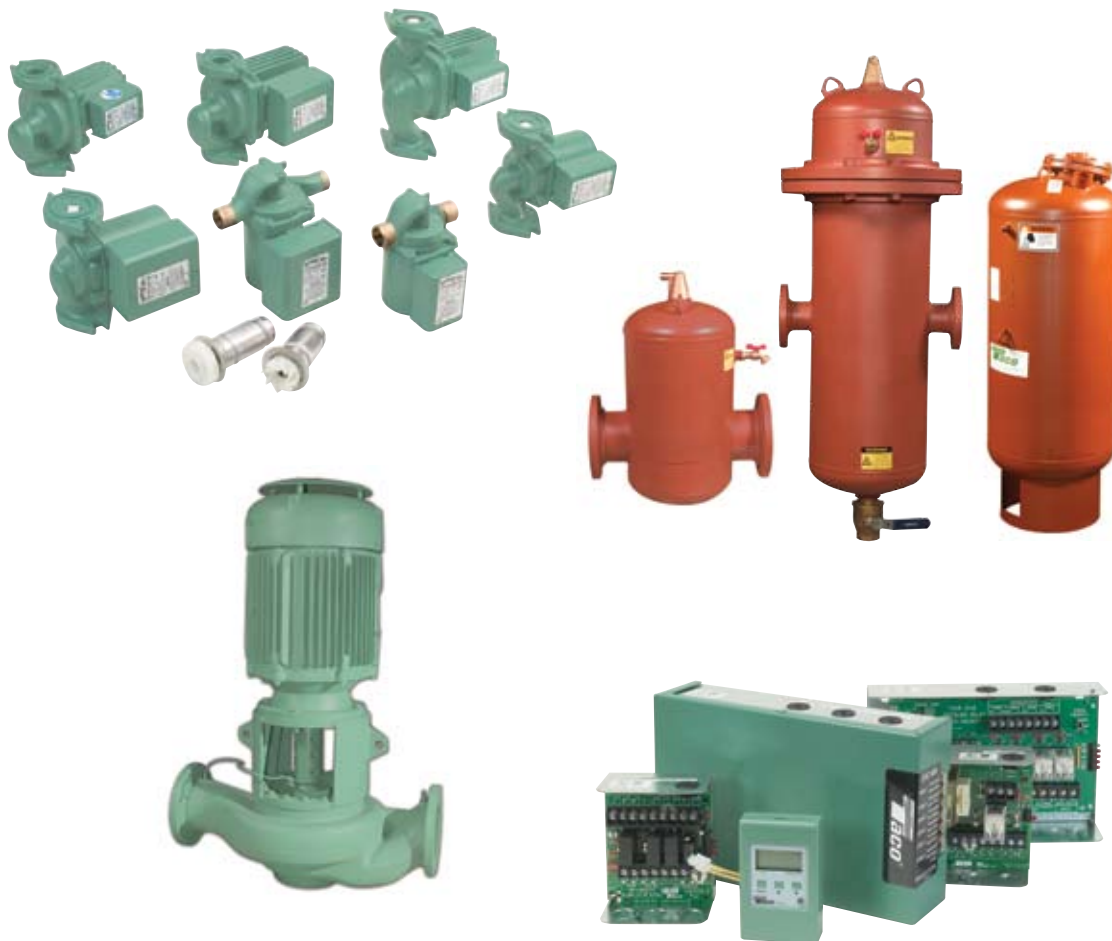


Commercial, Residential & Institutional Pumps, Tanks, & Accessories



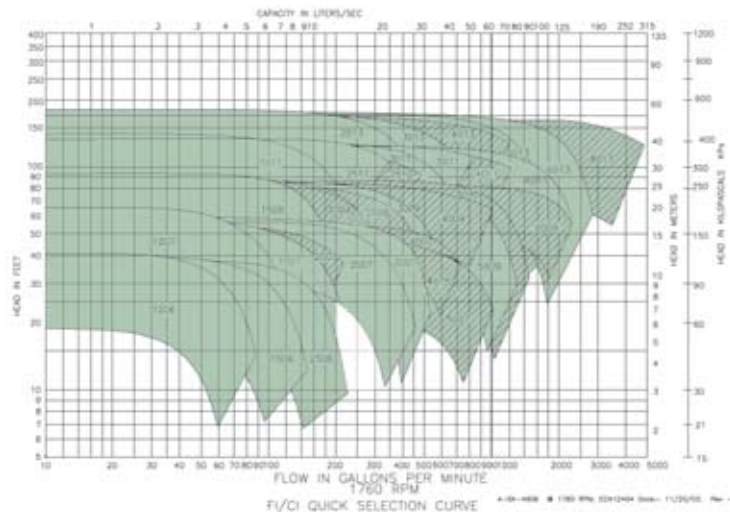
Pumps

FI Frame Mounted End Suction Pumps

- Cast iron casing with integrally cast feet enables pump to be bolted to base for sturdier installation. Allows for back pull without disturbing piping.
- Low-cost, replaceable wear rings protect casing during normal operation.
- Standard ceramic seals promote product flexibility, enabling basic product offering to meet a wide range of application requirements.
- Dry shaft design ensures shaft is never exposed to system fluid, eliminates need for expensive corrosion-resistant shaft, and simplifies sleeve and seal removal/reassembly.
- Rear pullout design allows pump to be serviced without disturbing system piping.
- 1/4 NPT pressure tapping on suction and discharge connections.
- Easy-to-replace slip-on shaft sleeve facilitates seal maintenance in the field and lowers long-term maintenance costs.
- Flush seal line tap allows installation of filter to protect seal from particles present in open systems.
- Top centerline discharge design simplifies piping layouts, reduces piping strain, and makes the pump self-venting.



Larger sizes now available.



*ALSO AVAILABLE IN 50HRZ.

CI Close-Coupled End Suction Pumps

- Flush seal line taps allow for installation of filter to protect seal from particles present in open systems.
- 1/4 NPT pressure tapping on suction and discharge connections.
- Standard ceramic seals promote product flexibility, enabling basic product offering to meet a wide range of application requirements.
- Low-cost, replaceable wear rings protect casing during normal operation.
- Top centerline discharge design simplifies piping layouts, reduces piping strain, and makes pump self-venting.
- Cast iron casing with integrally cast feet enables pump to be bolted to a housekeeping pad for sturdier installation and still allow back pullout without disturbing the piping.
- Dry shaft design ensures shaft is never exposed to system fluid, eliminates need for expensive corrosion-resistant shaft, and simplifies sleeve and seal removal/reassembly.
- Easy-to-replace slip-on shaft sleeve facilitates seal maintenance in the field and lowers long-term maintenance costs.
- Rear pullout design allows pump to be serviced without disturbing system piping.

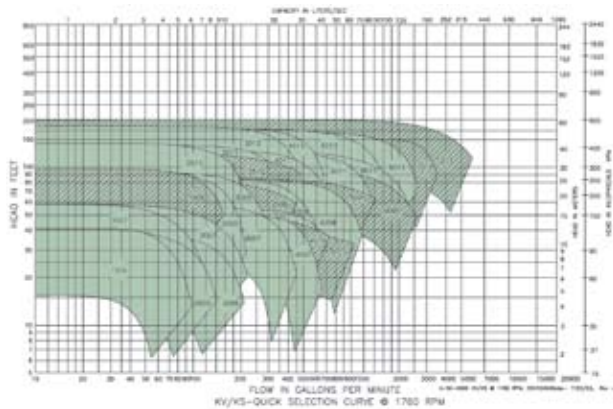


*Pump Curves in 50 HRZ and 60 HRZ are available from Taco for 1160, 1450, 1760, 2900, and 3500 Nominal RPM's. Fax 401-942-8692 or Call 401-942-8000 International Dept.

Pumps

KV/KS Vertical In-Line Pumps

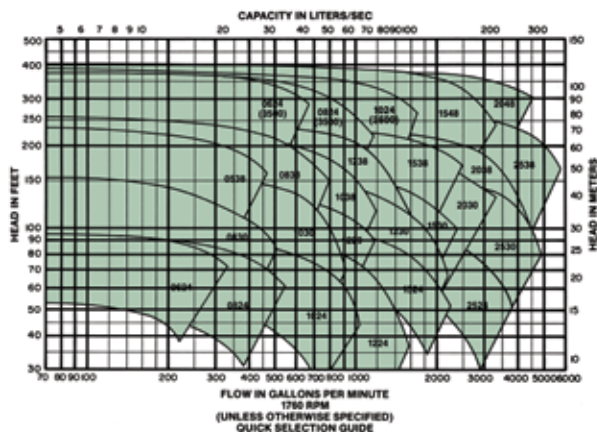
- Designed for optimum performance and ease of installation and maintenance. Ideal for HVAC and industrial applications.
- Flows to 3500 GPM.
- The split coupler design permits changing of the seal without disturbing the motor or the piping.
- The axial load is hydraulically balanced to increase bearing life, better pump efficiencies, and lower NPSH requirements.
- The recirculating line flushes seal faces and extends seal life.
- Optimum pump efficiency is achieved by close running impeller to casing clearances.



*ALSO AVAILABLE IN 50HRZ. SEE PAGE 2.

TA Single Stage Double Suction Horizontal Split Case Pump

- Rugged, heavy-duty casing design allows higher working pressures, provides greater structural integrity, and reduces the risk of distortion.
- Top half of casing is easily removed for easy service of the rotating unit without disturbing piping.
- Impeller is designed to assure minimum NPSH and maximum pump efficiency.
- Mechanical seal option reduces shaft length and minimizes shaft deflection, thereby increasing both seal and bearing life.
- Double suction design virtually eliminates axial thrust and reduces bearing loading, promoting maximum bearing life.
- Low-cost, replaceable wear rings protect casing during normal operation.



*ALSO AVAILABLE IN 50HRZ. SEE PAGE 2.



Larger sizes now available.

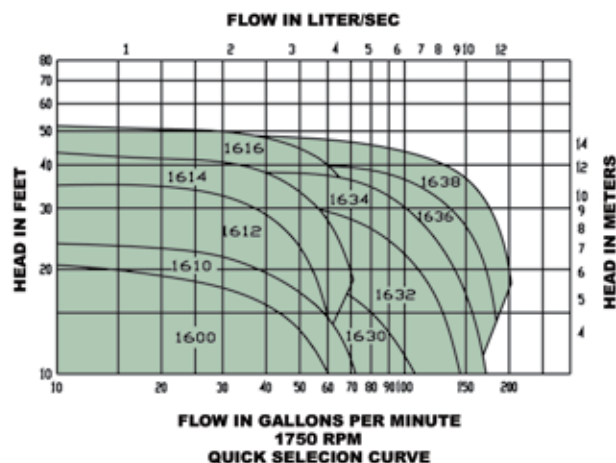


Larger sizes now available.

Cartridge Circulators

1600 Series In-Line Pumps

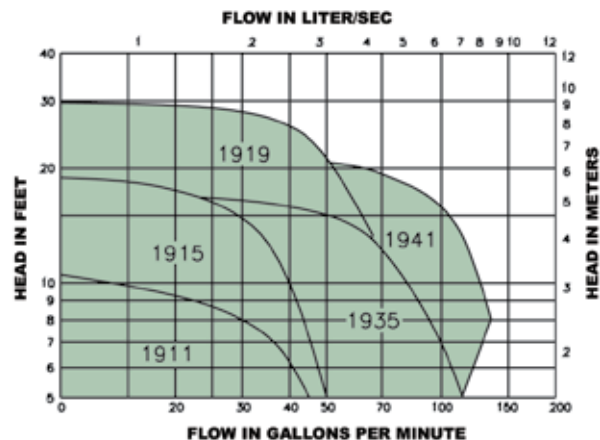
- Rugged casing design has maximum operating pressure of 175 psi and a maximum operating temperature of 300°F. The 1600 Series is offered in cast iron bronze-fitted construction or all-bronze construction.
- Permanently lubricated long-life bearing cartridge replaces conventional “wick” type bearing/bracket assembly. Single bearing cartridge services the entire product line.
- One-piece enclosed impeller assures long life and higher pump efficiencies.
- Standard mechanical seal assures maximum flexibility. One seal fits all models; several materials available.
- Flexible coupler design dampens system sounds and prevents misalignment forces from affecting pump casing and pump system.
- Resilient mounted motor ensures quiet, reliable pump operation.
- One bearing cartridge, one seal, and two motor frames fit all pump models, assuring superior parts flexibility.



*ALSO AVAILABLE IN 50HRZ. SEE PAGE 2.

1900 Series In-Line Pump

- Close coupled compact design is energy efficient and installs anywhere in the piping layout.
- Self-supporting design allows horizontal or vertical installation.
- Pump and sealed ball bearing motor are maintenance-free.
- Rear pullout design and standard motor promote simple, easy service.
- One seal and shaft sleeve fits all models, assuring superior parts flexibility.



*ALSO AVAILABLE IN 50HRZ. SEE PAGE 2.

Accu-Flo 1/2" – 4"

- New fixed port venturi balancing valve.
- Flow measurement independent of stem and ball position.
- Modified venturi flow measurement section ensures precise and consistent differential pressure readings.
- Positive shut-off ball valve for service work.
- Can be installed in any position.
- Tamper resistant memory stop.
- 1/2" – 2" available in sweat and NPT connections.
- 2-1/2", 3" and 4" available flanged connections.



Pump Accessories

Suction Diffuser Rear Strainer Pullout (RSP)

- Full Length Straightening Vane Assembly ensures uniform flow to the suction inlet of the pump
- Oversized Body Cylinder ensures minimal pressure drop
- Removable Cover Plate and reusable "O" ring allows for easy access and maintenance of Permanent Strainer
- Blow Down port allows for routine maintenance and removal of sediment and debris
- Optional Magnetic Insert to trap small metallic particles
- Specifically designed to serve the needs of commercial HVAC and industrial applications.
- Suitable for 125 and 250 PSI W.P.



Plus Two Multi-Purpose Valve

- Horizontal or vertical installation
- Five (5) Valves in one:
 - Shut-off valve
 - Flow Control Valve (Globe Style)
 - Non slam check valve
 - Flow Metering Valve
 - Straight Pattern Valve can be converted to a right angle pattern valve
- Low pressure drop (Equal to or better than any comparable valve on the market today)
- Suitable for 125 and 250 PSI W.P.



Tanks

4900 Series Air & Air/Dirt Separators

- Designed and Manufactured to ASME Requirements
- Micro Air bubble removal to 18 Microns
- Dirt particle removal below 18 Microns
- Optional removable Heads and Pall Ring baskets
- Size range from 2" to 30" / W.P. at 125, 150 or 250 PSI

Air Separator

- ASME 125# construction.
- Stainless steel removable strainer.
- 375°F maximum operating temperature.
- Optional higher working pressures.

CA, PAX, CX Expansion Tanks

- Rubber diaphragm or bladder separates air and water, resulting in elimination of air versus absorption of air into water.
- ASME 125# Construction.
- Optional Higher working pressures.

CA Series Expansion Tank

- Heavy Duty butyl rubber bladder removes easily for inspection.
- Full acceptance vessel.

PAX Series Expansion Tank

- Heavy-duty butyl rubber bladder removes easily for inspection.
- Limited acceptance for small installations and chilled water applications where air and fluid volume requirements are minimal.
- Diaphragm tanks within ASME shells are not used, facilitating inspection of the bladder and eliminating the need for total tank replacement.

CX Series Expansion Tank

- Heavy Duty butyl rubber diaphragm expansion tank allows permanent separation of air and water within ASME designed and constructed pressure vessel.
- Limited acceptance design for use in small heating installations and most chilled water applications where smaller air volumes and expanded fluid volumes are needed.

Heat Transfer

- Complete line of heat exchanger shell and tube designs, with U or straight tube.
- All heaters constructed in accordance with ASME.
- Size range: 4" through 30".
- Specialized head configurations and tube material also available.



Systems

CPV Pressure Booster Systems and HTM Heat Transfer Modules

- Factory pre-packaged module design reduces installed cost.
- All components factory assembled on heavy quality steel frame.
- Hydrostatically tested at factory.
- Modules may be modified or customized to application specifications.
- Convenient, responsive single-source service.
- Compact design for easy installation.
- Taco CI or FI pumps with bronze impellers and mechanical (ceramic) seals.
- Individual pump HOA switches and power-on lights.
- A range of optional equipment is available to customize systems for specific applications.
- Available in 50 and 60 HRZ – See page 2 for information.



Electronic Controls

Controls

Whether you're looking for switching relays, zone valves, priority zoning circulators, fan controls or low water cutoffs, Taco has everything you need. Together with Taco zone valves, thermostats, the "00" family of circulators, and a host of add-on controls, we offer the highest quality and broadest selection of zoning products.



TacoNet® & Hydronic System Solutions



Taco has developed two innovative software programs to assist HVAC design engineers: TacoNet and Hydronic System Solutions. TacoNet was developed to assist the design engineer in the selection and specification of Taco pumps, heat exchangers, tanks and booster packages. TacoNet, now in its seventh version, frees the engineer from the tedious task of manual equipment selections, allowing more time to be spent on making design decisions. Hydronic System Solutions speeds the design process when it comes to designing hydronic systems including single-pipe Taco LoadMatch® systems. Hydronic System Solutions, developed by design engineers, cuts system design time in half, eliminates calculation errors, and allows system design changes to be made in minutes. As one impressed Hydronic System Solutions user puts it, "Hydronic System Solutions is a very handy engineering tool."



Specialty Products

00® Series Cartridge Circulators

- Field repairable, water lubricated.
- Compact high-high performance.
- Variety of sizes to match system requirements.
- Available in bronze or cast iron, for use in open and closed hydraulic and fresh water applications.
- Available in 50 or 60 HRZ.



006 Cartridge Circulator



007 Cartridge Circulator

Electric Low-Voltage Zone Valves

- Heavy cast brass body.
- Silent operating heat motor.
- Manual operation when required.



Zone Valve



Flow Control Valve

Specialty Products

- Boiler Feed Valves
- Air Vents
- Flow Control Valves
- Air Scoops
- EBV
- LoadMatch®
- Hydronic System Solutions
- WAGS®



Cartridge PRV



Air Vent

