Associated Flow Controls,Inc.

4300 SERIES
Condensate Pumps - Stainless Steel Tank



Technical Specifications

Sterlco® 4300 Series Condensate Return Pumps set new standards of performance. Reliable and efficient, each unit features heavy gauge, 3/16" stainless steel receivers for long operating life.

In addition, 3450 RPM motors assure maximum efficiency while maintaining minimum motor horsepower. Available in a wide range of sizes, these U.S. made pumps have just the right accessories and options to meet your unique needs. What's more, a nationwide network of stocking distributors means fast, easy, year-round access to pumps and replacement parts.

The Steam Team

Features

Standard Features

- Heavy gauge stainless steel receivers
- Simplex or duplex construction
- Bronze fitted centrifugal pumps
- Energy efficient 3450 RPM motors
- Automatic venting
- "Sterl-Seal" ceramic pump seal (250°F)
- Heavy-duty float switch
- Wide range of options and accessories



Optional Features

- Mechanical and electrical alternators
- Gauge glass
- Thermometer
- Discharge pressure gauges
- Isolation valves
- Special motor construction, such as totally enclosed, washdown duty and explosion proof is available
- Magnetic starters with H-O-A selector switches
- 1750 RPM motors, larger pumping capacities and higher discharge pressures - consult factory
- 120 gallon, custom sized and eleveated tanks are available
- Complete NEMA 12 Control Panel

Product Features



Motors:
Heavy-duty, ballbearing, close-coupled pump motors with stainless steel shaft. 3450 RPM for greater efficiency and more economical operation.

Float Switch:
Two-pole, drip proof case, stainless steel float and float rod, double-break silver-to-silver contacts. Float travel adjustment is easy, visible and accessible.

Automatic Venting:
Provides for efficient operation and long life by venting air and flushing seal area.

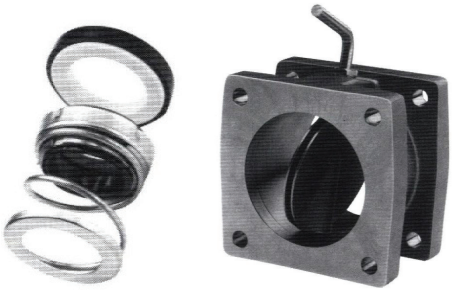
Large Tanks:
Plenty of capacity for maximum rating of pump. Return inlet is low. Occupies a minimum of floor space

Centrifugal Pump:
Offers a wide range of pressues and GPM. Unique design features provide for ease of servicing.

Impeller:
Made of brass for long life. Efficient design provides maximum capacity, minimum motor load.

"SterlSeal" Pump seal (A):
Features the ultimate in ceramic technology for exceptionally long life. Because the seal runs on the bronze impeller hub, the motor shaft is literally outside the pump. Consequently, the shaft is not exposed to corrosion by condensate. Rated for temperatures up to 250ºF.

Isolation Valve (B):
Optional on 4300 Series Condensate Pumps. Allows removal of pump without draining the tank.



A B

The Steam Team

Control Panel

Complete NEMA 12 Control Panel (Optional)

- Motor Circuit Protector
- HOA Selector Switch
- External Reset
- Control Circuit Transformer
- Pilot Light (pump running)
- Removable Mounting Plate and Terminal Strip in a Single NEMA 12 Enclosure
- Mounted and Wired with Single Point Power Connection.