



AURORA[®] INDUSTRIAL PRODUCTS

WWW.AURORAPUMP.COM



AURORA®

Aurora Pump has devoted itself since 1919 to the design and manufacture of a wide variety of fluid handling pumps for a vast amount of applications.

Aurora Pump's commitment to excellence is more than just a complete product line. With new product development, improved pump efficiencies and expansion of sizes to accommodate a broader range of applications, our growth has been continuous and aggressive. Not surprisingly, Aurora Pump's quality management system is ISO 9001 Registered.

Aurora Pump offers computer software selection such as H₂Optimize and Encompass that is up to date and ready to serve your needs.

The software programs select the best pump for a specific set of conditions and provide pump drawings, specifications and dimensions. Further product information is available 24 hours a day, 7 days a week, at our website www.aurorapump.com.

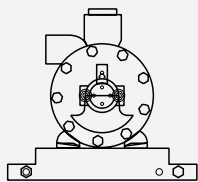


H₂Optimize®

ENCMPASS

100 SERIES

200 SERIES

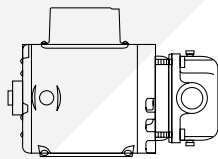


Models 110A-120B

One and Two Stage Regenerative Turbine Pumps

Flows: Up to 150 GPM (10 LPS)
Heads: Up to 920' (280 m)
Temperatures: Up to 275°F (135°C)

- Boiler Feed Service
- Condensate Service
- Cooling System
- Booster System
- Transfer Service

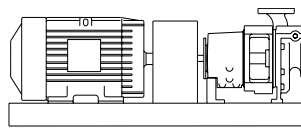


Model 130

Close Coupled Single Stage Regenerative Turbine Pumps

Flows: Up to 50 GPM (3 LPS)
Heads: Up to 700' (213 m)
Temperatures: Up to 212°F (100°C)

- Hot Water Circulating Pumps
- Cooling Tower Makeup
- Boiler Feed Service
- Transfer Service
- TV and Radar Tube Cooling

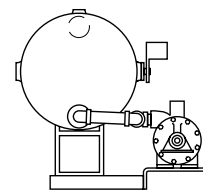


Model 150

Regenerative Turbine Process Pumps

Flows: Up to 130 GPM (8 LPS)
Heads: Up to 1,200' (366 m)
Temperatures: Up to 500°F (260°C)

- Chemical Process
- Refineries
- Pulp and Paper
- Transfer Service



Model 210

One and Two Stage Condensate Systems

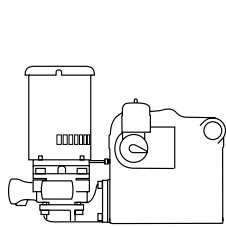
Flows: Up to 150 GPM (10 LPS)
Heads: Up to 270' (82 m)
Temperatures: Up to 190°F (88°C)

- Condensate Service
- Boiler Feed Service
- Circulating Systems to Overhead Storage Receivers

Fluid Handling

Aurora® Pump's distribution center is stocked with parts to handle same-day shipments. These parts, manufactured to original specifications, keep your pumps performing at peak performance for years to come.

200 SERIES

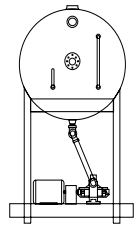


Model 220

Single Stage Condensate and Boiler Feed Systems

Flows: Up to 180 GPM (11 LPS)
Heads: Up to 170' (52 m)
Temperatures: Up to 200°F (93°C)

- Boiler Feed Service
- Condensate Service

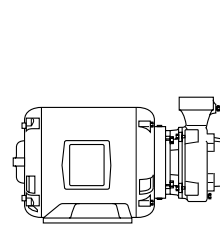


Model 280

One and Two Stage Boiler Feed Systems

Flows: Up to 100 GPM (6 LPS)
Heads: Up to 575' (175 m)
Temperatures: Up to 210°F (99°C)

- Boiler Feed Service
- Condensate Service
- Cooling System
- Booster System
- Transfer Service

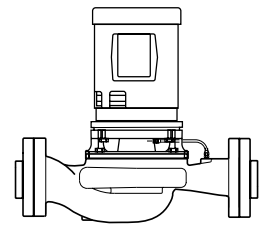


Model 320

Close Coupled Single Stage End Suction Pumps

Flows: Up to 400 GPM (25 LPS)
Heads: Up to 210' (64 m)
Temperatures: Up to 225°F (107°C)

- Hot Water Circulating Pumps
- Cooling Tower Makeup
- Boiler Feed Service
- Transfer Service
- TV and Radar Tube Cooling



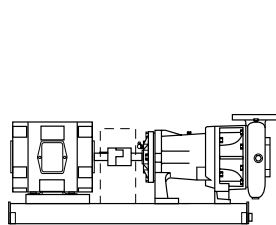
Model 326

In-Line Mounted Centrifugal Pumps

Flows: Up to 140 GPM (9 LPS)
Heads: Up to 55' (17 m)
Temperatures: Up to 225°F (107°C)

- Hot or Chilled Water Circulation
- Pressure Booster Systems
- Cooling Towers

300 SERIES

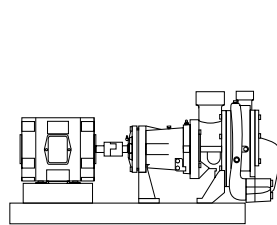


Models 340-360

Single Stage End Suction Pumps

Flows: Up to 4,500 GPM (284 LPS)
Heads: Up to 360' (110 m)
Temperatures: Up to 300°F (150°C)

- Chilled Water
- Heating and Air Conditioning
- Cooling Tower Service
- Water Booster System

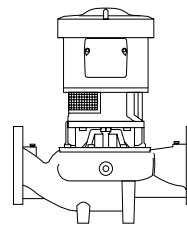


Model 370

Two Stage End Suction Pumps

Flows: Up to 310 GPM (20 LPS)
Heads: Up to 790' (240 m)
Temperatures: Up to 300°F (150°C)

- Boiler Feed Service
- Condensate Service
- Low NPSHR



Model 380

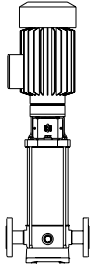
Single Stage In-Line Pumps

Flows: Up to 4,500 GPM (284 LPS)
Heads: Up to 370' (113 m)
Temperatures: Up to 250°F (121°C)

- In-Line Service
- Booster Service

Fluid Handling

PVM SERIES



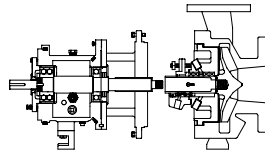
PVM Series

Multi-Stage Vertical In-Line Centrifugal Pumps

Flows: Up to 210 GPM (13 LPS)
Heads: Up to 895' (273 m)
Temperatures: Up to 250°F (121°C)

- Boiler Feed
- Condensate Return
- Jockey Pump
- Irrigation
- Chemical Feed
- Car Wash

3500 SERIES



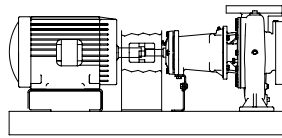
Models 3550–3560

Industrial Process Pumps ASME/ANSI B73.1M

Flows: Up to 7,000 GPM (442 LPS)
Heads: Up to 725' (221 m)
Temperatures: Up to 650°F (343°C)

- Chemical
- Petrochemical
- Mining
- Pulp and Paper
- Consumer Products
- General Industry

3800 SERIES



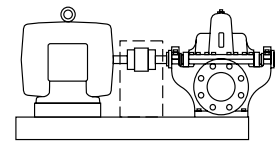
Models 3801–3804

Single Stage End Suction Pumps

Flows: Up to 4,200 GPM (265 LPS)
Heads: Up to 520' (180 m)
Temperatures: Up to 300°F (149°C)

- Offered in Two Models:
 - 3801 is Close Coupled
 - 3804 is Flexible Close Coupled
- Heating and Air Conditioning
- Chilled Water
- Cooling Tower Service
- General Service

400 SERIES



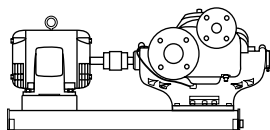
Models 410–420

Single Stage Double Suction/Two Stage Single Suction Split Case Pumps

Flows: Up to 15,000 GPM (950 LPS)
Heads: Up to 600' (183 m)
Temperatures: Up to 275°F (135°C)

- Cooling, Heating and Air Conditioning Service
- Boiler Feed Service
- Condensate Service
- High Pressure Water Service

400 SERIES



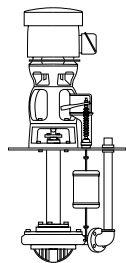
Model 430

Two Stage Single Suction Diagonal Split Case Pumps

Flows: Up to 400 GPM (25 LPS)
Heads: Up to 1,000' (305 m)
Temperatures: Up to 300°F (150°C)

- Boiler Feed Service
- High Pressure Transfer
- Condensate Transfer

500 SERIES



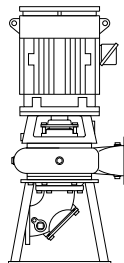
Models 520–530

Single Stage Vertical Wet Pit Sump and Sewage Pumps

Flows: Up to 1,200 GPM (76 LPS)
Heads: Up to 180' (55 m)
Temperatures: Up to 180°F (82°C)

- Condensate Service
- Light Duty Sump Service
- Dirty Liquid Service

600 SERIES



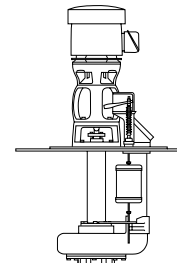
Model 610

Single Stage Wet Pit, Sump and Sewage Pumps

Flows: Up to 20,000 GPM (1,262 LPS)
Heads: Up to 250' (76 m)
Temperatures: Up to 250°F (121°C)

- Horizontal and Vertical
- Solids Handling Sewage Treatment

600 SERIES



Models 630–640

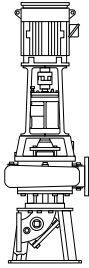
Single Stage Vertical Wet Pit Sump and Sewage Pumps

Flows: Up to 1,000 GPM (63 LPS)
Heads: Up to 90' (27 m)
Temperatures: Up to 180°F (82°C)

- Heavy Duty Vertical Wet Pit

Fluid Handling

600 SERIES

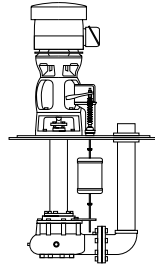


Models 650–660

Single Stage Wet Pit, Sump and Sewage Pumps

Flows: Up to 2,600 GPM (164 LPS)
Heads: Up to 240' (73 m)
Temperatures: Up to 250°F (121°C)

- Medium Duty
- Horizontal and Vertical
- Sludge and Slurry Pumping

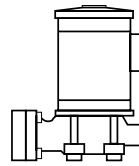


Model 670

Single Stage Vertical Wet Pit Sump and Sewage Pumps

Flows: Up to 1,025 GPM (65 LPS)
Heads: Up to 160' (49 m)
Temperatures: Up to 180°F (82°C)

- Sludge and Slurry Pumping
- Food Processing
- Abrasive Mixtures

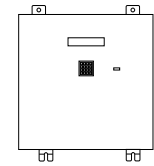


Model 680

Single Stage Vertical Wet Pit Sump and Sewage Pumps

Flows: Up to 25 GPM (2 LPS)
Heads: Up to 180' (55 m)
Temperatures: Up to 190°F (88°C)

- Lubrication and Flushing of Clean Water for Seals and Packing Boxes



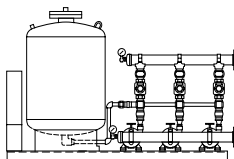
700 SERIES

Variable Speed Pumping Systems

Intelliboost

- Chilled Water Systems
- Hot Water Systems
- Booster Service

700 SERIES

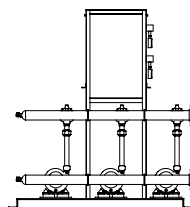


Models 750–760

Constant Pressure Booster Systems

Apco-PM
Apco-PC

- Constant Pressure Booster System

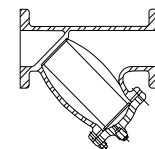


Models 770–790

CP Boss Booster Systems

CP-Boss
Duplex and Triplex

- Constant Pressure Booster System
- High Rise Building

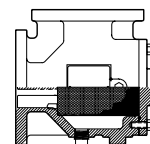


1020 Series

Y-Strainers

1/2" NPT – 16" Flanged

- 304 Stainless Steel Screen
- Threaded or Flanged



1030 Series

Suction Diffusers

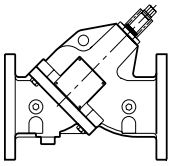
21 Sizes Up to 12" x 12"

- 304 Stainless Steel Screen
- 125# ANSI Flanges

Fluid Handling

Aurora® Pump Hydronic Accessories give you the products necessary to build a reliable HVAC system.

1000 SERIES – Hydronics Accessories

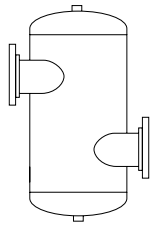


1040 Series

3DV Combination Valves

1-1/4" NPT to 12" Flanged

- Non-Slam Check Valve
- Shutoff Valve
- Throttling Valve

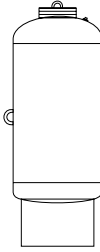


1050 Series

Air Separators

1" to 24" Pipe Inlet

- Steel Construction
- With or Without Strainers

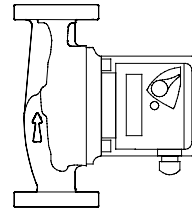


1060 Series

Expansion Tanks

7 Gallons to 211 Gallons

- Horizontal or Vertical
- Steel or Fiberglass
- ASME or Non-ASME Models

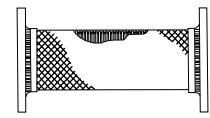


1070 Series

Circulators

• Custom In-Line Circulators

- Wet Rotor Circulators
- 3-Piece Circulators
- Dry Rotor Circulators



1090 Series

Flexible Connectors

1/2" to 14"

- Flanged Connectors
- Threaded Connectors
- Multi-Ply Connectors



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.
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