

special application

HWB High Pressure Hydraulic Pump



- Forged brass manifold for strength and durability.
- Cast aluminum body is anodized for corrosion and durability.
- Unique inlet design minimizes risk of cavitation.
- Unitized valves ensure reliability and ease of maintenance.
- Valve surfaces are machined for maximum efficiency.
- Built-in pressure tapping unloader.
- Solid ceramic plungers for long life.
- One-piece plunger guides guarantee perfect alignment and long life.
- Double seal prevents hydraulic oil leaks.
- Hydraulically actuated plunger eliminates bearing load in synchro unit.
- Oversized hydraulic ports for maximum efficiency.
- Weight: 8 kg.
- Dimensions 270mm x 121mm x 125 mm

Product No.	Max.Inlet Oil Pressure (GPM)	Pressure Ratio Factor	Max.Discharge Pressure (PSI)	Max.Inlet Oil Capacity (GPM)	Flow Ratio Factor	Max.Discharge Flow (GPM)
HWB200	3625	0.8	2900	6.6	1.0	6.6
HWB250	3020	1.2	3625	6.6	0.67	4.4
HWB300	2485	1.75	4350	6.6	0.5	3.3

AVM Series Vertical Multistage Pump



- All 304 stainless steel wetted parts (also available with 316 stainless steel wetted parts)
- Capacities to over 570 gpm
- Heads to over 880 feet
- Easily removable cartridge type mechanical seal
- In-line design saves space
- Small foot print
- Quiet design
- Ease of maintenance
- Complete line that hydraulically covers a wide range of applications

Choose from several models in the AVM series. Call for complete details

Typical Applications:

- Reverse osmosis
- Water treatment
- Cooling & air conditioning systems
- Boosting systems
- Boiler feed systems
- Irrigation
- Water feed



Close-Coupled Centrifugal Pump



The ARCTIC series of centrifugal pumps are designed for continuous duty performance. The pumps are manufactured in welded 304 stainless steel for reduced corrosion, and as a standard, are fitted with ceramic/carbon graphite/nitrile mechanical seals.

They are single stage end suction centrifugal pumps close-coupled to NEMA standard motors with enclosed impellers for maximum efficiencies.

Features

- NPT inlet and outlet connections
- Enclosed impeller
- High quality ceramic/carbon graphite/nitrile mechanical seals (other materials are available upon request)
- Choice of enclosure materials: ODP, TEFC, explosion proof
- Pump metallurgy: 304 stainless steel

Typical Applications:

- Chiller systems
- Filtration systems
- Liquid transfer
- Spray systems
- Washing & cleaning
- Water circulation

ACS1 Series



Pump Specifications

- Size (Suction x Discharge):** 1-1/4" x 1"
Flow Rate: 64 gpm max.
Pressure: 52 psi max.
Impeller Diameter: 5.75" max.

Motor Specifications

- Hertz:** 60 Hz
Speed: 3500 rpm
Available Motor Horsepower: 0.5 hp, 0.75 hp, 1.0 hp, 1.5 hp, 2.0 hp, 3.0 hp
(Specify when ordering)
- Available Motor Configurations:** 1 PH 115 / 230 V,
 3 PH 208 – 230 / 460 V,
 3 PH 575V
(Specify when ordering)

ACS2 Series

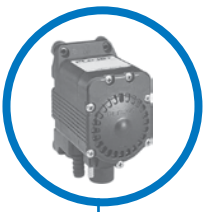


Pump Specifications

- Size (Suction x Discharge):** 1-1/2" x 1-1/4"
Flow Rate: 107 gpm max.
Pressure: 48 psi max.
Impeller Diameter: 5.4" max.

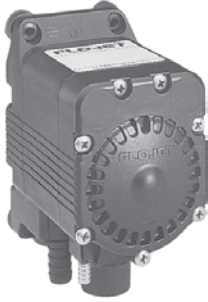
Motor Specifications

- Hertz:** 60 Hz
Speed: 3500 rpm
Available Motor Horsepower: 1.5 hp, 3.0 hp, 5.0 hp
(Specify when ordering)
- Available Motor Configurations:** 1 PH 115 / 230 V,
 3 PH 208 – 230 / 460 V,
 3 PH 575V
(Specify when ordering)



special application

G57 Air Operated Diaphragm Pump

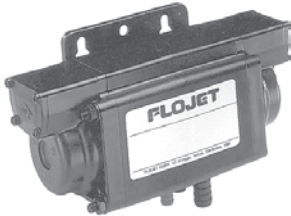


Positive displacement double diaphragm design. Chemical resistant Polypropylene housing with Santoprene® or Viton® seals. Quick disconnect ports for easy installation. Large exhaust muffler for quiet operation.

- Operating Pressure:** 20 to 100 psi.
- Fluid Inlet Pressure:** 30 psi Max.
- Fluid Temperature:** 110° F Max.
- Self-Priming:** 15 ft. / 4.5 m Dry
20 ft. / 4.5 m Dry
- Air Supply Inlet:** 1/4" Hose Barb
- Air Pressure:** 20 to 100 psi.

Product No.	Max. Flow	Mzx. Pressure	Inlet/Outlet	Seals	Weight
G573215A	5.0 gpm	100 psi	1/2" Barb	Viton	1.2 lbs
G575205A	5.0 gpm	100 psi	3/8" Barb	Santoprene	1.2 lbs
G575215A	5.0 gpm	100 psi	1/2" Barb	Santoprene	1.2 lbs

5100 Air Operated Diaphragm Pump



Positive displacement double diaphragm design. Oil resistant Acetal Copolymer housing with Santoprene® or Viton® seals. Quick disconnect ports for easy installation.

- Operating Pressure:** 75 psi Max.
- Fluid Inlet Pressure:** 15 psi Max.
- Fluid Temperature:** 120° F Max.
- Self-Priming:** 28 ft. / 8.5 m Dry
32 ft. / 9.8 m Wet
- Air Supply Inlet:** 1/4" Hose Barb
- Air Pressure:** 80 psi Max.

Product No.	Max. Flow	Mzx. Pressure	Inlet/Outlet	Seals	Weight
5100020	1.9 gpm	60 psi	3/8" Barb	Viton	1.3 lbs
5100040	1.9 gpm	75 psi	3/8" Barb	Santoprene	1.4 lbs

2100 Duplex Diaphragm Bypass Pump



Self-priming capability allows pump to be located above the liquid level. Pump can run dry without damage. Automatic demand design operates pump only when liquid flow is required. Ports can be rotated in 90° increments.

- Flow Rate:** 1.0 to 2.0 gpm Nominal
- Operating Pressure:** 50 psi Max.
- Max. Bypass Pressure:** 70 psi Max.
- Fluid Temperature:** 130° F Max.
- Priming:** 5 ft. / 1.5 m Dry
- Inlet Ports:** 3/8" NPT-F
- Outlet Port:** 3/8" NPT-F

Product No.	Max. Flow	Mzx. Pressure	Voltage	Seals	Weight
2100032	2.0 gpm	50 psi	115-Volt	Santoprene	3.8 lbs

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2130 Duplex Diaphragm Demand Pump



Self-priming capability allows pump to be located above the liquid level. Pump can run dry without damage. Pressure switch will automatically start/stop pump as required. Ports can be rotated in 90° increments.

- Flow Rate:** Up to 2.0 gpm
- Operating Pressure:** 100 psi Max.
- Max. Bypass Pressure:** 95 psi Max.
- Fluid Temperature:** 160° F Max.
- Priming:** 8 ft. / 2.4 m Dry
- Inlet Ports:** 1/4" NPT-F
- Outlet Port:** 1/4" NPT-F

Product No.	Max. Flow	Mzx. Pressure	Voltage	Seals	Weight
2130032	1.87 gpm	85 psi	115-Volt	EPDM	3.8 lbs

4100 Series Quad Pump



Chemical resistant Polypropylene housing with Santoprene and EPDM elastomers. Built-in pressure switch automatically starts/stops pump when discharge valve is opened/closed. Excellent self-priming capability

- Operating Pressure:** 40 psi Max. (No Switch)
- Fluid Temperature:** 130° F Max.
- Self-Priming:** 8 ft. (2.4m) Dry

Product No.	Max. Flow	Mzx. Pressure	Voltage	Inlet/Outlet	Seals
4100512	5.0 gpm	40 psi	115-Volt	3/4" Barb	Santo/Viton

**We Offer the Full Line of Flojet Products.
Please Contact Us for Complete Details.**

4300 Diaphragm Pump



Self-priming capability allows pump to be located above the liquid level. Pump can run dry without damage. Pressure switch will automatically start/stop pump as required. Ports can be rotated in 90° increments.

- Operating Pressure:** 40 psi Max.
- Pressure Switch:** 45 psi (Cut Out)
30 psi (Cut In)
- Fluid Temperature:** 130° F Max.
- Self-Priming:** 8 ft. / 2.4 m Dry
- Inlet Port:** 1/2" or 3/4" Hose Barb
- Outlet Port:** 1/2" or 3/4" Hose Barb

Product No.	Max. Flow	Mzx. Pressure	Voltage	Inlet/Outlet	Seals
4300042	3.5 gpm	40 psi	115-Volt	1/2" Barb	Santo/EPDM



special application

Duplex II Diaphragm Pump



Automatic Demand version. Self-priming capability allows pump to be located above the liquid level. Pump can run dry without damage. External bypass system with built-in back flow valve.

- Flow Rate:** 2.2 gpm (High Pressure)
1.6 gpm (Low Pressure)
- Operating Pressure:** 60 to 100 psi Max.
- Fluid Temperature:** 110° F Max.
- Self-Priming:** 8 ft. / 2.4 m Dry
- Inlet Ports:** 3/8" NPT-F
- Outlet Port:** 3/8" NPT-F

Product No.	Max. Flow	Mzx. Pressure	Voltage	Seals	Weight
D8635J7011	2.2 gpm	100 psi	115-Volt	Viton/EPDM	5.0 lbs

Duplex II Diaphragm Pump



Bypass system version. Self-priming capability allows pump to be located above the liquid level. Pump can run dry without damage. External bypass system.

- Flow Rate:** 1.4 gpm (Open Flow)
- Operating Pressure:** 50 to 70 psi Max.
- Fluid Temperature:** 110° F Max.
- Self-Priming:** 8 ft. / 2.4 m Dry
- Inlet Ports:** 3/8" NPT-F
- Outlet Port:** 3/8" NPT-F

Product No.	Max. Flow	Mzx. Pressure	Voltage	Seals	Weight
D8625F1411	1.4 gpm	70 psi	115-Volt	Viton/Santo	5.0 lbs

**Additional Pumps & Accessories are Available.
Please Contact Us for Complete Details!**

G57 2-Pump & 4-Pump Systems



FLOJET

Flojet's ultra-efficient, "stand-up-to-anything" G57 pump has become an industry leader. And now Flojet has raised the bar on pump performance even higher with the G57 Two-Pump and Four-Pump system. The Two-Pump system delivers flows of up to 10 GPM, while the Four-Pump system delivers a 20 GPM flow.

The G57 Two and Four-Pump systems are ideal for a host of heavy-duty industrial applications. These air-operated pumps are fitted with Santoprene® or Viton® elastomers to handle even the harshest cleaners and solvents. A patented ceramic shuttle valve ensures a lifetime of stall-free operation.

Product No.	Description
G257301A	Dual 10 GPM Air Operated Diaphragm Pump Viton Elastomers, 1/2" NPTF Manifold Liquid, 1/4" Barb Air
G257302A	Dual 10 GPM Air Operated Diaphragm Pump Viton Elastomers, 1/2" NPTF Manifold Liquid, 1/4" Quick Disconnect Elbow Air
G257501A	Dual 10 GPM Air Operated Diaphragm Pump Santoprene Elastomers, 1/2" NPTF Manifold Liquid, 1/4" Barb Air
G257502A	Dual 10 GPM Air Operated Diaphragm Pump Santoprene Elastomers, 1/2" NPTF Manifold Liquid, 1/4" Quick Disconnect Elbow Air

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