

FLOJET

CATALOG NO. 35

AUTOMOTIVE
SERVICE &
OFF ROAD
EQUIPMENT
P U M P S
& ACCESSORIES



Flojet



ITT Industries
Engineered for life





FLOJET Corporation has been an expert in special application pumps for more than 20 years, emerging as a leading global pump supplier for the automotive service and equipment industry. Emphasizing quality and design, Flojet has earned the prestigious ISO 9001 Certification for more than 4 years. With a customer service network including representatives worldwide and manufacturing facilities in both the United States and the United Kingdom, Flojet is committed to providing you with the finest products for your automotive service and off-road equipment needs.

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This catalog shows only the standard models in Flojet's automotive service equipment line of pumps. Other models of these pumps are available. Flojet manufactures a complete line of small pumps to fit most applications. Contact us for special requests and additional information.

BRAKE & PARTS WASHER PUMPS

G57 SERIES AIR OPERATED DIAPHRAGM PUMPS

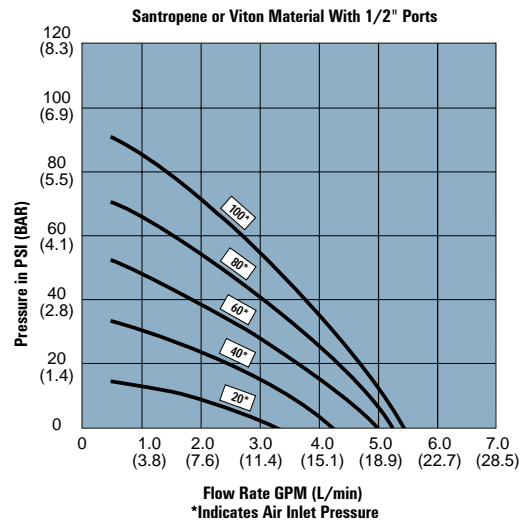
Automatic Demand Control

FEATURES

- Chemical resistant Polypropylene housing with Viton® and Santoprene® Elastomers
- Quiet operation with large exhaust muffler
- Easy installation with quick disconnect ports
- Duplex diaphragm design
- Patented shuttle valve, eliminates stalling
- Compact size



Standard Model Numbers, Santoprene® fitted	
Model No.	Fittings Description
G575205	3/8" barb port, 1/4" brass air inlet port
G575215	1/2" barb port, 1/4" brass air inlet port
G575225	3/4" barb port, 1/4" brass air inlet port
G575208	3/8" barb port, 1/4" plastic air inlet port
G575218	1/2" barb port, 1/4" plastic air inlet port
G575228	3/4" barb port, 1/4" plastic air inlet port
Standard Model Numbers, Viton® fitted	
G573205	3/8" barb port, 1/4" brass air inlet port
G573215	1/2" barb port, 1/4" brass air inlet port
G573225	3/4" barb port, 1/4" brass air inlet port
G573208	3/8" barb port, 1/4" plastic air inlet port
G573218	1/2" barb port, 1/4" plastic air inlet port
G573228	3/4" barb port, 1/4" plastic air inlet port



Specifications

Pump Design: Positive Displacement Double Diaphragm
Flow Rate: 5.0 GPM (11.9 L/min) Open Flow
Operating Pressure: 20 to 100 PSI (1.4 to 6.0 bar)
Liquid Inlet Pressure: 30 PSI (2.1 bar) Max.
Liquid Temperature: Min. 40° F (4.4° C) Max. 110° F (43.3° C)
Priming: Dry 15ft. (4.5 m) Wet 20ft. (6.1 m)
Air Supply Pressure: 20 to 100 PSI (1.4 to 6.9 bar)
Warranty: One Year

BRAKE & PARTS WASHER PUMPS

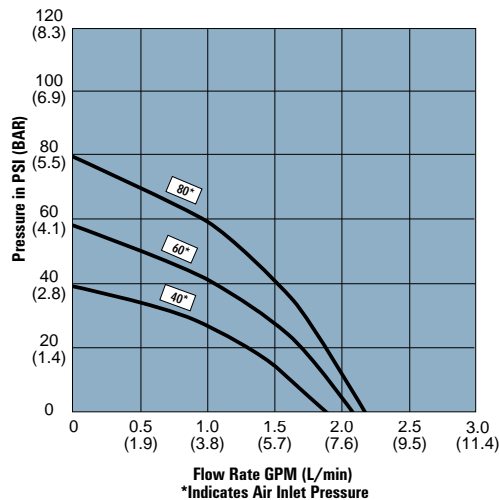


5100 SERIES AIR OPERATED DIAPHRAGM PUMPS

Automatic Demand Control

FEATURES

- Oil Resistant Acetyl Copolymer Housing with Santoprene®, Viton®, Geolast® and Buna Elastomers
- Flow Rates to 1.9 GPM (7.2 L/min)
- Operating Pressures to 75 PSI (5.2 bar)
- Duplex diaphragm design
- Compact size



Model Numbers	Standard Model Numbers Description
5100-010	Buna Elastomers, 3/8" barb port fittings, 1/4" straight plastic air inlet port fittings
5100-020	Viton® Elastomers, 3/8" barb port fittings, 1/4" straight plastic air inlet port fittings
5100-040	Santoprene® Elastomers, 3/8" barb port fittings, 1/4" straight plastic air inlet port fittings
5100-050	Geolast® Elastomers, 3/8" barb port fittings, 1/4" straight plastic air inlet port fittings

Specifications

Pump Design: Positive Displacement Double Diaphragm

Flow Rate: 1.9 GPM (7.2 L/min) Open Flow

Operating Pressure: 20 to 75 PSI (1.4 to 5.2 bar) Max.

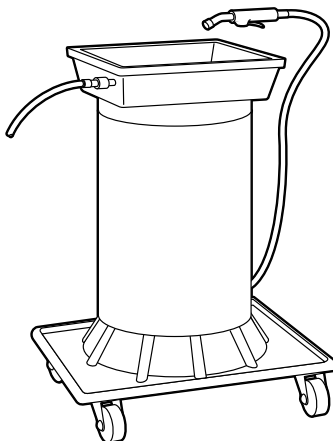
Liquid Inlet Pressure: 15 PSI (1.03 bar) Max.

Liquid Temperature: Min. 40° F (4.4° C)

Max. 110° F (43.3° C)

Priming: Dry 15 ft. (4.5 m)

Air Supply Pressure: 20 to 100 PSI (1.4 to 6.9 bar)



AUTO SERVICE EQUIPMENT PUMPS

DUPLEX II SERIES DIAPHRAGM PUMPS

Automatic Demand 115 Volt AC

FEATURES

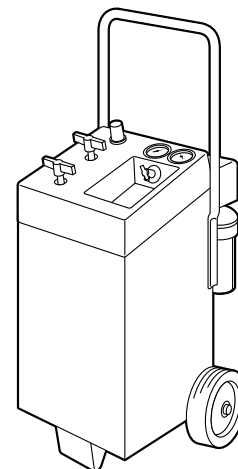
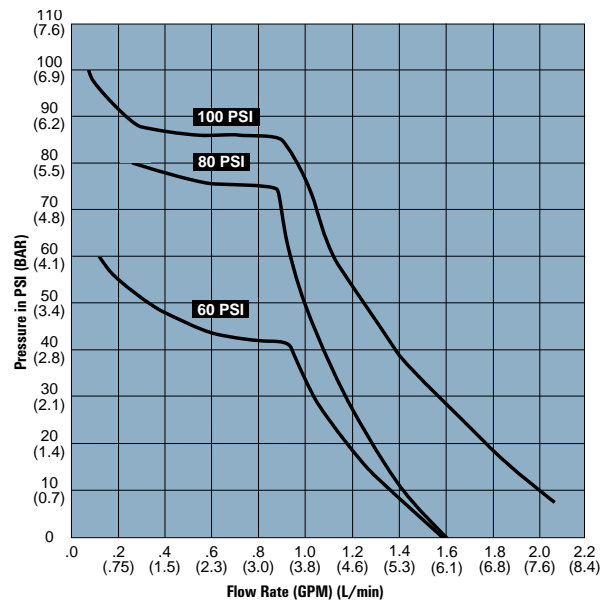
- Self Priming up to 8 feet (2.4 m)
- Can run dry without damage
- Chemical resistant materials
- External bypass system standard
- Built-in back flow valve
- Heavy duty ball bearing drive system
- Optional sealed motor



Model Numbers	Standard Model Numbers Description
D7635I7011	High Pressure Pump, Viton® Valves, Buna Diaphragm, 100 PSI (6.9 bar), Demand Switch, External Bypass
D7625I6011	Medium Pressure Pump, Viton® Valves, Buna Diaphragm, 80 PSI (5.4 bar), Demand Switch, External Bypass
D7631I5011	Low Pressure Pump, Viton® Valves, Buna Diaphragm, 60 PSI (4.1 bar), Demand Switch, External Bypass

Specifications

Pump Design: Positive Displacement Two Piston Design	
Flow Rate: High Pressure 2.2 GPM (8.6 L/min)	
Medium and Low Pressure 1.6 GPM (6.0 L/min) Open Flow	
Ports: 3/8" NPT, Female	
Motor: Permanent Magnet with Solid State Rectifier	
Cycles: 60 Hz	
Amps: High Pressure	1.0 Amps (Max.)
Low Pressure	0.8 Amps (Max.)
UL Listed	
Warranty: One Year	



AUTO SERVICE EQUIPMENT PUMPS

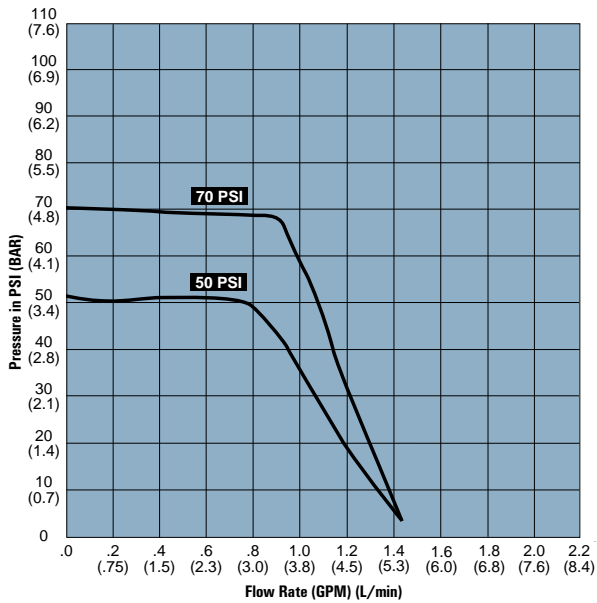
DUPLEX II SERIES DIAPHRAGM PUMPS

Bypass System 115 Volt AC



FEATURES

- Self Priming up to 8 feet (2.4 m)
- Can run dry without damage
- Chemical resistant materials
- External bypass system standard
- Heavy duty ball bearing drive system
- Optional sealed motor



Model No.	Standard Model Numbers Description
D7625I1411	High Pressure Pump, Viton® Valves, Buna Diaphragm, 70 PSI (4.8 bar), External Bypass System
D7635I1311	Low Pressure Pump, Viton® Valves, Buna Diaphragm, 50 PSI (4.1 bar), External Bypass System

Specifications

Pump Design: Positive Displacement Two Piston Design

Flow Rate: 1.4 GPM (5.3 L/min) Open Flow

Ports: 3/8" NPT, Female

Motor: Permanent Magnet with Solid State Rectifier

Cycles: 60 Hz

Amps: High Pressure 0.8 Amps (Max.)

Low Pressure 0.7 Amps (Max.)

UL Listed

Warranty: One Year

OFF ROAD EQUIPMENT SPRAY PUMPS

DUPLEX II SERIES DIAPHRAGM PUMPS

Automatic Demand 12 Volt DC

FEATURES

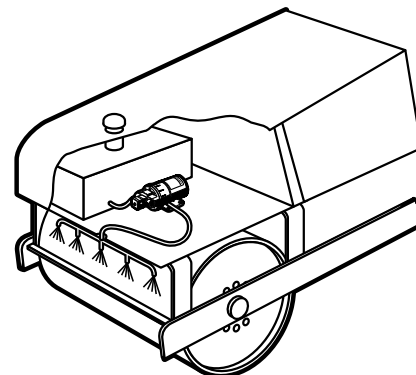
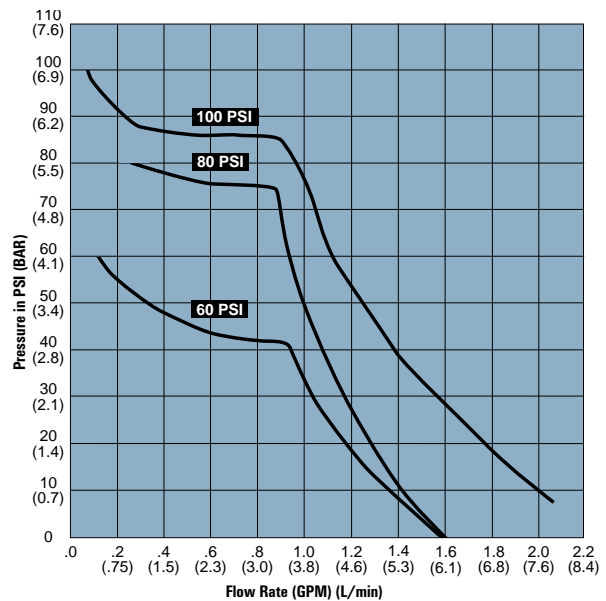
- Self Priming up to 8 feet (2.4 m)
- Can run dry without damage
- Chemical resistant materials
- External bypass system standard
- Built-in back flow valve
- Heavy duty ball bearing drive system
- Optional sealed motor



Model Numbers	Standard Model Numbers Description
D7135B7011	High Pressure Pump, Buna Valves, Buna Diaphragm, 100 PSI (6.9 bar), Demand Switch, External Bypass
D7125G6011	Medium Pressure Pump, Buna Valves, Santoprene® Diaphragm, 80 PSI (5.4 bar), Demand Switch, External Bypass
D7131G5011	Low Pressure Pump, Buna Valves, Santoprene® Diaphragm, 60 PSI (4.1 bar), Demand Switch, External Bypass

Specifications

Pump Design:	Positive Displacement Two Piston Design
Flow Rate:	High Pressure 2.2 GPM (8.6 L/min) Medium and Low Pressure 1.6 GPM (6.0 L/min) Open Flow
Ports:	3/8" NPT, Female
Motor:	Permanent Magnet with Solid State Rectifier
Cycles:	60 Hz
Amps:	High Pressure10.0 Amps (Max.) Low Pressure8.0 Amps (Max.)
Warranty:	One Year



OFF ROAD EQUIPMENT SPRAY PUMPS

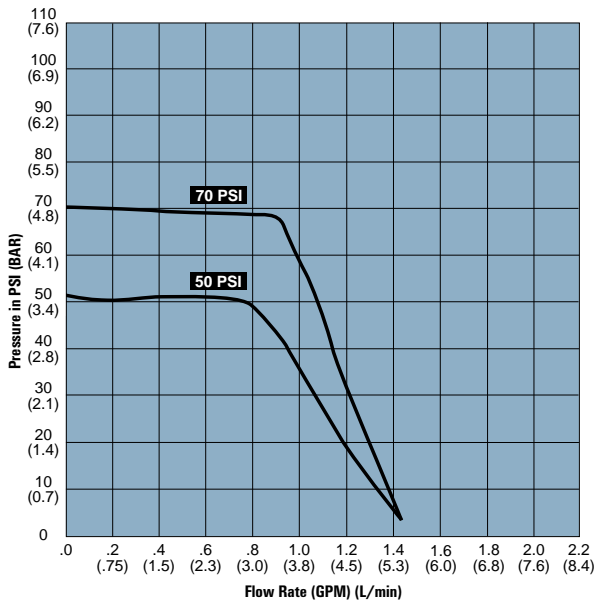
DUPLEX II SERIES DIAPHRAGM PUMPS

Bypass System 12 Volt DC



FEATURES

- Self Priming up to 8 feet (2.4 m)
- Can run dry without damage
- Chemical resistant materials
- External bypass system standard
- Heavy duty ball bearing drive system
- Optional sealed motor



Model No.	Standard Model Numbers Description
D7125G1411	High Pressure Pump, Buna Valves, Santoprene® Diaphragm, 70 PSI (4.8 bar), External Bypass System
D7131G1311	Low Pressure Pump, Buna Valves, Santoprene® Diaphragm, 50 PSI (4.1 bar), External Bypass System

Specifications

Pump Design: Positive Displacement Two Piston Design

Flow Rate: 1.4 GPM (5.3 L/min) Open Flow

Ports: 3/8" NPT, Female

Motor: Permanent Magnet with Solid State Rectifier

Cycles: 60 Hz

Amps: High Pressure 8.0 Amps (Max.)

Low Pressure 7.0 Amps (Max.)

Warranty: One Year

OFF ROAD EQUIPMENT SPRAY PUMPS

4000 SERIES DIAPHRAGM PUMPS

Automatic Demand 12 Volt DC

FEATURES

- Self Priming up to 8 feet (2.4 m)
- Can run dry without damage
- Chemical resistant materials
- Built-in back flow valve
- Heavy duty ball bearing drive system
- Fan-cooled motor stand



Model No.	Standard Model Numbers Description
4300-143	High Flow Pump, EPDM Valves, Santoprene® Diaphragm, 45 PSI (3.1 bar), Demand Switch
4300-504	High Flow Pump, Viton® Valves, Santoprene® Diaphragm, 45 PSI (3.1 bar), Demand Switch
4300-142	Low Flow Pump, EPDM Valves, Santoprene® Diaphragm, 45 PSI (3.1 bar), Demand Switch
4300-500	Low Flow Pump, Viton® Valves, Santoprene® Diaphragm, 45 PSI (3.1 bar), Demand Switch

Specifications

Pump Design: Positive Displacement, Four Chamber Design

Flow Rate: High Flow Models 5.0 GPM (18.9 L/min) Open Flow
Low Flow Models 3.5 GPM (13.3 L/min) Open Flow

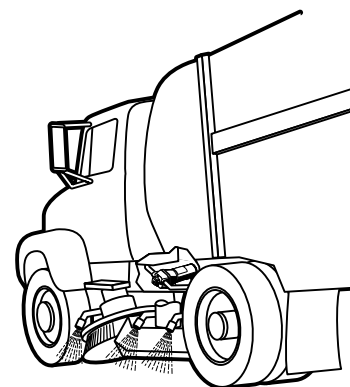
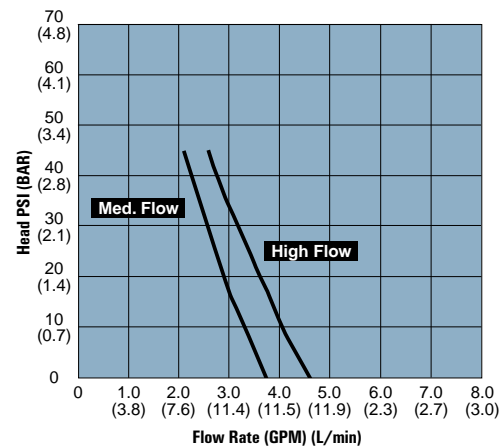
Ports: 1/2" and 3/4" Hose Barb

Motor: Permanent Magnet with Solid State Rectifier

Amps: High Flow14.0 Amps (Max.)

Low Flow9.0 Amps (Max.)

Warranty: One Year



ACCESSORIES



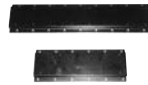
Universal Mounting Bracket

- Single brackets snap together easily for multiple pump installations.
- No additional hardware needed to mount pumps on bracket.

Applications

- For use with G Series, 5100 Series and Shurflo® air-driven pumps.
- Ideal for mounting on rack or wall.

Standard Model Numbers	
Part Number	Description
20982-100A	Single Pump Mounting Bracket



Metal Mounting Bracket

- Bracket can be mounted vertically or horizontally.
- Screws for mounting pumps to bracket included.
- Black enamel finish resists corrosion.

Applications

- For use with G Series and 5100 Series pumps.
- Ideal for mounting on rack or wall.

Standard Model Numbers	
Part Number	Description
11028-508	Three Pump Metal Mounting Bracket
11028-509	Two Pump Metal Mounting Bracket



Strainers

- Keeps debris and particles from entering your FLOJET pump.
- Low profile design, for space saving installation.
- Threaded bowl makes cleaning quick and easy.

Part Number	Standard Model Numbers		
	Inlet	Outlet	Screen
01720-002	1/2" Barb	1/2" Barb	20 Mesh SS
01720-003	3/8" Barb	3/8" Barb	20 Mesh SS
01720-102	1/2" Barb	1/2" Barb	20 Mesh PP
01720-103	3/8" Barb	3/8" Barb	20 Mesh PP
01740-002	1/2" Barb	1/2" Barb	40 Mesh SS
01740-003	3/8" Barb	3/8" Barb	40 Mesh SS

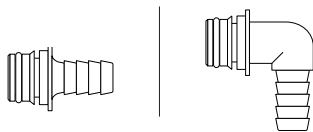
SS=Stainless Steel PP=Polypropylene

FITTINGS

ELECTRIC PUMP FITTINGS

Plastic (Polypropylene) Product Inlets & Outlets

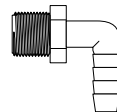
- For use with all G57 Series and 4000 Series Pumps.



Part Number	Description
20381-026	10-13 mm (3/8"-1/2") Hose Barb, Straight (EP)
20381-002	1/2" Hose Barb, Straight (EP)
20381-015	1/2" Hose Barb, Straight (Viton®)
20381-024	10-13 mm (3/8"-1/2") Hose Barb, Elbow (EP)
20381-009	1/2" Hose Barb, Elbow (EP)
20381-017	1/2" Hose Barb, Elbow (Viton®)
20381-006	3/4" Hose Barb, Straight (EP)
20381-014	3/4" Hose Barb, Straight (Viton®)
20381-010	3/4" Hose Barb, Elbow (EP)
20381-018	3/4" Hose Barb, Elbow (Viton®)

Nylon Barbed Elbow

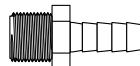
- For use with all Duplex II Series (3/8" NPT only).



Part Number	Description
91010-001	3/8" NPT Male x 3/8" Barb
91010-003	1/4" NPT Male x 3/8" Barb
91010-005	3/8" NPT Male x 1/2" Barb
91010-033	3/8" NPT Male x 1/4" Barb
91010-052	1/4" NPT Male x 1/4" Barb

Nylon Barbed Straight

- For use with all Duplex II Series (3/8" NPT only).



Part Number	Description
91010-002	3/8" NPT Male x 3/8" Barb
91010-004	1/4" NPT Male x 3/8" Barb
91010-006	3/8" NPT Male x 1/2" Barb
91010-032	3/8" NPT Male x 1/4" Barb
91010-053	1/4" NPT Male x 1/4" Barb

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- Floor Maintenance Pumps & Accessories P/N F100-224
 - Car Wash Equipment Pumps & Accessories P/N F100-225
 - Automotive Equipment Pumps & Accessories P/N F100-226
 - Industrial Pumps & Accessories P/N F100-227
 - Agriculture Pumps & Accessories P/N F100-228
 - Water Products Pumps & Accessories P/N F100-174
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Earned and awarded the ISO 9001 Certification for its quality systems, FLOJET Corporation USA has been committed to providing quality products and services worldwide. With over 20 years experience, FLOJET is dedicated to serving you, the customer with representatives worldwide, and an additional sales and manufacturing facility in the United Kingdom.

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