



if it flows,
we go with it

1.800.665.4499
barrplastics.com

FLOJET®

Flojet VERSJet™ Series HIGH CAPACITY PUMPS



The New VERSJet High Capacity Pumps are backed by Flojet's diaphragm pump technology, a brand enjoying over 35 years of operational excellence. The innovative new and improved five chamber design offers unequalled performance, capable of handling up to 6 GPM at open flow.

With pressures up to 70 psi (4.8 Bar), self-priming capabilities up to 10 feet (wetted), and heavier duty brushes extending the operating life up to 50% longer than existing Flojet Quad Series diaphragm pumps, the Flojet VERSJet pumps are designed to be the most reliable and versatile pumps on the market today. These pumps are the ideal solution for applications including spraying, fluid transfer, filtration, cooling, dispensing and pressure boosting.

The Flojet VERSJet Series High Capacity Pumps are made from Santoprene®/EPDM and Santoprene®/Viton®, resulting in true compatibility with most harsh and abrasive chemicals.

Features and Benefits

- Multiple sizing options, providing flow up to 6 GPM (22.7 LPM) and pressure up to 70 PSI (4.8 Bar)
- Robust material selection, suitable for handling a broad range of chemicals
- Co-injected molded diaphragm technology, ensuring run dry capability, extending the life of the pump upwards of 50%
- Sealed motor and pressure switch, ensuring years of dependable reliability
- Self priming, accommodating up to 10ft (3m) (wetted)



Engineered for life



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VERSIJET SERIES | HIGH CAPACITY PUMPS



Applications



General Industrial

- Chemical washdown
- Evaporative Cooling Systems
- Fluid Transfer



Agricultural

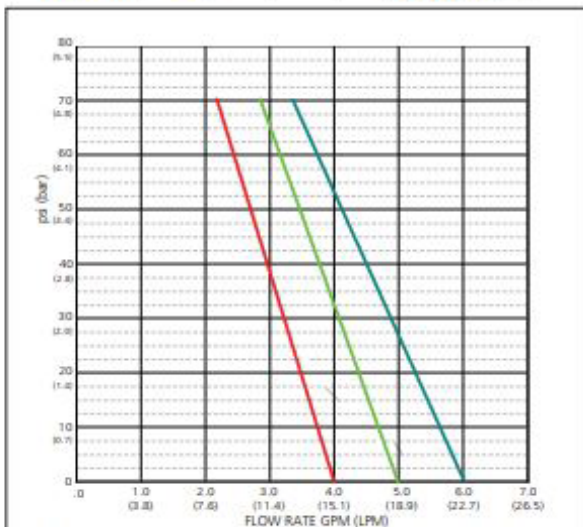
- Fogging / Misting
- Boom Sprayers (to reach tree tops)



Automotive

- DEF (Diesel Exhaust Fluid) Transfer
- Fluid Exchange

Head-Flow Chart



Santoprene® and Viton® are registered trademarks of DuPont Performance Elastomers.

4.0 GPM

PSI	GPM	AMPS
0	4.0	3.6
10	3.8	5.0
20	3.5	6.4
30	3.3	7.8
40	3.0	9.0
50	2.7	10.1
60	2.5	11.1
70	2.2	12.0

5.0 GPM

PSI	GPM	AMPS
0	5.0	5.5
10	4.7	7.9
20	4.4	9.5
30	4.1	10.9
40	3.8	12.1
50	3.4	13.1
60	3.1	14.0
70	2.8	14.7

6.0 GPM

PSI	GPM	AMPS
0	6.0	5.5
10	5.7	7.9
20	5.3	9.5
30	4.9	10.9
40	4.5	12.1
50	4.1	13.1
60	3.7	14.0
70	3.3	14.7

15.1 LPM

BAR	LPM	AMPS
0	15.1	3.6
0.7	14.2	5.0
1.4	13.3	6.5
2.0	12.3	7.8
2.8	11.3	9.0
3.4	10.3	10.1
4.1	9.3	11.1
4.8	8.3	12.0

18.9 LPM

BAR	LPM	AMPS
0	18.9	5.5
0.7	18.1	7.9
1.4	16.8	9.5
2.0	15.5	10.9
2.8	14.2	12.1
3.4	13.0	13.1
4.1	11.9	14.0
4.8	10.6	14.7

22.7 LPM

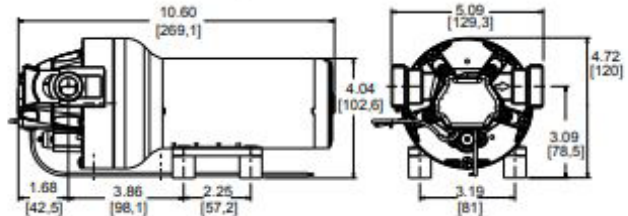
BAR	LPM	AMPS
0	22.7	5.5
0.7	21.4	7.9
1.4	20.0	9.5
2.0	18.5	10.9
2.8	17.0	12.1
3.4	15.5	13.1
4.1	14.0	14.0
4.8	12.5	14.7

Note: Pressure, flow and Amp data is tested at 12.8 volts.

Specifications

Motor Design	Perm. Magnet TENV (non-ventilated)
Voltage Options	12 VDC, 24 VDC, 115 VAC, 230 VAC
Pump Head Material	Glass Filled Nylon
Diaphragm Elastomer	Santoprene®
Check Valve Materials	Glass Filled Nylon, EPDM or Viton®
Maximum Flow Rate	6.0 GPM (22.7 LPM)
Maximum Pressure	70 PSI (4.8 Bar)
Duty Cycle	Intermittent
Weight	7.6 lbs. (3.5 Kg)
Certifications	CE, RoHS
Standard Port Size Inlet/Outlet	1/2" HB (4 GPM), 3/4" HB (5 and 6 GPM)

Dimensional Drawing - 5 GPM / 6 GPM models



Note: 4 GPM model overall length 9.91 in. (251.7 mm). All other dimensions are the same as the 5 GPM / 6 GPM models. Dimensions in inches (mm)

Part No.	Volts	GPM (LPM)	Switch PSI (BAR)	Diaphragm	Check Valve
RB400144	12	4 (15.1)	70 (4.8)	Santo	EPDM
RB400344	24	4 (15.1)	70 (4.8)	Santo	EPDM
RB400044	115	4 (15.1)	70 (4.8)	Santo	EPDM
RB400244	230	4 (15.1)	70 (4.8)	Santo	EPDM
RB400134	12	4 (15.1)	70 (4.8)	Santo	Viton
RB400334	24	4 (15.1)	70 (4.8)	Santo	Viton
RB400034	115	4 (15.1)	70 (4.8)	Santo	Viton
RB400234	230	4 (15.1)	70 (4.8)	Santo	Viton

Part No.	Volts	GPM (LPM)	Switch PSI (BAR)	Diaphragm	Check Valve
RB500144	12	5 (18.9)	70 (4.8)	Santo	EPDM
RB500344	24	5 (18.9)	70 (4.8)	Santo	EPDM
RB500044	115	5 (18.9)	70 (4.8)	Santo	EPDM
RB500244	230	5 (18.9)	70 (4.8)	Santo	EPDM
RB500134	12	5 (18.9)	70 (4.8)	Santo	Viton
RB500334	24	5 (18.9)	70 (4.8)	Santo	Viton
RB500034	115	5 (18.9)	70 (4.8)	Santo	Viton
RB500234	230	5 (18.9)	70 (4.8)	Santo	Viton

Part No.	Volts	GPM (LPM)	Switch PSI (BAR)	Diaphragm	Check Valve
RB600144	12	6 (22.7)	70 (4.8)	Santo	EPDM
RB600344	24	6 (22.7)	70 (4.8)	Santo	EPDM
RB600044	115	6 (22.7)	70 (4.8)	Santo	EPDM
RB600244	230	6 (22.7)	70 (4.8)	Santo	EPDM
RB600134	12	6 (22.7)	70 (4.8)	Santo	Viton
RB600334	24	6 (22.7)	70 (4.8)	Santo	Viton
RB600034	115	6 (22.7)	70 (4.8)	Santo	Viton
RB600234	230	6 (22.7)	70 (4.8)	Santo	Viton