

FLOJET®

Flojet VERSIJet™ Series HIGH CAPACITY PUMPS



The New VERSIJet 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 VERSIJet 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.

Features and Benefits

- Flow rates up to 6 GPM (22.7 LPM) and pressure of up to 70 PSI (4.8 Bar)
- Constructed from a selection of materials suitable for handling a broad range of chemicals
- Flojet's patented co-injected molded diaphragm and larger motor brushes, significantly extends pump life up to 50% longer than existing Flojet Quad Series diaphragm pumps
- Sealed motor and pressure switch provide years of dependable reliability
- Self priming up to 10 ft (3m) (wetted)
- IPX6 rated



Engineered for life



Applications



General Industrial

- Chemical washdown
- Evaporative Cooling Systems



Agricultural

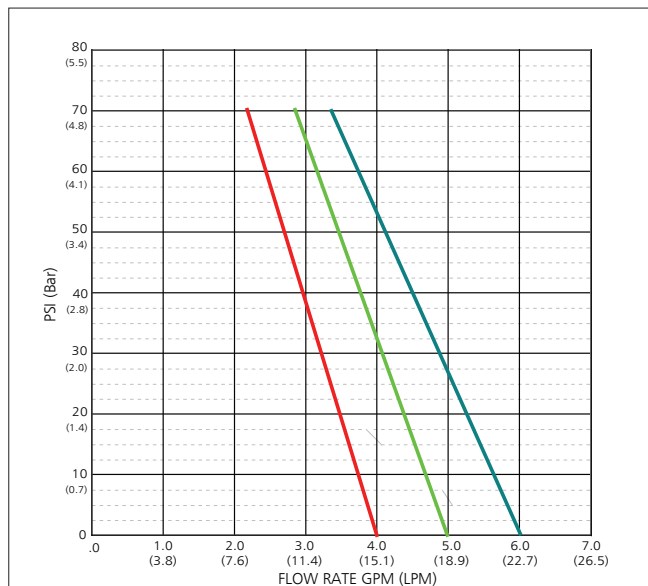
- Fogging / Misting



Automotive

- Fluid Exchange

Head-Flow Chart



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	7.4
10	5.7	8.3
20	5.3	10.1
30	4.9	11.6
40	4.5	13.0
50	4.1	14.4
60	3.7	15.2
70	3.3	15.6

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

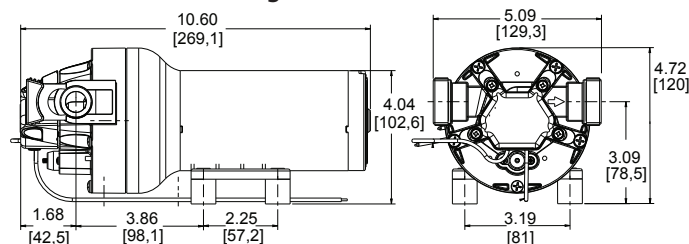
BAR	LPM	AMPS
0	22.7	7.4
0.7	21.4	8.3
1.4	20.0	10.1
2.0	18.5	11.6
2.8	17.0	13.0
3.4	15.5	14.4
4.1	14.0	15.2
4.8	12.5	15.6

Note: Pressure, flow and Amp data is tested at 12.8 volts.
See Flojet R7300 series for 7.0 GPM models.

Specifications

Motor Design	Perm. Magnet TENV (non-ventilated)
Voltage Options	12 VDC, 24 VDC
Pump Head Material	Glass Filled Nylon
Diaphragm Elastomer	Santoprene®
Check Valve Materials	Glass Filled Nylon, EPDM
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, IPX6
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
R8400144	12	4.0 (15.1)	70 (4.8)	Santo	EPDM
R8400344	24	4.0 (15.1)	70 (4.8)	Santo	EPDM
R8500144	12	5.0 (18.9)	70 (4.8)	Santo	EPDM
R8500344	24	5.0 (18.9)	70 (4.8)	Santo	EPDM
R8600144	12	6.0 (22.7)	70 (4.8)	Santo	EPDM
R8600344	24	6.0 (22.7)	70 (4.8)	Santo	EPDM

Santoprene® is a registered trademark of Monsanto.



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