

Applications



- **General Industrial**
 - Chemical Washdown
 - Evaporative Cooling Systems
 - Fluid Transfer

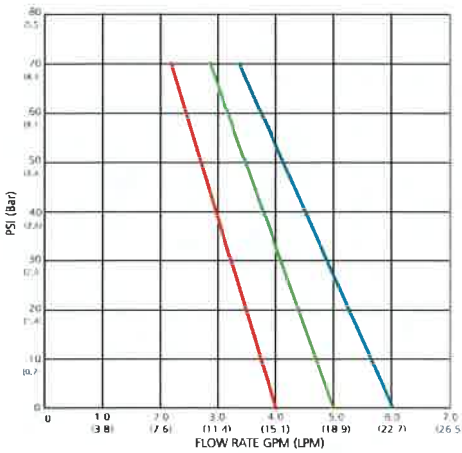


- **Agricultural**
 - Fogging / Misting
 - Boom Sprayers (to reach tree tops)



- **Automotive**
 - DEF (Diesel Exhaust Fluid) Transfer
 - Fluid Exchange Exhaust Cleaning

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		
PSI	GPM	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		
PSI	GPM	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

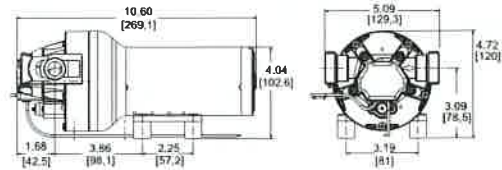
22.7 LPM		
PSI	GPM	AMPS
0	22.7	7.4
0.7	21.4	8.3
1.4	20.0	10.1
2.0	18.5	11.6
2.8	17.0	13.0
3.4	15.5	14.4
4.1	14.0	15.2
4.8	12.5	15.6

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, 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	7.6lbs (3.5kg)
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 9.91in (251.7mm). 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 (15.1)	70 (4.8)	Santo	EPDM
R8400344	24	4 (15.1)	70 (4.8)	Santo	EPDM
R8400044	115	4 (15.1)	70 (4.8)	Santo	EPDM
R8400244	230	4 (15.1)	70 (4.8)	Santo	EPDM
R8400134	12	4 (15.1)	70 (4.8)	Santo	Viton
R8400334	24	4 (15.1)	70 (4.8)	Santo	Viton
R8400034	115	4 (15.1)	70 (4.8)	Santo	Viton
R8400234	230	4 (15.1)	70 (4.8)	Santo	Viton

Part No.	Volts	GPM (LPM)	Switch PSI (Bar)	Diaphragm	Check Valve
R8500144	12	5 (18.9)	70 (4.8)	Santo	EPDM
R8500344	24	5 (18.9)	70 (4.8)	Santo	EPDM
R8500044	115	5 (18.9)	70 (4.8)	Santo	EPDM
R8500244	230	5 (18.9)	70 (4.8)	Santo	EPDM
R8500134	12	5 (18.9)	70 (4.8)	Santo	Viton
R8500334	24	5 (18.9)	70 (4.8)	Santo	Viton
R8500034	115	5 (18.9)	70 (4.8)	Santo	Viton
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Part No.	Volts	GPM (LPM)	Switch PSI (Bar)	Diaphragm	Check Valve
R8600144	12	6 (22.7)	70 (4.8)	Santo	EPDM
R8600344	24	6 (22.7)	70 (4.8)	Santo	EPDM
R8600044	115	6 (22.7)	70 (4.8)	Santo	EPDM
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Viton® is registered trademark of DuPont Performance Elastomers



Let's Solve Water

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