

PowerFLO™ 5800/5900 – 5 Chamber

Max Flow

5830/5930: 3.0 GPM

5836/5936: 3.6 GPM

5840/5940: 4.0 GPM

5850/5950: 5.3 GPM

Max Pressure: 100 PSI

Specifications

Motor

Type: 12 VDC or 115 VAC permanent magnet, totally enclosed, non-ventilated

Leads: 14 AWG, 12" long

Duty Cycle: See Heat Rise graph below

Temperature Limits: Motor is not equipped with thermal protection. For user safety, optimal performance, and maximum motor life, the motor surface temperature should not exceed 180°F (82°C) (See Heat Rise graph below).



Pump

Type: 5 chamber positive displacement diaphragm pump, self priming, capable of being run dry, demand or bypass mode

Certifications: NSF Standard 58

Liquid Temperature: 140°F (60°C) Max.

Priming Capabilities: 14 feet (4 m)

Max Pressure: 100 PSI (7 bar)

Inlet/Outlet Ports: Quick Attach or 1/2" FNPT

Materials of Construction

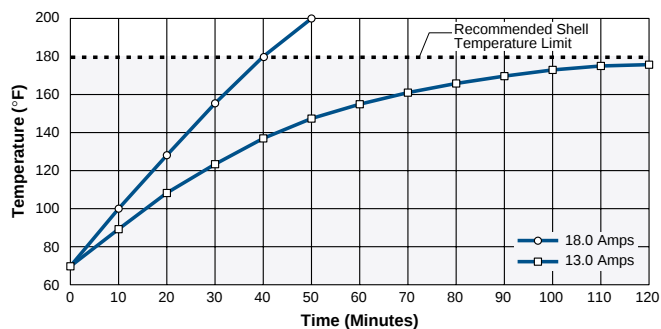
Housings: Polypropylene

Valves: Viton

Diaphragm: Santoprene

Fasteners: Stainless steel

Heat Rise



Approximate values, actual values will vary with ambient temperature.

See page 46-47 for complete information on these and other PowerFLO accessories

Performance

	5830/5930		5836/5936		5840/5940		5850/5950	
PSI	GPM	Amps	GPM	Amps	GPM	Amps	GPM	Amps
10	3.20	3.5	3.6	4.0	4.0	4.8	5.3	6.0
20	2.80	5.8	3.1	5.9	3.7	6.1	4.50	9.0
30	2.65	7.2	2.8	7.5	3.1	7.7	4.10	11.0
40	2.45	8.3	2.6	8.9	2.7	9.6	3.80	13.0
50	2.20	9.1	2.4	9.7	2.5	10.8	3.55	14.6
60	2.00	9.9	2.2	10.5	2.4	11.3	3.20	16.3

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Ordering - Model Number Configurator

Select the appropriate order code from each of the designated categories below to build a complete pump model number. **For example: 5930-101A-A38**

	Order Code	
Pump Head	58	5 chambers with 1/2" FNPT ports
	59	5 chambers with quick attach ports
Open Flow	30	3.0 GPM
	36	3.6 GPM
	40	4.0 GPM
	50	5.3 GPM
Motor Configuration	1	lead wires
	2	2-pin connector (5830 & 5930 only)
	3	2-pin connector with on/off switch (5830 & 5930 only)
Pump Type	0	Demand
	1	Bypass
Motor Voltage	1	12 VDC
	3	115 VAC
	4	115 VAC with 4' cord (UL listed)
Pressure Shut-Off	A	30 PSI
	B	40 PSI
	C	45 PSI
	D	50 PSI
	E	60 PSI
	F	70 PSI
	W	90 PSI
	Y	100 PSI
Inlets/Outlets*	A38	3/8" straight hose barb
	A12	1/2" straight hose barb
	A34	3/4" straight hose barb
	E38	3/8" elbow hose barb
	E34	3/4" elbow hose barb
	E12	1/2" elbow hose barb
	T38	T-Fitting– 3/8" hose barb x 3/4" MGHT
	T38G	T-Fitting with 1/4" NPT gauge port– 3/8" hose barb x 3/4" MGHT
	T12	T-Fitting– 1/2" hose barb x 3/4" MGHT
	T12G	T-Fitting with 1/4" NPT gauge port– 1/2" hose barb x 3/4" MGHT
	T34	T-Fitting– 3/4" hose barb x 3/4" MGHT
	T34G	T-Fitting with 1/4" NPT gauge port– 3/4" hose barb x 3/4" MGHT

*Quick attach fittings available on 5900 models only)

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Dimensions Inches (mm)

5830/5930: 3.0 GPM

5836/5936: 3.6 GPM

Weight 6 lbs (2.7 kg)

5840/5940: 4.0 GPM

5850/5950: 5.3 GPM

Weight 8 lbs (3.6 kg)

