



SHURFLO® AQUA KING™ II FRESH WATER PUMPS JUNIOR 2.0 GPM AND STANDARD 3.0 GPM

THE LATEST SERIES IN THE PENTAIR / SHURFLO LINE OF FRESH WATER PUMPS



FEATURES & BENEFITS

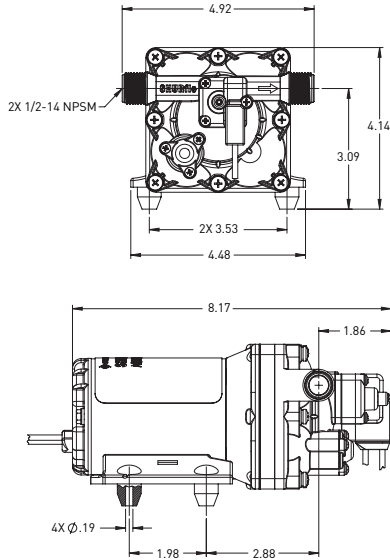
SHURFLO's New 4128 and 4138 series fresh water pump design was created with unique over-molded single-piece diaphragm and internal by-pass (3.0 version only), assuring long life and top performance in all plumbing systems. Designed as the next legendary pump to exceed the expectations of our customers, the 4128 and 4138 series pumps are constructed for smooth flow and no rapid cycling. SHURFLO's quality reputation has been built on the reliability and dependability of every pump we build. The 4128 and 4138 series fresh water automatic demand pumps are quiet, thermally protected and can run dry without damage.

- | 2901 / 3901 Replacement
- | Sealed Switch
- | Sealed Motor
- | Corrosion Resistant Electro Coated Motor
- | 4 Independent Chambers
- | Built-in Check Valve
- | Co-Molded Diaphragm
- | Adjustable Switch
- | Adjustable By-pass (3.0 version only)
- | Self-priming up to 6 feet
- | Dry Run Capability
- | Thermally Protected
- | Ignition Protected, CE

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SPECIFICATIONS

MODELS	4128 JUNIOR 2.0	4138 STANDARD 3.0
PERFORMANCE	12 VOLTS	12 VOLTS
PRESSURE	30 PSI [2.0 BAR] Max	55 PSI [3.8 BAR] Max
FLOW	2.0 GPM [7.6 LPM]	3.0 GPM [11.4 LPM]
CURRENT	3.5 Amps	6.5 Amps

PUMP DESIGN		
TYPE	4 Chamber Diaphragm Pump	4 Chamber Diaphragm Pump
PORTS	1/2" - 14 NPSM-Male	1/2" - 14 NPSM-Male
LIQUID	130° F [54° C] Max	130° F [54° C] Max
DRY-PRIME	6 Feet [1.82 Meters]	6 Feet [1.82 Meters]
RUN DRY	Yes	Yes
INLET PRESSURE	30 PSI [2.06 Bar] Max	30 PSI [2.06 Bar] Max

4128 TYPICAL PERFORMANCE AT 12V

PRESSURE		FLOW		CURRENT
BAR	PSI	GPM	LPM	AMPS
0	0	2.1	7.6	1.5
0.3	5	1.8	6.8	2.0
0.7	10	1.6	6.0	2.5
1.0	15	1.5	5.6	2.8
1.4	20	1.3	4.9	3.1
1.7	25	1.2	4.5	3.4
2.0	30	1.1	4.1	3.6

4138 TYPICAL PERFORMANCE AT 12V

PRESSURE		FLOW		CURRENT
BAR	PSI	GPM	LPM	AMPS
0	0	3.0	11.3	1.9
0.7	10	2.1	7.9	3.1
1.4	20	1.7	6.4	4.0
2.1	30	1.5	5.7	4.7
2.8	40	1.2	4.5	5.5
3.4	50	0.7	2.6	6.1
4.1	60	0	0	6.2

ELECTRICAL		
MOTOR*	12 VDC Permanent Magnet, Intermittent Duty	12 VDC Permanent Magnet, Intermittent Duty
PROTECTION	Thermal Overload, Automatic Restart	Thermal Overload, Automatic Restart
LEADS	14 AWG, 14 3/4" [37 cm] Red +, 15" [38 cm] Black	14 AWG, 14 3/4" [37 cm] Red +, 15" [38 cm] Black
FUSE	5 AMP Recommended	7.5 AMP Recommended
CONTROL	Shut-Off 30 PSI [2.0 Bar] ± 2 PSI [0.13 Bar] Re-start 15 PSI [1.0 Bar] ± 2 PSI [0.13 Bar]	Shut-Off 55 PSI [3.8 Bar] ± 2 PSI [0.13 Bar] Re-start 40 PSI [2.8 Bar] ± 2 PSI [0.13 Bar]

MATERIALS OF CONSTRUCTION	
HOUSINGS	Polypro
VALVES/SEALS	EPDM
DIAPHRAGM	Santoprene
HARDWARE	Stainless Steel

AGENCY APPROVALS	
APPROVALS	Ignition Protection 8846, CE, IMCI Certified

* 24 VDC Models Available for 4138 only.



FLOW MANAGEMENT SOLUTIONS

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