

MARINE PRODUCT DATA SHEET

OEM

8050-224-173

AFTERMARKET

**Aqua King Junior****TYPICAL APPLICATIONS**

Multi-fixture marine potable water installations. Other uses may include 12 VDC pressurized water systems in cabins. This pump may be used for general water transfer. For other applications, contact SHURflo.

PUMP

Type: 3 Chamber Diaphragm
 Ports: 1/2"-14 NPSM-Male
 Liquid: 130 °F [54 °C] Max
 Prime: 6 feet [1.82 M]
 Inlet PSI: 30 PSI [2.1 Bar] Max
 Run Dry: Yes

ELECTRICAL

Motor: 12VDC Permanent Magnet, Intermittent Duty
 Protection: Thermal Overload, Automatic Restart
 Leads: 16 AWG, 16" [40 cm] Red +, 13" [33 cm] Black -
 Fuse: 10 Amp Recommended
 Control: Adjustable Switch with Check Valve
 Shut-Off 30 PSI [3.1 Bar] $\pm$ 5 PSI [0.4 Bar]
 Restart 18 PSI [1.8 Bar] $\pm$ 5 PSI [0.4 Bar]

MATERIALS

Housing: Polypropylene
 Valves: EDPM
 Diaphragm: Santoprene
 Hardware: Stainless Steel

APPROVALS

UL Marine, Ignition Protected, ISO 8846, c-UL

WARRANTY

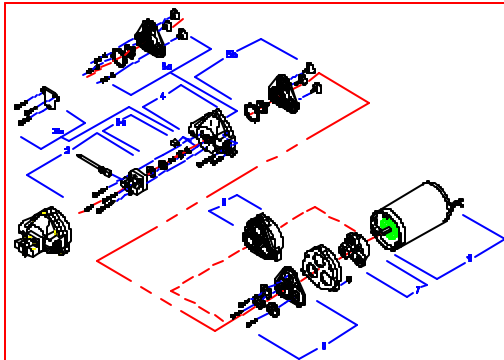
5 Year Limited Warranty
 See SB-1050 For Full Warranty Details

SHIPPING

Net Weight (Boxed): 4.6 Lb [2.1Kg] each
 Carton Weight: 12 each, 56 Lb [25 Kg]
 Carton Size: 24"L x 18"W x 11"H
 [61cm x 46cm x 28cm]

RELATED DOCUMENTS

Catalog: MS-030-084
 Installation Manual: 911-448
 Maintenance: 911-448
 Applications Spec Guide: MS-020-005
 Warranty: SB-1050



Number	Components	Parts Kits
1	Pump Head	94-380-33
2	Switch Assy.	94-375-13
3A	Check Valve	94-374-16
4	Upper Housing	94-378-00
5B	Valve Assembly	94-390-06
6	Diaphragm	94-395-06
7	Drive	94-385-25
8	Drive Assy.	Call SHURflo
9	Motor	11-148-06



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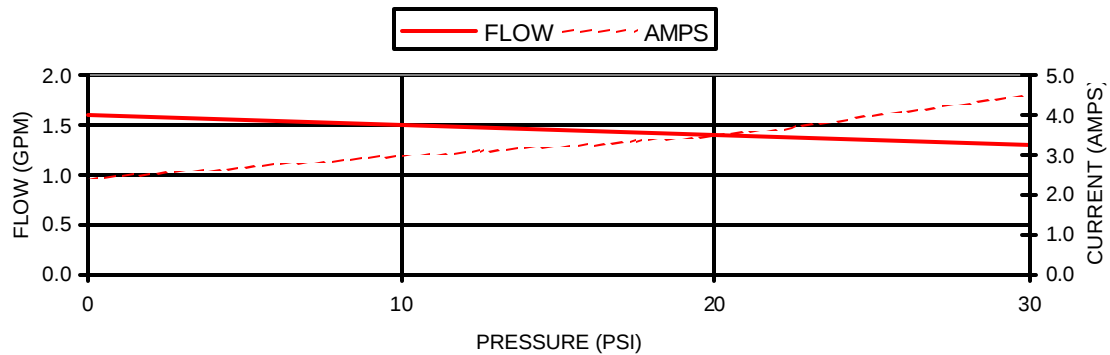
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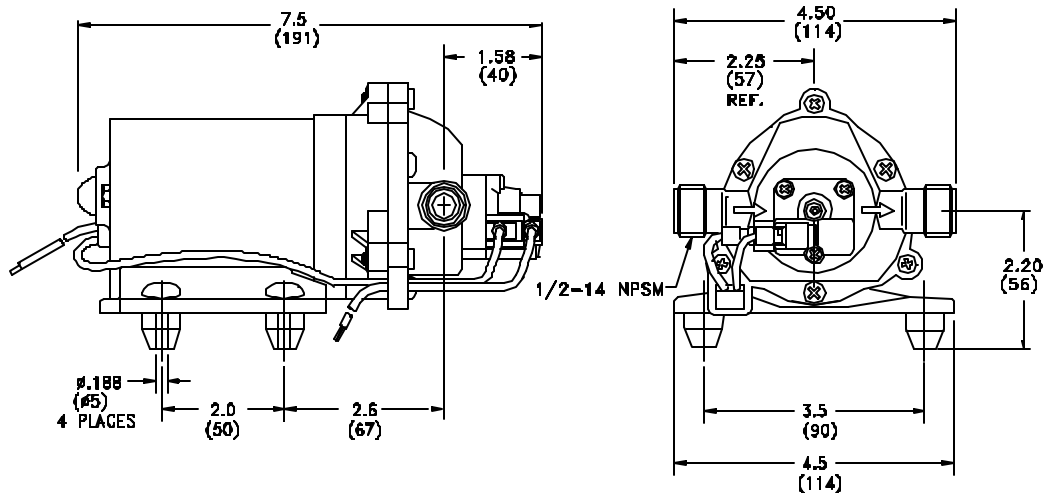


TYPICAL PERFORMANCE @ 12V DC

PRESSURE		FLOW		CURRENT
BAR	PSI	GPM	LPM	AMPS
0.0	0	1.6	6.0	2.4
0.7	10	1.5	5.6	3.0
1.4	20	1.4	5.2	3.5
2.1	30	1.3	4.9	4.5



DIMENSIONS



For technical advice or service please take your pump into your local pump service center.

To order pump or parts or for pricing please go to the following links :

[Shurflo Pumps Home >>](#)

[Shurflo Pumps stock list >>](#)