

SHURFLO AQUA KING TM II SUPREME 5.0 MARINE FRESH WATER PUMP – PRODUCT TECHNICAL DATA SHEET

OEM: 4158-153-A75 AFTERMARKET: 4158-153-E75



APPLICATION:

Multi-fixture Marine fresh water pump installation. This pump may be used for general fresh water transfer

PUMP DESIGN:

Type: 4 Chamber Diaphragm pump

Check Valve: (1-way operation) Prevents Reverse Flow

Ports: ½"-14 NPSM-Male Liquid: 130°F [54°C] Max Dry-Prime: 6 feet [1.82 M]

Run Dry: Yes

Inlet Pressure: 30 PSI Max. [2.06 Bar]

ELECTRICAL:

Motor: 12V DC Permanent Magnet, Intermittent Duty.

Protection: Thermal Overload, Automatic Restart

Leads: 14 AWG, 14 3/4" [37 cm] Red +, 15" [38 cm] Black

Fuse: 20 Amp Recommended

Control: Shut-Off 55 PSI [3.8 Bar] ± 2 PSI [0.13 Bar]

Re-start 40 PSI [2.8 Bar] ± 2 PSI [0.13 Bar]

Maximum By-Pass 65 PSI [4.5 Bar]± 2 PSI [0.13 Bar]

MATERIALS OF CONSTRUCTION:

Housings: Polypro
Valves/Seals: EPDM
Diaphragm: Santoprene
Hardware: Stainless Steel

AGENCY APPROVALS:

Ignition Protection 8846, CE, IMCI Certified

SHIPPING INFORMATION:

Approx. Net Weight: 7.9 Pounds [3.5 Kg] ea.

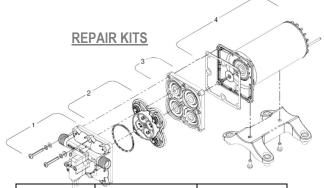
Carton Qty.: 6

Approx. Carton Weight: 50 Lbs. [22.6 Kg]

Approx. Carton Size: 24"L X 18"W X 6"H [61cm x 46cm x 15cm]
Retail (individual) box: 12"L X 6"W X 6"H [30cm x 15cm x 15cm]

Aftermarket model includes:

- 50 Mesh strainer: swivel straight adapter ½ 14 NPT (hex-wing nut) X ½-14 NPS (male)
- Fittings: swivel straight adapter ½-14 NPT (hex-wing nut) x ½ barb (Qty. 2)



THE TAIL				
Number	Description	Part Number		
*1	Upper Assembly	94-801-10		
2	Valve Assembly	94-800-01		
3	Drive Assembly	94-801-12		
4	Motor/Gasket	94-71-000-17		
*1,2,3	Pump Head	94-801-13		
Not Shown	Check Valve	94-800-03		

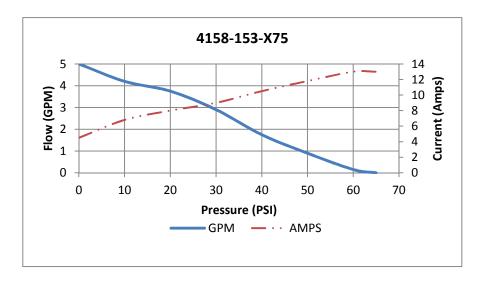
^{*}With preset switch and by-pass adjustment

RELATED DOCUMENTS:

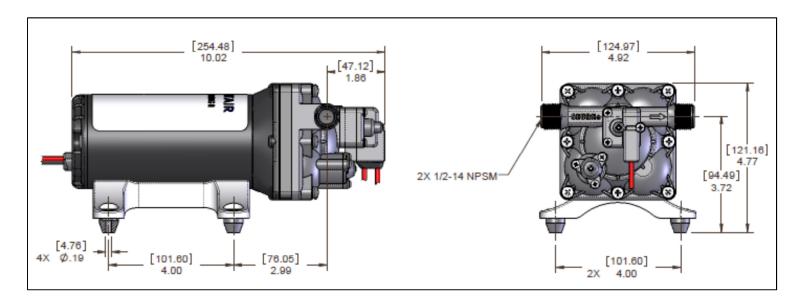
Catalog: MS-030-140
App Guide Sheet MS-020-005
Installation Manual: 911-1026
Aftermarket Warranty: 911-1045

TYPICAL PERFORMANCE AT 12V

PRESSURE		FLOW		CURRENT
BAR	PSI	GPM	LPM	AMPS
0	0	5.0	18.9	4.5
0.7	10	4.2	15.8	6.8
1.4	20	3.8	14.1	8
2.1	30	2.9	10.9	9
2.8	40	1.8	6.6	10.5
3.4	50	0.9	3.4	11.8
4.1	60	0.2	0.6	13



DIMENSIONS:





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