



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

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



APPLICATION:

Multi-fixture Marine adjustable by-pass fresh water pump installation. Other uses may include 12V DC pressurize water systems in cabins. This pump may be used for general fresh water transfer

PUMP DESIGN:

Type: 4 Chamber Diaphragm pump
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 ¾" [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 and Zinc Plated Steel

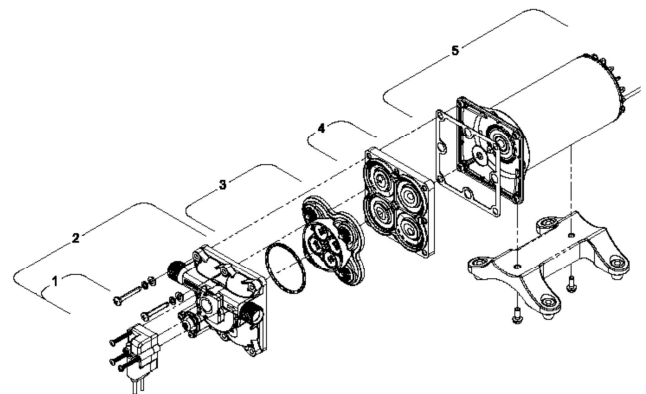
AGENCY APPROVALS:

Ignition Protection 8846, CE, IMCI Certified

SHIPPING INFORMATION:

Net Weight: 7.9 Pounds [3.5 Kg] ea.
Carton Qty.: 6
Carton Weight: 50 Lbs. [22.6 Kg]
Carton Size: 24"L X 18"W X 6"H [61cm x 46cm x 15cm]

REPAIR KITS



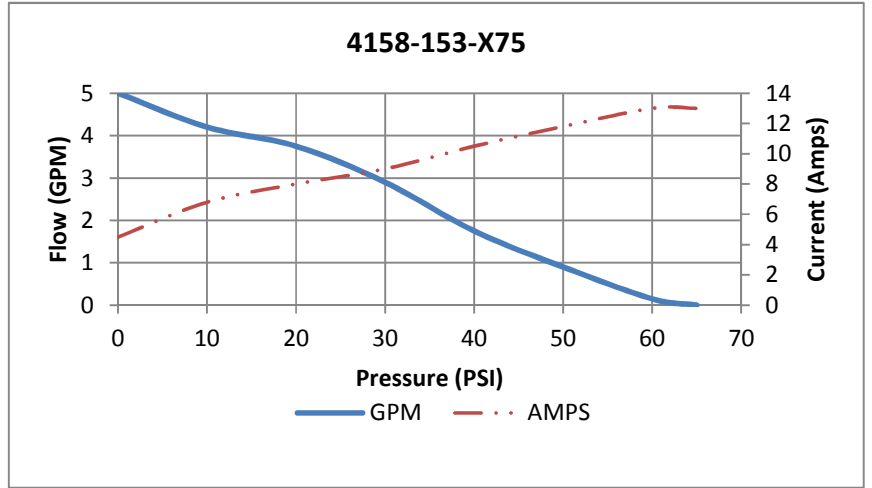
Number	Description	Part Number
1	Pressure Switch	94-801-09
1,2	Upper Assembly	94-801-10
3	Valve Assembly	94-800-01
4	Drive Assembly	94-801-02
5	Motor/Gasket	94-71-004-17
1,2,3,4	Pump Head	94-801-11
Not Shown	Check Valve	94-800-03

RELATED DOCUMENTS:

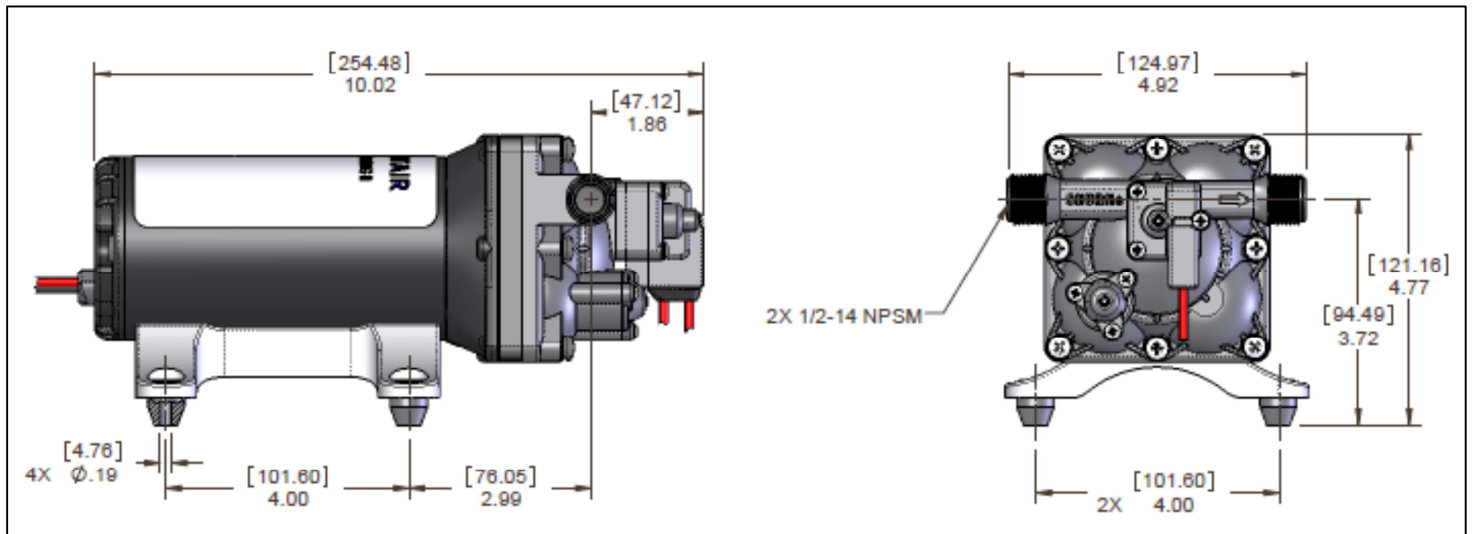
Catalog: MS-030-140
 Installation Manual: 911-1026
 Application Spec Guide: MS-020-005

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	3.75	14.1	8.0
2.1	30	2.9	10.9	9.0
2.8	40	1.75	6.6	10.5
3.4	50	0.9	3.4	11.8
4.1	60	0.15	0.56	13.0
4.5	65	0	0	13.0



DIMENSIONS:



3545 Harbor Gateway South, Ste. 103, Costa Mesa, CA 92626, (800) 854-3218 www.SHURFLO.com

SHURFLO Europe, Middle East, Africa

Pentair Water Belgium bvba, Industriepark Wolfstee, Toekomstlaan 30, B-2200 Herentals, Belgium, +32-14-283500

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