



SHURFLO AQUA KING™II PREMIUM 4.0

MARINE FRESH WATER PUMP – PRODUCT TECHNICAL DATA SHEET

OEM: 4148-153-A75
 AFTERMARKET: 4148-153-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]

Aftermarket model includes:

- 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)

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: 15 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

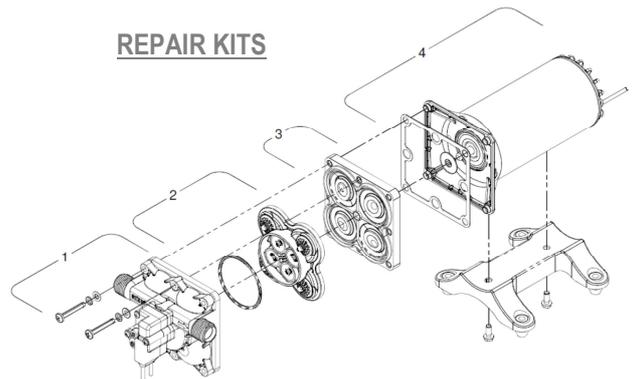
AGENCY APPROVALS:

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]

REPAIR KITS



Number	Description	Part Number
*1	Upper Assembly	94-801-10
2	Valve Assembly	94-800-01
3	Drive Assembly	94-801-02
4	Motor/Gasket	94-71-001-07
*1,2,3	Pump Head	94-801-11
Not Shown	Check Valve	94-800-03

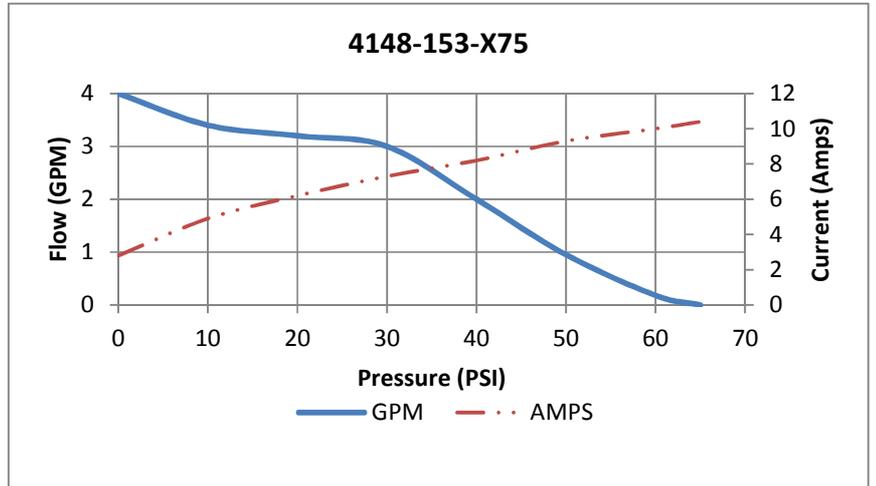
*With preset switch and by-pass adjustment

RELATED DOCUMENTS:

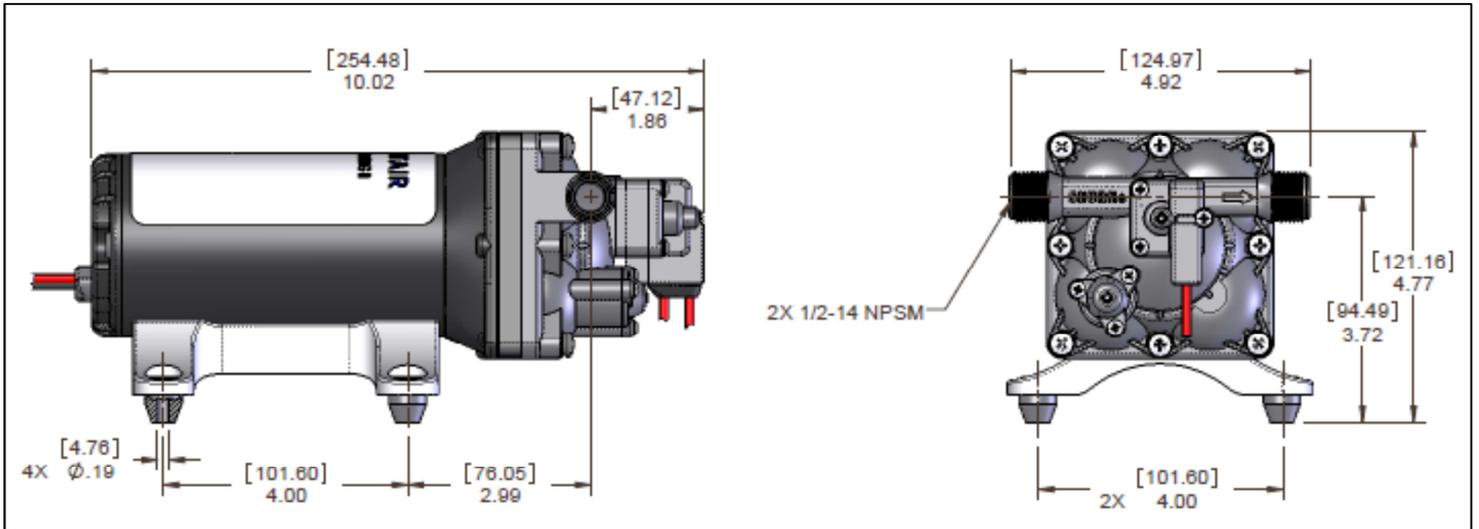
Catalog: MS-030-140
 App Guide Sheet MS-020-005
 Installation Manual: 911-1026
 Aftermarket Warranty: 911-1045

TYPICAL PERFORMANCE AT 12V

PRESSURE		FLOW		CURRENT
BAR	PSI	GPM	LPM	AMPS
0	0	4.0	15.1	2.8
0.7	10	3.4	12.8	4.9
1.4	20	3.2	12.1	6.2
2.1	30	3.0	11.3	7.3
2.8	40	2.0	5.79	8.2
3.4	50	0.95	7.57	9.3
4.1	60	0.18	0.68	10.0
4.5	65	0	0	10.4



DIMENSIONS



WATER PURIFICATION

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

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