

# SHURFLO AQUA KING TM II PREMIUM 4.0 MARINE FRESH WATER PUMP – PRODUCT TECHNICAL DATA SHEET

OEM: 4148-153-A75 AFTERMARKET: 4148-153-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: 15 Amp Recommended

Control: Shut-Off 55 PSI [3.8 Bar]  $\pm$  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.

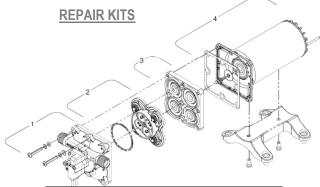
Carton Qty.: 6

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)



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

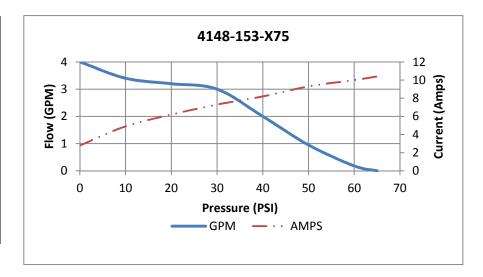
<sup>\*</sup>With preset switch and by-pass adjustment

## **RELATED DOCUMENTS:**

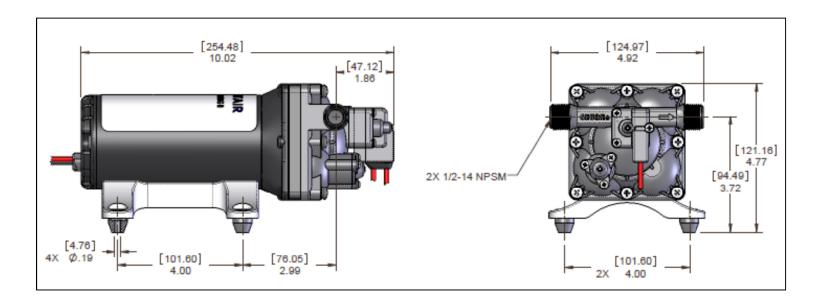
Catalog: MS-030-140
App Guide Sheet MS-020-005
Installation Manual: 911-1026
Aftermarket Warranty: 911-1045

## **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	0.2	0.7	10



#### **DIMENSIONS**





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

All Pentair trademarks and logos are owned by Pentair, Inc. All other brand or product names are trademarks or registered marks of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.