

# SHURFLO AQUA KING™ II STANDARD 3.0 MARINE FRESH WATER PUMP – PRODUCT TECHNICAL DATA SHEET

OEM: 4138-111-A65 AFTERMARKET: 4138-111-E65



# **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: 7.5 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 62 PSI [4.2 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: 4.25 lbs. [1.92 Kg] ea.

Carton Qty.: 6

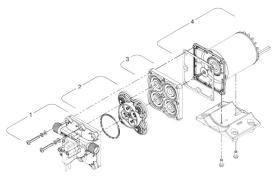
Approx. Carton Weight: 27 lbs. [ 12.2 Kg]

Approx. Carton Size: 24"L X 18"W X 6"H [61cm x 46cm x 15cm]
Retail (individual) box: 11"L X 6"W X 5"H [28cm x 15cm x 13cm]

### Aftermarket model include:

Fittings: swivel straight adapter ½-14 NPT (hex-wing nut) x ½ barb (Qty. 2)

## **REPAIR KITS**



100		
Number	Description	Part Number
*1	Upper Assembly	94-800-23
2	Valve Assembly	94-800-01
3	Drive Assembly	94-800-26
4	Motor/Gasket	94-71-005-07
*1,2,3	Pump Head	94-800-29
Not Shown	Check Valve	94-800-03

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

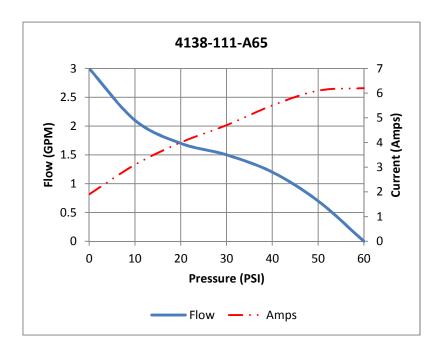
# **RELATED DOCUMENTS:**

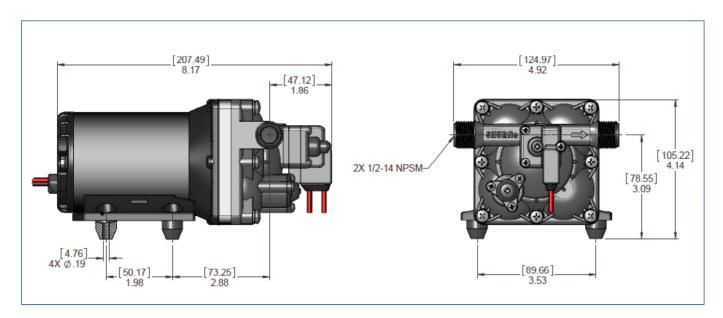
Catalog: MS-030-140
App Guide Sheet: MS-020-005
Installation Manual: 911-1052
Aftermarket Warranty: 911-1045

# **TYPICAL PERFORMANCE AT 12V**

PRESSURE		FLOW		CURRENT
BAR	PSI	GPM	LPM	AMPS
0	0	3.0	11.3	1.9
0.7	10	2.1	7.9	3.1
1.4	20	1.7	6.4	4
2.1	30	1.5	5.7	4.7
2.8	40	1.2	4.5	5.5
3.4	50	0.7	2.6	6.1
4.1	60	0	0	6.5

#### **DIMENSIONS**







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