

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

OEM: AFTERMARKET: 4139-131-A87 4139-131-B87



**APPLICATION:** 

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

#### PUMP DESIGN:

Туре:	4 Chamber Diaphragm pump
Ports:	<sup>1</sup> / <sub>2</sub> "-14 NPSM-Male
Liquid:	54°C [130°F] Max
Dry-Prime:	1.82 M [6 feet]
Run Dry:	Yes
Inlet Pressure:	2.06 Bar [30 PSI]

#### **ELECTRICAL:**

Motor:	24V DC Permanent Magnet, Intermittent Duty
Protection:	Thermal Overload, Automatic Restart
Leads:	14 AWG, 37cm [14 <sup>3</sup> / <sub>4</sub> "] Red +, 38cm [15"] Black
Fuse:	5 Amp Recommended
Control:	Shut-Off 3.1 Bar [45 PSI] ± 0.13 Bar [2 PSI]
	Re-start 2.4 Bar [35 PSI] [1.0 Bar] ± [2 PSI]
	Maximum By-Pass 3.5 Bar [52 PSI]
	± 0.13 Bar [2 PSI]

## **MATERIALS OF CONSTRUCTION:**

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

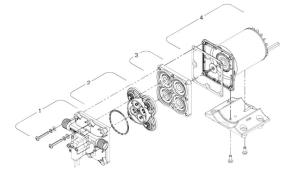
AGENCY APPROVALS: Ignition Protection 8846, CE, IMCI Certified

### **SHIPPING INFORMATION:**

Approx. Net Weight:1.92 Kg [4.25 lbs.] ea.Carton Qty.:6Approx. Carton Weight:12.2 Kg [27 lbs.]Approx. Carton Size:61cm x 46cm x 15cm [24"L X 18"W X 6"H]

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

#### **REPAIR KITS**



Number	Description	Part Number
*1	Upper Assembly	94-800-43
2	Valve Assembly	94-800-01
3	Drive Assembly	94-800-26
4	Motor/Gasket	94-71-006-07
*1,2,3	Pump Head	94-800-34
Not Shown	Check Valve	94-800-03

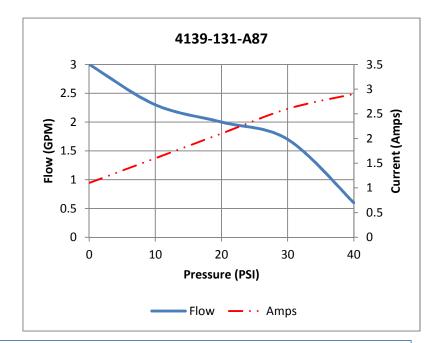
\*With preset switch and by-pass adjustment

RELATED DOCUMENTS:

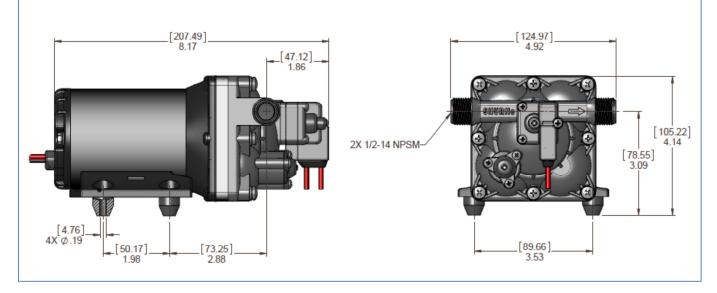
Catalog:	MS-030-140
App Guide Sheet :	MS-020-005
Installation Manual:	911-1052
Aftermarket Warranty:	911-1045

#### **TYPICAL PERFORMANCE AT 24V**

PRESS	URE	FLOW		CURRENT
BAR	PSI	GPM	LPM	AMPS
0	0	3.0	11.3	1.1
0.7	10	2.3	8.7	1.6
1.4	20	2.0	7.5	2.1
2.1	30	1.7	6.4	2.6
2.8	40	0.6	2.2	2.9



### DIMENSIONS





#### FLOW MANAGEMENT SOLUTION

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