

**仕様情報: Aquatec Booster Pump**

6840-2J03-B221

**TECHNICAL SPECIFICATIONS:**

**POWER:** Safe operation with low energy (24 watts), low voltage (12-24V) motors. Can be used with compatible transformers (100VAC, 120VAC, 230VAC), to be ordered separately.

**ENVELOPE DIMENSIONS:** Approximately 3" x 4" x 7", 6 lbs.

**MOUNTING:** Our patented "flex-mount" baseplate significantly dampens vibration and reduces noise. Other steel mounting baseplates and "universal" baseplates are available at no additional cost. Pump performance may be affected by location and positioning.

**CONTROL OPTIONS:** Internal Bypass (20-200 psi)

**FITTINGS:** Available options include built-in 3/8", 1/4", or 5/16" John Guest half cartridges

8841-2J03-B423

**TYPE:** 24 VAC, Permanent Magnet,

Totally Enclosed, Non-Ventilated

**LEADS:** 20 AWG, 6" LONG

**TEMP. LIMITS:** This Motor is Not Equipped with Thermal Protection. For User Safety, Optimal

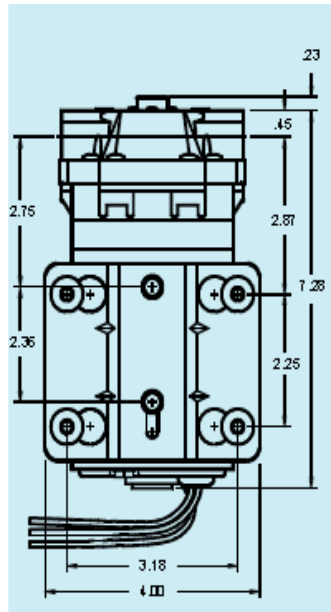
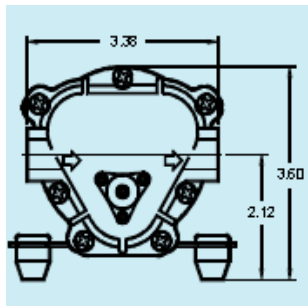
Performance, and Maximum Motor Life, The

Motor Surface Temperature Should Not Exceed

150° F (66° C), as Shown on the Heat Rise Graph.

**DUTY CYCLE:** See Heat Rise Graph

ΔP DISCHARGE PRESSURE (PSI)	PERFORMANCE DATA				RECOMMENDED BY-PASS PRESSURE	
	PUMPHEAD MODEL					
	68X0		68X1		PSI	CODE
	FLOW (LPM)	CURRENT (AMPS)	FLOW (LPM)	CURRENT (AMPS)		
80	0.38	0.62	0.45	0.72	110	J
70	0.41	0.58	0.50	0.67	100	I
60	0.43	0.53	0.58	0.61	90	H
50	0.49	0.49	0.61	0.56	80	G
40	0.55	0.43	0.63	0.49	70	F
30	0.59	0.38	0.66	0.43	60	E
20	0.63	0.33	0.70	0.36	50	D
10	0.67	0.27	0.77	0.28	40	B
OPEN	0.73	0.23	0.84	0.23	30	A



## SPECIFICATIONS:

- **MOTOR:**
  - TYPE: 24 VAC, Permanent Magnet, Totally Enclosed, Non-Ventilated
  - LEADS: 20 AWG, 6" LONG
  - TEMP. LIMITS: This Motor is Not Equipped with Thermal Protection. For User Safety, Optimal Performance, and Maximum Motor Life, The Motor Surface Temperature Should Not Exceed 150°F (66°C), as Shown on the Heat Rise Graph. See Heat Rise Graph
  - DUTY CYCLE:
- **PUMP DESIGN:** 3 Chamber Diaphragm Pump, Self Priming, Capable of Being Run Dry
- **TYPICAL APPLICATION:** Pre-Filter Water Treatment (R.O. Boost)
- **MATERIALS:**
  - HOUSINGS: Nylon
  - VALVES: EPDM
  - DIAPHRAGM: Santoprene
  - FASTENERS: Stainless Steel
- **LIQUID TEMPERATURE:** 170°F (77°C) Max.
- **PUMP CERTIFICATIONS:** NSF Standard 58

### 仕様情報:Aquatec Permeate Pump

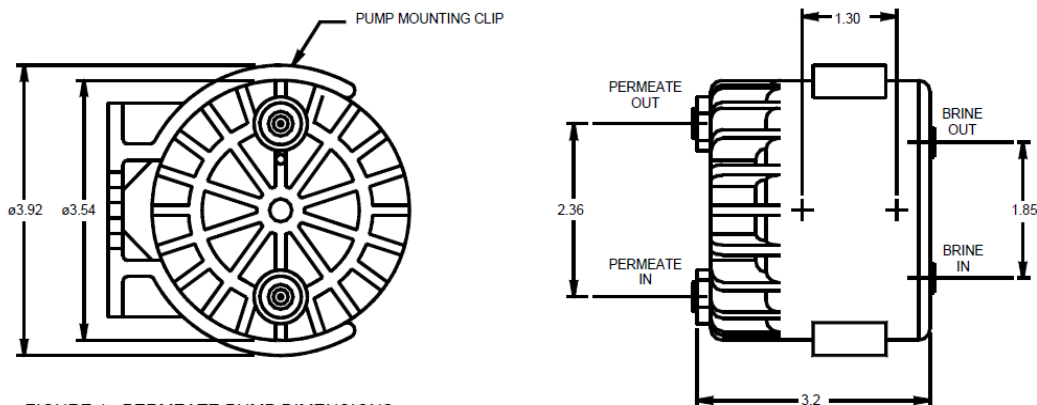


FIGURE 1. PERMEATE PUMP DIMENSIONS

#### Technical Specifications

- Part number:** ERP 1000
- Pump Type:** Positive displacement, reciprocating, single action diaphragm, hydraulically driven
- Weight:** 1 lb.
- Materials:** Wetted Materials: NSF listed and/or FDA approved
- Fittings:** John Guest® quick disconnect ports - Optional John Guest® elbow fittings (Figure 2)
- Mounting:** Always mount with outlet ports up. Mounting clip (ABS) with (2) #10 S.S. screws available
- Retrofit Mounting:** Order membrane clip if required (Figure 3). Base of Membrane clip attaches to base of Permeate Pump clip with supplied fastener. Permeate Pump can then be mounted to membrane with clip assembly as shown in Figures 5 & 6.
- Hydraulic:** Maximum Pressure - 100 PSI brine and 100 PSI permeate side
- Environmental:** 0 - 100% humidity, 32 - 140 degrees F ambient; water temp, 32 - 140 degrees F

**Warranty:** 2 years

**Agency Approval:** NSF standard 58 certified

