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PowerFlo: | 2200 | 7801/02 | 7811/12 | 5800 | 5900 | AquaJet | FatBoy | Accessories | Plumbing Diagram |



**Max Flow:** 7811: 1.2 GPM 7812: 2.0 GPM  
**Max Pressure:** 60 PSI

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- 7811** 3/8" FNPT / Bypass or Demand 1.2 GPM
- 7812** 3/8" FNPT / Bypass or Demand 2.0 GPM



## Specifications

### Specifications

**Motor Type:** 12 VDC permanent magnet, totally enclosed, non-ventilated

**Leads:** 14 AWG, 12" long

**Duty Cycle:** See Heat Rise graph

**Temperature Limits:** 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). (See Heat Rise graph)

### Materials of Construction

**Housings:** Polypropylene

**Valves:** Viton

**Diaphragm:** Santoprene

**Fasteners:** Stainless Steel

**Motor Shell:** Coated Steel

### Pump

**Type:** 3 chamber positive displacement diaphragm pump, self priming, capable of being run dry, demand or bypass mode

**Certifications:** CE Approval

**Liquid Temperature:** 140°F (60°C) Max.

**Priming Capabilities:** 14 feet (4 m)

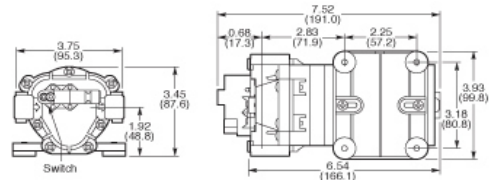
**Max Pressure:** 60 PSI (4.4 bar)

**Inlet/Outlet Ports:** 3/8" FNPT

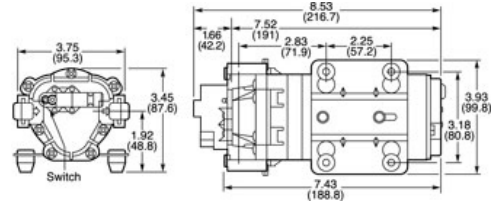
**Weight:** 6 lbs (2.7 kg)

### Dimensions Inches (mm)

#### 7811 Demand



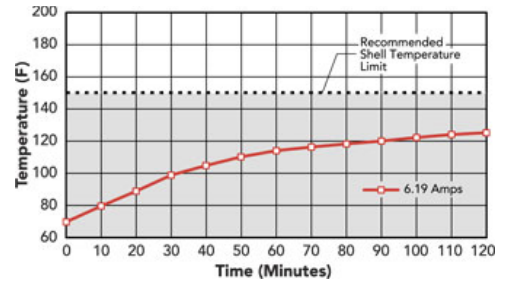
#### 7812 Demand



### Performance

PSI	7811		7812	
	GPM	Amps	GPM	Amps
10	1.20	1.8	2.00	2.8
20	0.85	2.7	1.70	3.7
30	0.70	3.2	1.60	4.2
40	0.60	3.7	1.55	4.7
50	0.45	4.2	1.25	5.2
60	0.40	4.7	1.05	5.7

### Heat Rise



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