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# **F1000F Specification Sheet**

## **F-Series Aerating Fountain**

### **Circular-V Pattern 6'H x 21'W**

#### **OPERATION**

- As water flows through the bottom of the shroud and four additional holes, the prop and disc mixes and forces the water above the surface.
- The high pumping volume degasses the water of nitrogen, carbon dioxide, and hydrogen sulfide while raising dissolved oxygen levels. Degassing gets rid of nutrients which cause algae and weeds, resulting in clearer water and decreased odor.
- Moving water mixes and agitates the water, spreading oxygenated water throughout the body of water.
- Single propeller and deflector disc design allows for greater water flow with a low likelihood of clogging.

#### **QUICK FACTS**

- Complete package includes assembled motor unit, UV resistant float, (2) 25' long 3/8" thick hollow braided polypropylene ropes, and SJTOW rated 3 wire power cord.
- Available in 115 or 230V
- Top Intake for Shallow Water Operation. Able to operate in water as shallow as 16" (41cm).
- Total Component Listed to meet UL and CSA Standards for Safety in Water.
- UL Listed Water Circulating Pump E481181
- Met Listing No. E112360
- Sacrificial Aluminum Anode and Electrolysis Kit are available for corrosion protection and use in salt-water applications.
- Power cable potted quick disconnect on 12 gauge cord.
- Energy efficient with excellent Gallons per Minute (GPM)/kW Rates
- Optional 18 Watt LED Lighting package available. Equivalent lumens to 70 Watt Halogen light.
- Industrial Strength Design
- 2-Year Warranty
- Ships via UPS & FedEx

#### **WARNING**

- **Do Not Run the Unit Out of Water**
- **Discontinue use and remove from water when water is below freezing temperatures (32° F/0° C)**
- **Ground Fault Circuit Interrupter (GFCI) or Residual Current Device (RCD) protected circuit required.**

#### **MOTOR UNIT**

- 1 Horsepower, 115 or 230V, Single Phase
- 1,650 Rotations per Minute (RPM)
- Oil Cooled, Continuous Duty Rated
- Two Long Life Bearings
- Thermal Overload Protection
- Fully Utilized Heavy Duty Carbon Ceramic Mechanical Seal
- Series 300 Austenitic Stainless Housing with Engineering Grade Thermoplastic Top

#### **POWER CABLE**

- SJTOW UL & CSA Approved Underwater Rated Cable
- 3 Wire
- Available in 50', 100', and 150' in 115V with Quick Disconnect Power Cord.
- Available in 50', 100', 150, 200', 250', 300', 350' in 230V with Quick Disconnect Power Cord.
- Other cord lengths are available through special order but will not have a Quick Disconnect Power Cord.
- Potted Quick Disconnect on 12 Gauge Cord.

#### **FLOAT**

- U.V. Resistant High Density Thermoplastic
- Single Piece Float with Closed Cell Foam Filling
- Series 300 Stainless Steel Hardware
- (2) 25' long 3/8" thick hollow braided polypropylene ropes

#### **OPTIONAL 115V TIMER**

- Intermatic P1101
- Portable Outdoor 24 Hour Timer
- Outdoor grade plastic
- Timer: 24-hour with 23-1/2 hour maximum on time. (2) "ON" & (2) "OFF" trippers – standard.
- Dial will accept up to 12 sets of trippers.
- Electrical Rating: 15 A (1800 W), Resistive or Tungsten
- Agency Approval: CSA/C-US
- Outdoor grade cord with ground plug, 3 wire, 22 inches

#### **OPTIONAL 230V TIMER**

- Intermatic T104P
- Electromechanical Time Switch
- Type 3R Plastic Enclosure
- Provides direct 24-Hour control of most loads
- Control electrical loads up to 40 Amps
- 1 to 12 ON/OFF operations each day
- Minimum ON/OFF times of 1 hour
- Manual override
- Equipped with (1) ON and (1) OFF tripper
- 1 Year Manufacturer's Warranty

#### **OPTIONAL LIGHT KIT**

- (2) 18 Watt Bright White LED mounted onto the Float.
- Available in 50', 100', 150, 200', 250', 300', 350' in either 115V or 230V Quick Disconnect Power Cord.



Official Canadian Distributor :

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