

INSTANT FOUNTAIN SPECIFICATIONS

1/2HP & 3/4HP Water Feature

GENERAL: The Instant Fountain shall be a floating unit that includes three separate, interchangeable spray patterns. The Starburst shall be a “fan” shaped pattern and shall have a spray height of _____ feet (_____ m) and a spray diameter of _____ feet (_____ m). The Rocket shall be a “geyser like” pattern and shall be adjustable with a spray height of _____ feet (_____ m) to _____ feet (_____ m) and a spray diameter of _____ inches (_____ cm) to _____ feet (_____ m) . The Phoenix shall have a “geyser like” inner pattern and a “fan” shaped outer pattern. The inner spray pattern shall have a height of _____ feet (_____ m) and a spray diameter of _____ feet (_____ m). The outer spray pattern shall be adjustable from a height of _____ feet (_____ m) to _____ feet (_____ m) and a spray diameter from _____ feet (_____ m) to _____ feet (_____ m) . The pumping rate of the Starburst shall be _____ GPM (_____ LPM). The pumping rate of the Rocket and Phoenix shall be _____ GPM (_____ LPM). The Water Feature shall include a Power Control Center, as described below, and 50’ minimum’ (14.3 m) of underwater power cable.



FLOAT: The float shall be constructed of closed cell polyethylene enclosed in a black UV stabilized, high density, polyethylene shell. The height of the float above the water line shall be able to be adjusted by adding or removing additional wafers of closed cell polyethylene.

IMPELLER: The impeller shall be dynamically balanced and constructed of glass reinforced polyethylene oxide. The impeller shall be attached to the motor shaft by means of a spline. Flexible shaft couplings are not acceptable.

PUMP COMPONENTS: All pump components shall be constructed of glass reinforced polyethylene oxide.

MOTOR: The impeller is to be driven by a _____ volt, single phase, _____ HP Franklin Super Stainless submersible motor with internal automatic reset overload and lightning arrestor. This shall be a motor rated for continuous duty and operating at 3,450 RPM at 60 Hz (2,875 RPM at 50 Hz). The motor shall be surrounded by a type 304 stainless steel sleeve that shall direct water to the pump intake and around the motor to provide cooling.

DEBRIS SCREEN: A debris screen constructed of type 304 stainless steel, 5/32-inch mesh, shall surround and enclose the intake of the Water Feature.

FASTENERS: All fasteners shall be made of type 304 or 18-8 stainless steel.

UNDERWATER POWER CABLE: The power cable shall be SJOOW 12 AWG rated for 300 volts, constructed with synthetic rubber insulation and a thermoset jacket to resist heat, moisture, cracking and softening. It shall be UL and CSA listed.

ELECTRICAL CONTROLS: The electrical control components shall be mounted in a NEMA 3R enclosure constructed of fiberglass reinforced polyester. The electrical controls for 115 and 220(50 Hz) volt units shall consist of a 24-hour timer and a GFCI. The controls for 230-volt units shall consist of a 24 hour timer, fuse or circuit breaker, and a GFCI.

TESTING: The Instant Fountain shall be safety tested and approved as a complete system. Separate component testing is not allowed. The unit must be tested by ETL, ETL-C, CE, UL or another accredited testing facility.

WARRANTY: This shall be a two year limited warranty.

ACCEPTABLE MANUFACTURER: This unit shall be an Otterbine _____ Horsepower Instant Fountain manufactured by OTTERBINE/BAREBO, INC. 3840 MAIN ROAD EAST, EMMAUS, PA 18049 U.S.A. PH: (610) 965-6018

Note: All the following three spray patterns are included in the Instant Fountain Package. The Instant Fountain 60Hz page contains unit, 3 spray patterns, 50' of cable and mini power center.



PHOENIX



ROCKET



STARBURST

INSTANT FOUNTAIN TECHNICAL DATA:

Model	HP	Voltage Phase RPM/Hz	Max 12 Gauge Cable	Running Amp Draw	Spray Height in Ft. (m)*	Spray Diameter in Ft. (m)*	Pumping Rate GPM (m³/h)	Induced Circ. Rate GPM (l.p.m.)	Min. Oper. Depth	Shipping Weight lbs.(kg)**
Starburst										
50	1/2	115/1/3450/ 60 230/1/ 3450/60 220/1/2875/50	125'/ 37.8m 480'/146.3m 700'/213.4m	12 6 3.9	2.5 2.5 .8 m	12 12 4.3 m	125 125 24 m³/h	1,250 1,250 (3,780)	18" 18" 46 cm	51 55 22 kg
75	3/4	230/1/3450/60	350'/106.7m	8	3	19	125	1,250	18"	59
Phoenix										
50	1/2	115/1/3450/ 60 230/1/ 3450/60 220/1/2875/50	125'/ 37.8m 480'/146.3m 700'/213.4m	12 6 3.9	Lower Upper 4 8 4 8 1.2m 2.1m	Lower Upper 12 2 12 2 3.7m .6m	80 80 18 m³/h	800 800 (2,650)	18" 18" 46 cm	51 55 22 kg
75	3/4	230/1/3450/60	350'/106.7m	8	6 10	16 2	90	900	18"	59
Rocket										
50	1/2	115/1/3450/ 60 230/1/ 3450/60 220/1/2875/50	125'/ 37.8m 480'/146.3m 700'/213.4m	12 6 3.9	12 12 2.9 m	2 2 .6 m	80 80 18 m³/h	800 800 (2,650)	18" 18" 46 cm	51 55 22 kg
75	3/4	230/1/3450/60	350'/106.7m	8	15	2	90	900	18"	59

*Spray patterns will vary by adjusting the diffuser ring, therefore, figures given are averages. Spray patterns will also vary due to voltage drop, humidity and other relevant site situations.**Shipping weight includes unit, all spray patterns, 50' (14.3 m) of cable, screen and mini power panel (except 50Hz units).

Specifications are subject to change. *Be sure to contact your distributor on all international shipments, as standard packages and options may vary.