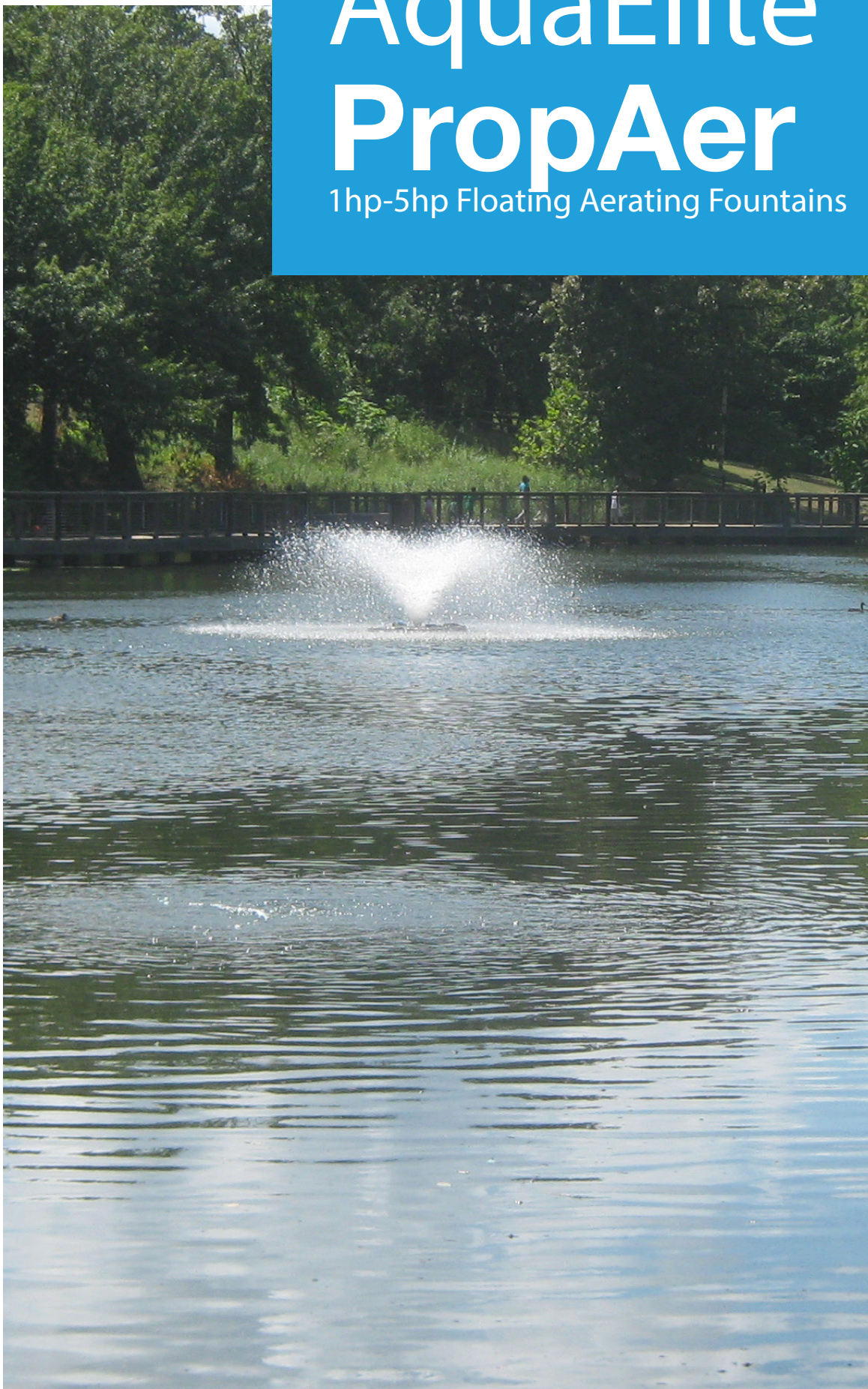


AquaElite™ PropAer

1hp-5hp Floating Aerating Fountains



PropAer at a Glance

How it Works

The AquaElite™ PropAer fountain line has four major components

Float

Constructed of rugged polyethylene molded plastic with UV inhibitors and filled with non-hygroscopic pressure molded polystyrene foam.

Electrical Service Cable Assembly

12/4, 10/4, or 8/4 submersible cable and a submersible quick disconnect connector which plugs into the fountain.

Power Drive Assembly

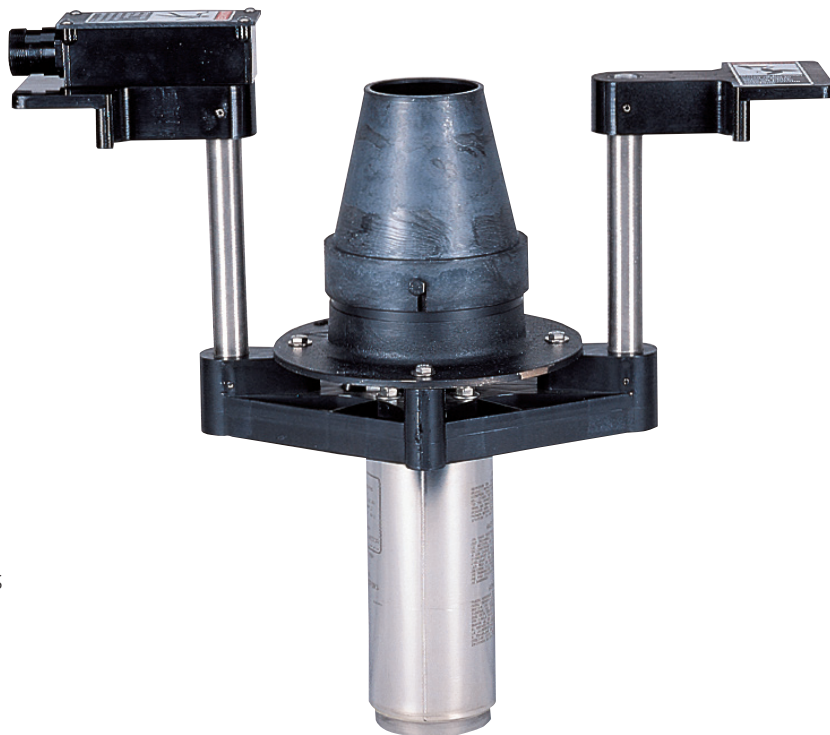
Mounting structure (drive structure assembly), pump/ propeller, nozzle and motor.

Propeller Pump Aerating Fountain

With our scientifically engineered foul resistant propeller, pumps a large volume of water into the air through a specifically designed nozzle (Carnival). This causes a large column of water to shear into millions of micro droplets exposing more water to the atmosphere. As the aerated water returns to the parent body of water, surface turbulence is created in a 360 degree radius outward from the fountain increasing the interface of air to water, therefore transferring the atmospheric oxygen to the water.

Controls

24 hour time clock with multiple off/on trippers, a Franklin Electric start and run QD capacitor box, and an in-line ELCI ground fault protector with a standard 230 volt, 15 amp plug. All of the components are prewired and mounted on a 16" x 14" plate. AquaElite™ PropAer exclusively uses the



Propeller Pump Units

Standard Oxygen Transfer Rate

1 hp	2.8lbs/O2/hr
2 hp	3.2lbs/O2/hr
3 hp	4.2lbs/O2/hr
5 hp	4.9lbs/O2/hr

Franklin Electric 600M submersible motor on all fountain lines. The water cooled and lubricated motor is specifically designed for lake and pond fountain applications and is environmentally safe.

Spray Patterns



Carnival - Propeller				
Part No.	PF12301	PF22301	PF32301	PF52301
HP	1	2	3	5
Volts/Phase	230/1 or 3	230/1 or 3	230/1 or 3	230/1 or 3
AVG. HT. (ft)	8	8	9	11
AVG. DIA. (ft)	25	25	30	35
GPM	1000	1200	1400	1400

Features

- No seals or bearing to maintain
- High speed, foul resistant propellers or impellers, provide high shear water spraying action. No lazy sprays, bubbles, or slow boil of water
- One piece square flotation for stability to minimize any oscillation that can occur with round floats
- Water tight, removable power cable.
- 4 year Limited Warranty
- ETL listed (ANSI/UL508) control panel with time clock (adjustable in 15 minute increments), and equipment Leakage Circuit Interrupter (ELCI) (US only)
- ETL listed control panel is standard on the 2, 3 and 5hp systems. It's optional on the 1hp.
- Exclusive Franklin Electric Sand Fighter submersible motor, which implements the use of a silicon carbide mechanical sealing system

Optional Equipment



Lighting Kit

- Four 17 watt RGBW Lights
- Utilizes phone app for light programming and timer
- Unique Design with one power cable controlling motor and light kit!



Cable Selections

Single phase, three wire w/ground cable, 60HZ

(Maximum length in feet - service entrance to fountain)

Motor Rating			Copper Wire Size	
Volts	HP	12	10	8
230	1	400	*	*
230	2	250	400	*
230	3	150	300	400
230	5	0	150	250

Three phase, three wire w/ground cable, 60 HZ

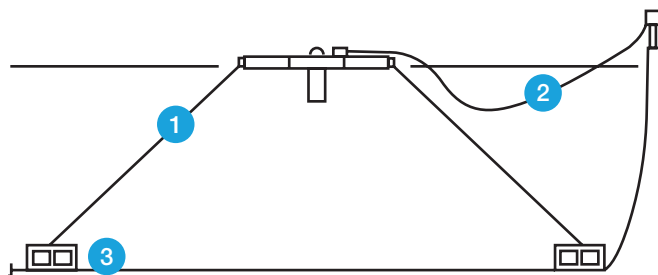
(Maximum length in feet - service entrance to fountain)

Motor Rating			Copper Wire Size	
Volts	HP	12	10	8
230	1	400	*	*
230	2	400	*	*
230	3	400	*	*
230	5	250	400	*

Suggested Mooring

Use approximately three feet of mooring rope per foot of water depth to allow for water level fluctuation. Tying unit to the shore is also acceptable if visible mooring ropes are not objectionable

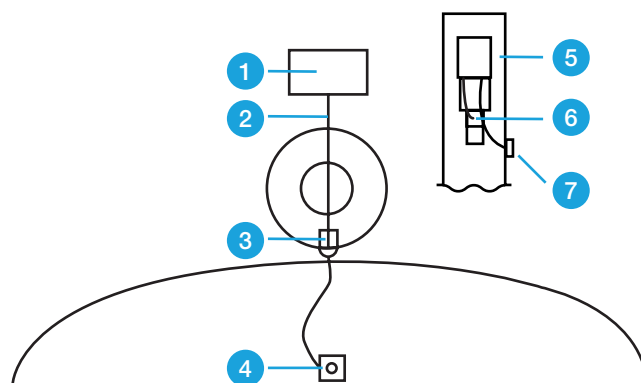
1. 1/4" Polyethylene rope supplied by others
2. Power cord
3. Cement block anchor (8x8x16 with holes)



Suggested Electrical

Our equipment is manufactured either to UL, CSA, or NEMA standards. All wiring shall be per NEC, CEC, or local electric codes.

1. Power building
2. Direct burial cable to outlet/receptacle per NEC or local code
3. CCA treated 4"x4" or 4"x6" post for each ProperAer unit
4. ProperAer unit
5. Post
6. Outlet/receptacle
7. Power Cable or PropAer unit



To learn more about our full line of **AquaElite** fountains and products, reach out to a fountain expert today.



Call 866.471.1614 or visit us online at aquaeliteproducts.com.

