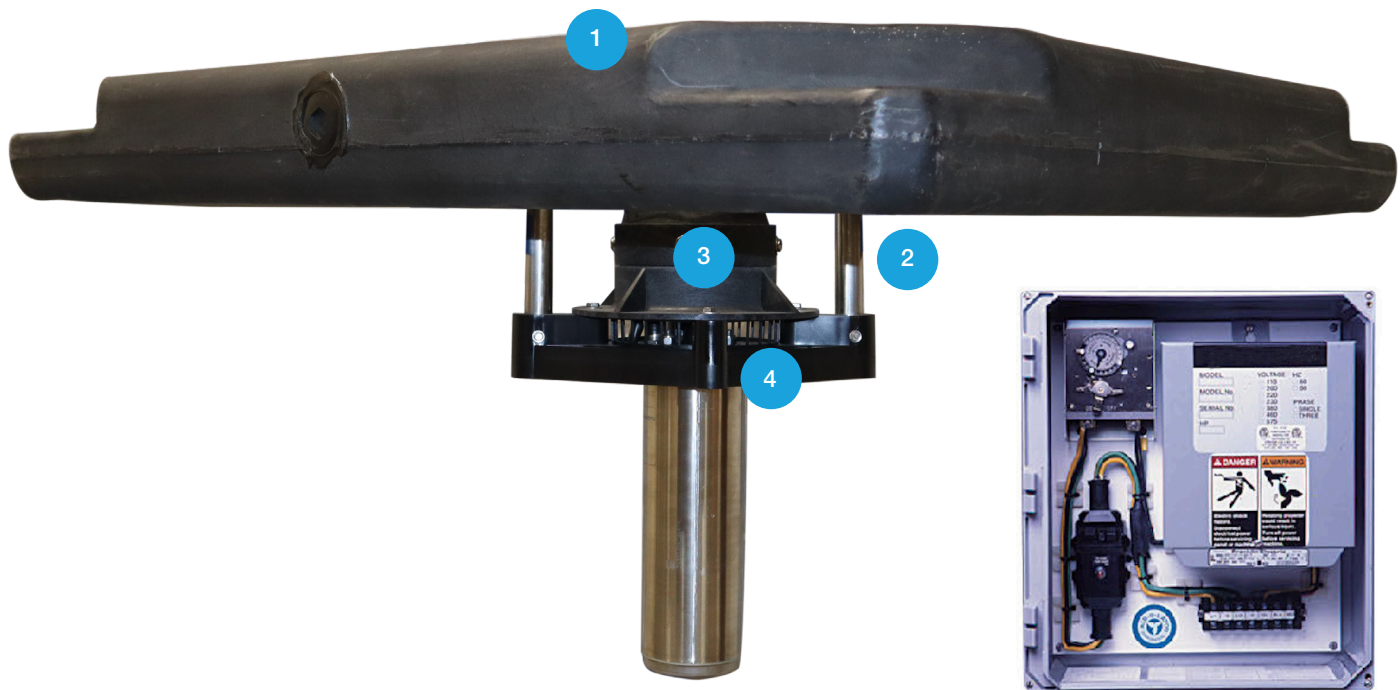


# AquaElite™ **Cronus**

1/2hp Electric Aeration Fountain



# Cronus at a Glance



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

**2. Electrical Service Cable Assembly** - 100' (standard of AWG# 12/4 submersible cable which is hardwired into the fountain.)

**3. Power Drive Assembly** - Mounting structure (drive structure assembly), propeller, and motor.

**4. 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 microdroplets 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 inline ELCI ground fault protector with a standard 230 volt, 15 amp plug.

All of the components are prewired and mounted inside an ETL listed control panel. AquaElite™ Cronus exclusively uses the 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 & Performance Data



Carnival - Propeller					
Part No.	HP	Volts/Phase	Max. Amps	Max. HT. (ft)	Max. Dia (ft)
PF50115100	1/2	115/1	15A	4	10

## Cable Selections

Single phase, three wire w/ground cable, 60HZ  
(maxium length in feet - service entrance to fountain)

Motor Rating			Copper Wire Size		
Volts	HP		10	8	
115	1/2	400	*	*	

## Features

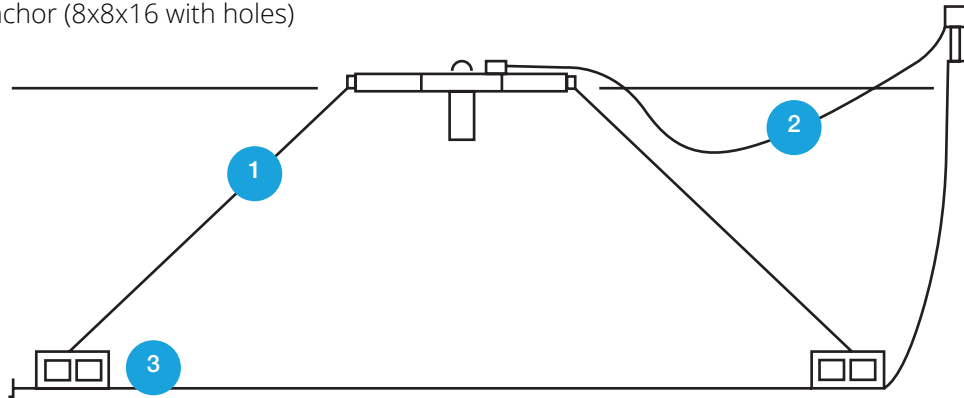
- Design allows fountain to operate in as little as 18" of water
- No seals or bearing to maintain
- High speed, foul resistant propeller, provides high shear water spraying action. No lazy sprays, bubbles, or slow boil of water
- One-piece square flotation for stability to minimize any oscillation that can occur with round floats
- Watertight, removable, 100' power cable is standard, additional cable lengths are available in 50' increments up to 400'.
- ETL listed (ANSI/UL508) control panel with timeclock (adjustable in 15-minute increments), and equipment Leakage Circuit Interrupter (ELCI) (US only)
- Exclusive Franklin Electric Sand Fighter submersible motor, which implements the use of a silicon carbide mechanical sealing system
- Units come standard with propeller guard and debris screen
- 3 year Limited Warranty



## 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

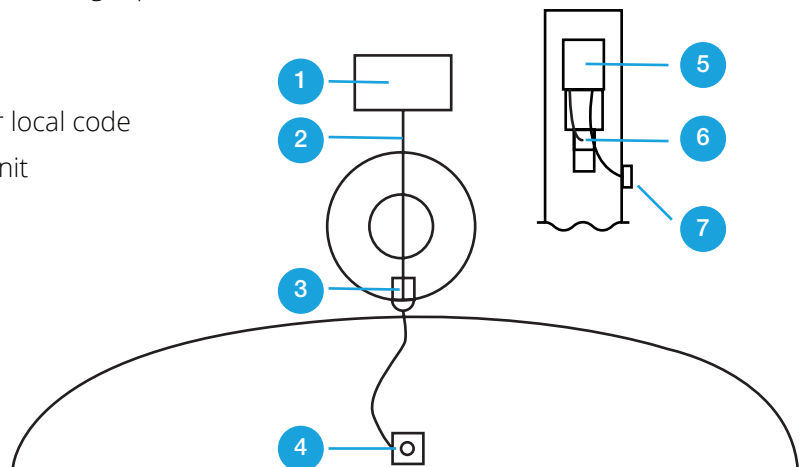
1. 1/4" Polyethylene rope supplied by others
2. Power cord
3. Cement block anchor (8x8x16 with holes)



## Suggested Electrical

Our equipment is manufactured either to UL, CSA, or NEMA standards. All 1/2 hp units are designed to plug into an outlet; conduit wiring is permitted. 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 Cronus unit
4. Cronus unit
5. Post
6. Outlet/receptacle
7. Power Cable or Cronus 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](http://aquaeliteproducts.com).

