





Font'N-Aire®

PLATINUM™



FLOATING 2 HP - 5 HP FOUNTAINS

PLATINUM AT A GLANCE

| | | |
|--|---|---|
| <p>FNA-PP Aerating Fountain</p>  <p>PROPELLER PUMP UNITS Standard Oxygen Transfer Rate 2 hp.....3.2lbs/O₂/hr 3 hp..... 4.2lbs/O₂/hr 5 hp.....5.9lbs/O₂/hr</p> |  <p>ETL CONTROL PANEL</p> | <p>FNA-CP Display Fountain</p>  <p>CENTRIFUGAL PUMP UNITS Minimum Operating Depth Aerating or Display Fountains 2 hp.....34" 3 hp..... 36" 5 hp.....48"</p> |
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HOW IT WORKS

The Font’N-Aire Platinum 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.

POWER DRIVE ASSEMBLY - mounting structure (drive structure assembly), pump/propeller, nozzle, and motor.

ELECTRICAL SERVICE CABLE ASSEMBLY - 100’ (standard) of AWG# 12/4 submersible cable and a submersible quick disconnect connector, which plugs into the fountain.

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 on a 16” x 14” plate.

Air-O-Lator 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.

The 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 the 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.

The CENTRIFUGAL PUMP DISPLAY FOUNTAIN’s unique center discharge pump design keeps the shaft of the submersible motor and the discharge in a vertical position. This allows the entire weight of the fountain to remain in the center of the float. This also makes the fountain easy to install and remove from the float without special mounting brackets or hardware. Our centrifugal pump design produces high pressure, which creates terrific heights and displays using far less horsepower compared to other fountain equipment. This fountain should only be used for aesthetics because the volume of water being pumped into the air is not enough to be considered an aerating device by oxygen transfer testing and Air-O-Lator’s standards.

SPRAY PATTERNS AND PERFORMANCE DATA



CARNIVAL - PROPELLER PUMP

| MODEL NO. | FNA-2PP | FNA-3PP | FNA-5PP |
|----------------|------------|------------|------------|
| NAME PLATE HP | 2 | 3 | 5 |
| VOLTS/PHASE | 230/1 or 3 | 230/1 or 3 | 230/1 or 3 |
| AVG. HT. (ft) | 8 | 9 | 11 |
| AVG. DIA. (ft) | 25 | 30 | 35 |
| G.P.M. | 1200 | 1400 | 1400 |



GALAXY - CENTRIFUGAL PUMP

| MODEL NO. | FNA-2CP | FNA-3CP | FNA-5CP |
|----------------|------------|------------|------------|
| NAME PLATE HP | 2 | 3 | 5 |
| VOLTS/PHASE | 230/1 or 3 | 230/1 or 3 | 230/1 or 3 |
| AVG. HT. (ft) | 32 | 35 | 39 |
| AVG. DIA. (ft) | 50 | 55 | 60 |
| G.P.M. | 116 | 120 | 136 |



DIANA - CENTRIFUGAL PUMP

| MODEL NO. | FNA-2CP | FNA-3CP | FNA-5CP |
|----------------|------------|------------|------------|
| NAME PLATE HP | 2 | 3 | 5 |
| VOLTS/PHASE | 230/1 or 3 | 230/1 or 3 | 230/1 or 3 |
| AVG. HT. (ft) | 23 | 28 | 30 |
| AVG. DIA. (ft) | 23 | 28 | 30 |
| G.P.M. | 116 | 120 | 140 |



NORTHSTAR - CENTRIFUGAL PUMP

| MODEL NO. | FNA-2CP | FNA-3CP | FNA-5CP |
|----------------|------------|------------|------------|
| NAME PLATE HP | 2 | 3 | 5 |
| VOLTS/PHASE | 230/1 or 3 | 230/1 or 3 | 230/1 or 3 |
| AVG. HT. (ft) | 20 | 26 | 33 |
| AVG. DIA. (ft) | 36 | 42 | 50 |
| G.P.M. | 120 | 127 | 156 |



SOLACE - CENTRIFUGAL PUMP

| MODEL NO. | FNA-2CP | FNA-3CP | FNA-5CP |
|----------------|------------|------------|------------|
| NAME PLATE HP | 2 | 3 | 5 |
| VOLTS/PHASE | 230/1 or 3 | 230/1 or 3 | 230/1 or 3 |
| AVG. HT. (ft) | 18 | 20 | 24 |
| AVG. DIA. (ft) | 22 | 28 | 30 |
| G.P.M. | 120 | 127 | 156 |



NOVA - CENTRIFUGAL PUMP

| MODEL NO. | FNA-2CP | FNA-3CP | FNA-5CP |
|----------------|------------|------------|------------|
| NAME PLATE HP | 2 | 3 | 5 |
| VOLTS/PHASE | 230/1 or 3 | 230/1 or 3 | 230/1 or 3 |
| AVG. HT. (ft) | 28 | 33 | 36 |
| AVG. DIA. (ft) | NA | NA | NA |
| G.P.M. | 116 | 130 | 156 |

OPTIONAL EQUIPMENT



ROCK FLOAT
(Shown with optional light kit installed)



LIGHTING KITS

- 12 volt, 200 watts photocell controlled lighting
- 4 (clear), 50 watts sealed beam lights (standard)
- Red, green, blue, and amber lenses optional

FEATURES

- No seals or bearings 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, 100' power cable is standard. Additional cable lengths are available in 50' increments.
- ETL listed (ANSI/UL508) control panel with time clock (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.
- 3 year Limited Warranty

CABLE SELECTIONS

Single 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 | 2 | 250 | 400 | * |
| 230 | 3 | 150 | 300 | 400 |
| 230 | 5 | 0 | 150 | 250 |

*Consult factory for lengths over 400'.

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

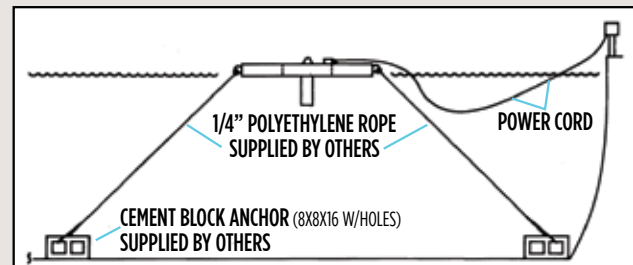
| Motor Rating | | Copper Wire Size | | |
|--------------|----|------------------|-----|---|
| Volts | HP | 12 | 10 | 8 |
| 230 | 2 | 400 | * | * |
| 230 | 3 | 400 | * | * |
| 230 | 5 | 250 | 400 | * |

*Consult factory for lengths over 400'.

Lengths meet the U.S. National Electric Code ampacity for either individual conductors or jacketed 60° C cable.

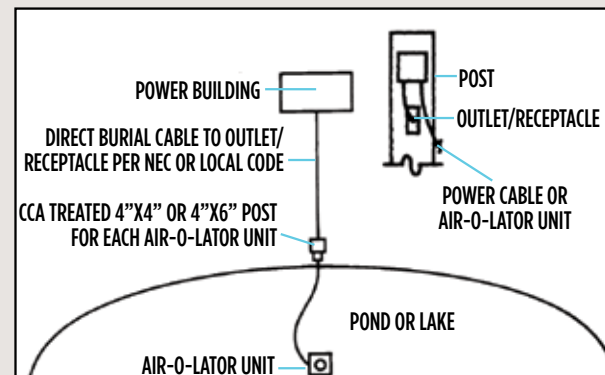
This table is based on copper wire.

MOORING/ELECTRICAL



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.



SUGGESTED ELECTRICAL

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