Font'N-Aire®
READY

FLOATING ONE-HORSEPOWER FOUNTAIN

READY AT A GLANCE

AERATING FOUNTAIN

PROPELLER (ONLY) PUMP UNITS
Standard Oxygen Transfer Rate
Reduced Volume: 1.1 lbs./02/hr.
Standard Volume: 2.8 lbs./02/hr.

STANDARD CONTROLS

DISPLAY FOUNTAIN

CENTRIFUGAL PUMP UNITS
Minimum Operating Depth of Either the Aerating or the Display Fountain 24”

HOW IT WORKS

The Font’N-Aire Ready 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 especially designed for lake and pond fountain applications and is environmentally safe.

The PROPELLER PUMP AERATING FOUNTAIN (with our scientifically engineered foul-resistant propeller) pumps 1,000 gallons of water per minute 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.

MOTOR SPECIFICATIONS

Font'N-Aire Ready fountains are furnished with one-horsepower, 230 volt, 1 phase Franklin Electric motors. Each motor has a maximum amperage of 9.8 amps.

CARNIVAL PROPELLER PUMP

STANDARD VOLUME		REDUCED VOLUME	
PART NO.	95RCR12301S	PART NO.	95RCR12301R
AVG HT	8	AVG HT	4
AVG DIA	25	AVG DIA	10
GPM	1000	GPM	400

DIANA CENTRIFUGAL PUMP

STANDARD VOLUME		REDUCED VOLUME	
PART NO.	95RDA12301S	PART NO.	95RDA12301R
AVG HT	20	AVG HT	13
AVG DIA	20	AVG DIA	18
GPM	80	GPM	80

GALAXY CENTRIFUGAL PUMP

STANDARD VOLUME		REDUCED VOLUME	
PART NO.	95RGL12301S	PART NO.	95RGL12301R
AVG HT	30	AVG HT	15
AVG DIA	50	AVG DIA	30
GPM	95	GPM	80

NORTHSTAR CENTRIFUGAL PUMP

STANDARD VOLUME		REDUCED VOLUME	
PART NO.	95RNR12301S	PART NO.	95RNR12301R
AVG HT	16	AVG HT	14
AVG DIA	32	AVG DIA	28
GPM	108	GPM	80

NOVA CENTRIFUGAL PUMP

STANDARD VOLUME		REDUCED VOLUME	
PART NO.	95RNV12301S	PART NO.	95RNV12301R
AVG HT	25	AVG HT	13
AVG DIA	N/A	AVG DIA	N/A
GPM	108	GPM	80

SOLACE CENTRIFUGAL PUMP

STANDARD VOLUME		REDUCED VOLUME	
PART NO.	95RSL12301S	PART NO.	95RSL12301R
AVG HT	14	AVG HT	8
AVG DIA	18	AVG DIA	14
GPM	108	GPM	80

NOTE: G.P.M. is calculated through the nozzle selected.

*Running amperage will vary according to the nozzle selected, but at no time will the amperage exceed the maximum indicated per horsepower. Air-O-Lator Corporation's specifications as stated herein are the most current at the time of publication. However, consistent with Air-O-Lator Corporation's standard policy of continual product improvement, we reserve the right to change the design without notice or obligation on our part to modify any equipment previously sold or delivered.

TWO FOUNTAINS IN ONE

With the Ready fountain, it is possible to convert a centrifugal pump display fountain to a high volume propeller pump aerating fountain, or vice versa, without the need of purchasing two separate fountains. The design of the Font'N-Aire Ready and Platinum fountains allows this because the motor and mounting structure (drive structure assembly) are the same. When converting from a centrifugal pump display fountain to a propeller pump aerating fountain, simply remove the four (4) bolts that connect the centrifugal pump to the motor mount and remove the pump assembly. Install the propeller to the motor shaft and then the Carnival nozzle to the motor mount with four (4) bolts, a simple five-minute procedure that can be done in the field with a 7/16" wrench. The same procedure can be done to change a propeller pump aerating fountain to a centrifugal pump aesthetic fountain.

FEATURES

- Six spray patterns available
- Standard and Reduced volume options
- 100' of power cable with a water-tight removable connector, longer lengths available in 50' increments. [Required: a single phase, 3 wire w/ ground, 60 HZ, maximum length in feet, service entrance to fountain, 230 volts, 1hp, 400' 12/4 maximum]
- 24-hour time clock
- Equipment Leakage Circuit Interruptor (ELCI) (US only)
- Easy to install and maintain
- Two-year warranty
- Backed by our outstanding customer service

OPTIONAL EQUIPMENT

ROCK FLOAT

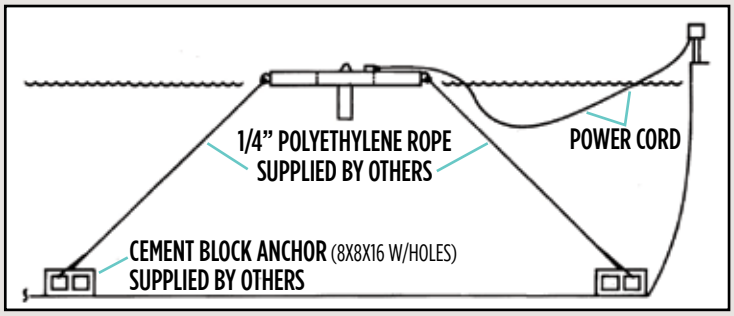
(Shown with optional light kit installed)

LIGHTING KITS

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

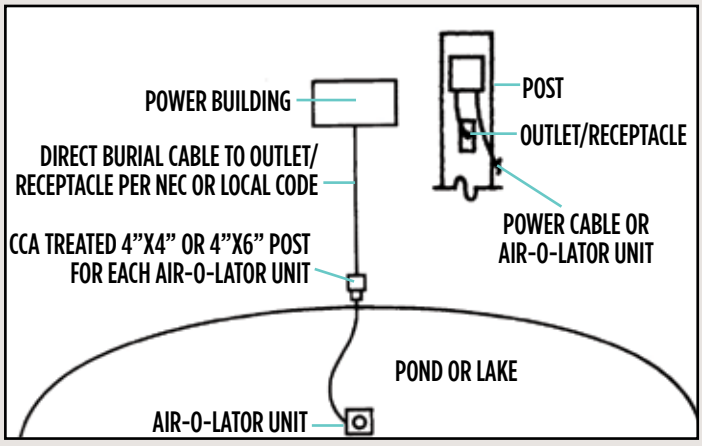
ETL CONTROL PANEL

ANSI/UL508 control panel with time clock equipment leakage circuit interrupter (ECLI) and motor controls placed in a NEMA 4X enclosure



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, NEMA standards. All wiring shall be per NEC, CEC, or local electric codes.

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