



**Air-O-Lator**

**Font' N-Aire Legacy**

**Nozzle B**

**Decorative Fountain**

**Specifications**

**MODEL:**

The model shall be a FNA-LGB Air-O-Lator Font' N-Aire Legacy decorative floating fountain.

**Performance Data:**

The FNA-LGB Font' N-Aire Legacy fountain with nozzle B shall produce a decorative spray with a minimum height of 9 feet (2.7M) and a minimum diameter of 16 feet (4.9M).

The FNA-LGB fountain shall produce a pumping volume of 80 gallons per minute (303 liters per minute).

The FNA-LGB fountain shall produce a standard oxygen transfer rate (SOTR) of 0.78 pounds (.35kg) of oxygen per hour.

The FNA-LGB fountain has a minimum operating depth of 18 inches (.45 meters).

**Motor:**

The motor shall be a ½ horsepower, 115 volt, 1 phase, 60 Hz, 3450 RPM Franklin Electric submersible motor. Motor amperage is 10.0 with service factor max amperage of 12.0. The motor shall be rated for continuous duty. The motor shall be totally enclosed, water-cooled, water-lubricated and corrosion resistant. The motor shall equal or exceed standard NEMA specifications. The motor shall be non-hygroscopic and hermetically sealed. Motor insulation shall equal or exceed standard NEMA Class H. The motor shall be UL recognized and CSA certified.

**Mounting Frame:**

The mounting frame shall be constructed of non-corrosive material. The design of the mounting frame shall allow ease of installation and removal of the fountain from the float without the need fasteners securing the fountain to the float. The frame shall provide maximum rigidity and stability with minimum flow resistance. All fasteners shall be a minimum of 316 stainless steel alloy.

**Impeller:**

The impeller shall be specifically designed for the application intended. The impeller shall be injection molded of a blend of high density glass filled polycarbonate plastic. The impeller shall not lose its pitch or shape during usage. The impeller shall be streamlined to prevent cavitation, reduce drag and shall have six vanes that are curved to reduce fouling. The impeller shall be dynamically and hydraulically balanced to assure equalization of load and reduce vibration while in operation.

**Centrifugal Pump:**

The centrifugal pump shall be injection molded of a blend of high density glass filled polycarbonate plastic. The centrifugal pump shall be designed with a center intake and discharge to keep the motor in line with the discharge. The Centrifugal pump assembly shall consist of three (3) molded parts and two (2) gaskets with 316 stainless steel hardware.

**Water Plenum:**

The water plenum shall be injection molded of a blend of high density glass filled polycarbonate plastic. The water plenum allows equalization of pressure to the nozzle and is the attachment point of the nozzle. The water plenum is attached to the centrifugal pump with 316 stainless steel hardware and a gasket.

**Nozzle:**

The nozzle shall be manufactured from corrosion resistant material. The nozzle shall be designed for optimal performance without restricting the flow.

**Flotation:**

The flotation unit shall be square in shape for stability with a hole in the center for mounting the fountain unit. The float shall be rotationally molded of polyethylene with UV inhibitors and shall not be less than 1/8 " (.125) sectional thickness. The float shall be filled with closed cell, non-hygroscopic, pressure molded polystyrene. The flotation shall be capable of supporting no less than two (2) times the weight of the unit. The float shall be unconditionally guaranteed not to sink or capsize due to high winds or ice.

**Electrical Service Cable**

The fountain shall be supplied with 100 feet (30.5M) of AWG#12 gauge three (3) conductor stranded copper wire. The service cable shall be type SJEOW insulated to resist moisture, wicking and cracking. The service cable shall be black. The service cable shall be one continuous length. One end shall be installed into the motor. The other end will be supplied with a 115 volt plug.

**Time Clock**

The fountain shall be supplied with a 120 volt, 15 amp (1800 watt), 24 hour multi programmable time switch, with an in line 120 volt, 15 amp (1800 watt) ELCI ground fault circuit interrupter with plug.

**Testing:**

The FNA-LGB Font' N-Aire Legacy fountain will be tested under load prior to shipping to certify correct operation and performance. Test results are provided.

**Warranty:**

The FNA-LGB Font' N-Aire Legacy fountain has a 1 year limited warranty to be free of defects in material and workmanship.