



Specifications for Water Fire Nozzle:

March, 2010

General Structure Design and Construction:

The Water Fire Nozzle is an interactive spray feature that emits both a stream effect and a fan spray effect. This feature has side to side movement as well as up and down movements. The spray pattern can be changed from a stream effect to a fan effect by twisting the nozzle. Feature standard height is 42" from mounting pad to top of nozzle. Feature structure is designed to be mounted directly to a thickened concrete pad designed by others. Feature flow rates can be adjusted to increase or decrease projection of water effect. The manufacturer shall supply a complete structure package including: mounting pedestal, water fire nozzle, base skirt, anchoring system, fasteners, gaskets, and hardware. Pumping system and supply piping with flow control valve to be supplied and installed by others. The Water Fire Nozzle is exclusively manufactured by Aquatic Recreation Company LLC, Toll Free Phone #877-632-0503, Local Phone #952-445-5135, Fax #952-345-6444, Website: www.arc4waterplay.com.

Structure:

Structure to have (3) components: mounting pedestal, water fire nozzle, and base skirt. These individual components to be field installed with stainless steel hardware and gaskets supplied by the manufacturer.

Pedestal Body:

Structure shall be a 12" diameter structural tube with dome cap and standard #150 mounting flanges. Stem is constructed from fiberglass re-enforced plastic with durable finish designed to resist damage from wind speed of 100 mph and seismic Zone (4) classification.

Water Fire Nozzle:

The water fire nozzle to be a commercial grade fire nozzle that is made of carbon steel and epoxy dipped in a red color coating. Nozzle to have limited side to side movement and up and down movement couplings. Nozzle to have tension adjustments to limit movement response.

Base Skirt:

Base skirt to be fabricated from fiberglass re-enforced plastic with durable finish and fit over base mounting flange and mounting hardware. Base skirt to be a two-piece fabrication with vandal-proof stainless steel security fasteners for securing skirt to structure mounting flange.

Finish:

All structure finishes are non-toxic, compatible with chlorinated water, and corrosion resistant. UV stabilizers are added to the finish coat to provide color protection in indoor or outdoor installations.

Colors:

Owner may select colors for each individual component: mounting pedestal and base skirt. Color options are White, Purple, Yellow, Blue, Green, Red, and Orange. Water fire nozzle to be red color only.

Mounting System:

Structure to be anchored to a thickened concrete slab with 5/8-inch stainless steel anchoring studs. Studs to be drilled and anchored into place with a fast setting two-component adhesive per manufacturer installation instructions.

Flow Rate Design:

Feature nominal design flow rate for this project is: _____ *GPM*, which will require an _____ *INCH* size pipe feed with a flow control valve supplied by others.

Warranty:

Product warranty will be a five year warranty against defects in workmanship and materials. All finishes shall have a five year unconditional warranty against rust and corrosion. Warranties exclude normal wear and tear, abuse, improper installation and maintenance.

Packaging:

The Water Fire Nozzle shall be packaged with all necessary support and protective wrapping so as to protect components during normal shipping and handling. Care must be exercised during handling to avoid damage to product structure and finish.

Installation Instructions:

The Water Fire Nozzle will be provided with complete installation drawings and instructions. Please read all installation instructions prior to installation. Installer may call Aquatic Recreation Company at their toll free number #877-632-0503 during installation if there are questions concerning this product.

- Product specifications subject to change at any time.