



Specifications for Rotating Spray Display:

March, 2010

General Structure Design and Construction:

The Rotating Spray Display is an interactive feature that emits (4) different water displays from a rotating platform on to users. Feature standard height is 32" from mounting pad to top of rotating platform. 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 the spray heights and projections of the nozzle displays. The manufacturer shall supply a complete structure assembly including: mounting stem, rotating display platform, (4) nozzle displays, 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 Rotating Spray Display 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 (4) components: Mounting stem, rotating display platform, (4) nozzle displays, and base skirt. These individual components to be field installed with stainless steel hardware and gaskets supplied by the manufacturer.

Mounting Stem:

Structure shall be a 24" diameter structural tube with 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.

Rotating Display Platform:

The rotating display platform to have a center rotational coupling fitting which will allow platform to rotate nozzles into place. Platform to have (4) threaded ports for the different display nozzles which will allow for one off-center nozzle to compression fit into the off-center water feed from the mounting stem. Platform to have colorful cover and sides with texture for anti-slip grip.

(4) Nozzle Displays:

The display nozzles shall be water jewel, water funnel, water column, and water castle. These nozzles shall be constructed of machined brass.

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 stem, rotation platform, and base skirt. Color options are White, Purple, Yellow, Blue, Green, Red, and Orange.

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 a _____ *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 Rotating Spray Display 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 Rotating Spray Display will be provided with complete installation drawings and instructions. Please read all installation instructions prior to installation. Installer may call Aquatic Recreation Company LLC 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.