



# Specifications for Water Sprayer:

March, 2010

## **General Structure Design and Construction:**

The Water Sprayer is an interactive spray feature that emits a stream of water from the spot. This feature has side to side movement only. Feature standard height is 2'6" from mounting pad to top of mounting pedestal. 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 water projection. The manufacturer shall supply a complete structure package including: mounting pedestal, water sprayer 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 Sprayer 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](http://www.arc4waterplay.com).

## **Structure:**

Structure to have (3) components: mounting pedestal, water sprayer 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 flange. 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 Sprayer Nozzle:**

The Water Sprayer Body to be of a heavy duty molded/fabricated PVC product with mounting plate, water holding chamber, and side to side movement coupling to pedestal. The Body is to have limited 170° side to side movement.

## **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 Sprayer 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 Sprayer 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.