



## Specifications for Water Bucket Cluster:

March, 2010

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

The Water Bucket Cluster randomly pours a generous amount of water from five funnel-shaped buckets onto users below. Feature standard height is 16'0" from finished floor to top of upper stem. Feature structure is mounted direct to thickened concrete pad designed by others. Feature flow rates can be adjusted to increase or decrease the rate of the buckets filling and tipping. The manufacturer shall supply a complete structure package including: tubular pipe structure, funnel shaped buckets, bucket mounting hardware, base skirt, anchoring system, gaskets, fasteners, and hardware. Pumping system and supply piping with flow control valve to be supplied and installed by others. The Water Bucket Cluster is exclusively manufactured exclusively 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:**

The Water Bucket Cluster has (7) components: tubular pipe structure, (6) funnel shaped buckets and base skirt. These individual components to be assembled in the field with manufacturer supplied hardware and gaskets.

### **Tubular Structure:**

Structure shall be manufactured from smooth 8-inch diameter tube with standard 150-lb. mounting flange on one end. Entire structure constructed from fiberglass re-enforced plastic with durable finish designed to resist damage from wind speed of 100 mph and seismic Zone (4) classification.

### **Bucket Tipping Design:**

Fiberglass re-enforced plastic bucket will fill with water and tip when top heavy. Each bucket tips 1 to 1.5 gallons per each dump. Stainless steel hardware will mount bucket to pipe arm extension. Bucket mounting system will allow for bucket to correct it's self after dumping water.

### **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 finishes to be compatible with chlorinated water systems, be non-toxic, and non-corrosive. UV stabilizers are added to provide color protection in indoor and outdoor installations.

### **Colors:**

Owner may select colors for each individual component: tubular pipe structure, water buckets, 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-part 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 Water Bucket Cluster shall be packaged with all necessary support and protective wrapping as to protect from damage during shipping.

### **Installation Instructions:**

The Water Bucket Cluster 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.