



Specifications for Water Bucket:

March, 2010

General Structure Design and Construction:

The Water Bucket randomly pours a generous amount of water from a large funnel shaped bucket onto users below. The amount of water that is poured from the bucket can be field adjusted to vary the effect and volume. When the bucket gets top heavy it will tip water onto users below. Feature standard height is 13'0" from finished floor to top of upper water bar. Feature structure is mounted directly to thickened concrete pad designed by others. Feature flow rates can be adjusted to increase or decrease the rate of the bucket filling and tipping. The manufacturer shall supply a complete structure package including: tubular pipe structure, funnel shaped bucket, stainless steel bucket mounting hardware, base skirt, anchoring system, gasket, fasteners, and hardware. Pumping system and supply piping with flow control valve to be supplied and installed by others. The Water Bucket 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: tubular pipe structure, funnel shaped bucket, and base skirt. These individual components to be assembled in the field with stainless steel hardware and gaskets supplied by the manufacturer.

Tubular Structure:

Structure shall be manufactured from smooth 6-inch diameter tube with standard 150 # mounting flanges on each 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. Stainless steel hardware will mount bucket to pipe arm extension. The S.S. mounting hardware will only allow bucket to tip in one direction. Owner will have option to tip water towards pipe base or away dependent on desired splash parameters. Bucket mounting system will allow for bucket to correct itself 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, bucket, 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 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 be a five year unconditional warranty against rust and corrosion. Warranties exclude normal wear and tear, abuse, improper installation and maintenance.

Packaging:

The Water Bucket shall be packaged with all necessary support and protective wrapping as to protect from damage during shipping.

Installation Instructions:

The Water Bucket 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.