



Specifications for Lazy River Water Buckets:

March 2010

General Structure Design and Construction:

The Lazy River Water Buckets is a structure that randomly pours a generous amount of water from a (3) large funnel shaped bucket onto users floating in a Lazy River pool. Feature standard height is 10'0" from top of pool wall to top of cross bar and length up to 16ft long. Feature structure is mounted directly to thickened concrete pad designed by others. Feature supply flow rate can be adjusted to increase or decrease the rate of the buckets filling and tipping. The manufacturer shall supply a complete assembly including: water buckets tubular structure, (3) water funnel buckets, stainless steel bucket mounting hardware, (4) base skirts, anchoring system, gaskets, fasteners, and hardware. Pumping system and supply piping with flow control valve to be supplied and installed by others. The Lazy River Water Buckets 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 (5) components: tubular structure, (3) funnel shaped buckets, and base skirts. These individual components to be assembled in the field with stainless steel hardware and gaskets supplied by the manufacture.

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. 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 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: tubular water bucket 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 studs. Studs to be drilled and anchored into place with a fast setting two-part component acrylic adhesive per manufacturer installation instruction.

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 Lazy River Water Buckets 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 Lazy River Water Buckets 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.