



## Specifications for Multi-Level Climb-N-Slide:

March, 2010

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

The Multi-Level Climb-N-Slide Play System combines eight (8) interactive water play activities on raised platform and slide structures. The eight water activities are Mini Dome, Water Weight, Water Bucket, Water Arch Bar, Water Sheet, Canopy Water Fall, Tube Slide and Kiddie Water Slide. Feature standard height is approximately 17' from mounting pad to top of canopy. Feature structure is mounted directly to thickened concrete pad designed by others. Feature flow rates can be adjusted to increase or decrease water flow activities. The manufacturer shall supply a complete structure package including raised platform structure with stair entry, (2) water slides, dome structure, canopy structure, (4) water display arms, base skirts, anchoring system, gasket, fasteners, and hardware. Pumping system and supply piping with individual feature flow control valves to be supplied and installed by others. The Multi-Level Climb-N-Slide Multi-Play System 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 consist of the following components: raised platform structure with stair entry, (2) water slides, dome structure, canopy structure, (4) water display arms and base skirts. These individual components to be assembled in the field with stainless steel hardware and gaskets supplied by the manufacturer.

### **Raised Platform Structure:**

Raised platform structure to consist of a pre-engineered fiberglass structure consisting of eight corner post support legs, grate support system, anti-slip textured grate flooring, stair entry, and complete railing system. The raised platform shall allow for the stem of the dome to extend through the grate and attach to a spool piece below. This spool piece shall be mounted to the concrete floor below the grate. A skirt around the perimeter of the lower platform shall be provided to ensure the safety of the patrons on the platform. Platforms will have needed supports and connections for both slide structure attachments. The platforms will have security panels that will prevent patrons from entering cavity underneath platform, stair, and slide elements.

### **Water Slide Structures:**

The water slides will connect to the raised platform structure. Slides will have required attachment flange and stainless steel hardware to attach slide to both the platform and pool floor.

### **Landing Pads:**

The slide safety pads are sold separately.

### **Mini Dome Structure:**

The Mini Water Dome is a structure that emits water from the top of a 5 ½ foot diameter dome and creates a sheet of water around the perimeter that falls onto users below.

### **Canopy Roof Structure:**

The canopy roof structure to consist of two sloping corrugated fiberglass panels mounted to the four corner posts. At the peak of the roof to be a molded supply trough with water feed connection.

### **Water Arch Bar:**

The Water Arch Bar is a proprietary product design that includes an internal water bar distribution manifold. This water bar manifold allows for the water to be redirected and evenly proportioned throughout the cross bar to create a more uniform water stream effect.

### **Water Sheet:**

The Water Sheet nozzle is a proprietary product design that includes an internal sheet flow distribution manifold. This water sheet manifold allows for the water to be redirected and evenly proportioned throughout the cross bar to create a more uniform water sheet.

### **Water Weight:**

The Water Weight is constructed of high impact dual color laminated panel with a stipple finish. The panel to have router graphics that explain the tubes capacity and weight. The water weight tubes are constructed of clear PVC industrial pipe that allows users to view the tube as it is being filled with water, adding to the excitement. The tubes vary in size, capacity, and weight allowing the structure to be suitable for all ages. Water Weight panel to be mounted directly to tubular support structure with manufacturer supplied stainless steel hardware.

### **Water Bucket:**

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.

### **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: raised platform structure with stair entry, (2) water slides, dome structure, canopy structure, (4) water display arms and base skirts. 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 Multi-Level Climb-N-Slide 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 Multi-Level Climb-N-Slide 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.