



Specifications for Multi-Play III:

March, 2010

General Structure Design and Construction:

The Multi-Play III System combines three standard structures into one cost-effective water play system. The three water activities are the Water Wheel, Water Pipe, and Water Sheet. Feature standard height is 14'0" from mounting pad to top of water wheel pipe. 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 tubular pipe structure, water wheel, (2) base skirts, anchoring system, gasket, fasteners, and hardware. Pumping system and supply piping with flow control valves to be supplied and installed by others. The Multi-Play System III 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 structure, water wheel, and base skirts. These individual components to be assembled in the field with hardware and gaskets supplied by the manufacturer.

Tubular Structure:

Structure shall be a 6" diameter structural tube with standard 150 # mounting flanges. 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 Sheet Nozzle:

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

Water Wheel Design:

The water wheel will be fabricated using a colorful polyethylene plastic. Water wheel will mount to structure with stainless steel hardware and spin when water falls.

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: water sheet structure, water wheel structure, water pipe structure, water wheel assembly 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 designed flow rate is available in either High Flow or Low Flow effects as listed below: (select one)

- Feature designed flow rate for this project is **High Flow**: _____ **GPM**, which will require a _____ **INCH** size pipe feed. This high flow rate will have approximately 1/2" thick water sheet effect and optimum flows to water wheel and water pipe effect.
- Feature designed flow rate for this project is **Low Flow**: _____ **GPM**, which will require a _____ **INCH** size pipe feed. This low flow rate will have approximately 1/4" thick water sheet effect and lower flows to water wheel and water pipe effect.

Interactive Flow Control Valve – (Optional):

Feature will be provided with 6" interactive flow control valve mounted to the Water Sheet. Interactive flow control valve to consist of a flanged mounted butterfly valve with modified disk to allow only 50% restriction, rubber molded wheel, and stainless steel hardware. (select one)

- This feature will be provided with Optional Interactive Flow Control Valve on water sheet effect.
- This feature will not be provided with Optional Interactive Flow Control Valve.

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-Play III 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-Play III 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.