



Specifications for Interrupter:

March, 2010

General Structure Design and Construction:

The Interrupter is an interactive feature that emits a laminar stream of water. Users can segment the stream by pushing a spring-loaded valve on the side of the structure. Users can produce short or long water segments depending on how fast or slow the valve is actuated. Feature standard height is 48" from mounting pad to top of dome cap. Feature structure is designed to be mounted directly to a thickened concrete pad designed by others. Feature flow rates can be adjusted to increase or decrease the projection of the water stream. The manufacturer shall supply a complete structure assembly including: interrupter body, nozzle display, valve assembly, base skirt, anchoring system, fasteners, gaskets, and hardware. Pumping system and supply piping with flow control valve to be supplied and installed by others. The Interrupter 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 (4) components: interrupter body, nozzle display, valve assembly, and base skirt. These individual components to be field installed with stainless steel hardware and gaskets supplied by the manufacturer.

Interrupter Body:

Structure shall be a 12" diameter structural tube with removable dome cap and 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.

Smooth Bore Nozzle:

The internal smooth bore nozzle shall emit a laminar stream of water arching outward. Nozzle shall be constructed of machined brass with adjustable swivel.

Valve Assembly:

The internal valve assembly shall be a spring-loaded push button valve mounted on side of structure. When not in use, valve shall remain open allowing stream of water to emit from structure. Users can actuate valve to produce laminar segments of water. Valve assembly to be constructed of non-corrosive thermoplastics and stainless steel.

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: interrupter body, dome cap, 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-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 Interrupter 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 Interrupter 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.