



Specifications for Water Pressure:

March, 2010

General Structure Design and Construction:

The Water Pressure is an interactive feature that emits water from several different orifices beginning with the very lowest. The user holds each orifice to get the water pressure to build up to the next orifice until the water sprays from the very top of the structure onto users below. Feature standard height is 8'0" from mounting pad to top of center pipe. 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 rate in which the water will fill to the top when orifices are closed off. The manufacturer shall supply a complete structure assembly including: water pressure main body with orifice outlet armatures, 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 Water Pressure 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 (2) components: water pressure main body with orifice armatures, and base skirt. These individual components to be field installed with stainless steel hardware and gaskets supplied by the manufacturer.

Main Body:

Structure shall be a 12" diameter structural tube with standard #150 mounting flanges. Stem is constructed from Structural Plastics with durable finish designed to resist damage from wind speed of 100 mph and seismic Zone (4) classification.

Orifice Armatures:

The armatures to be 6" smooth finish pipe with one armature straight out, one 90 deg. down, and one 90 deg. up. The center mast to be a 6" pipe extended to the full 8ft height. The orifice within armatures to be a 1 1/4" opening allowing for patron to cover with palm of hand to prevent water from pouring out port. Center mast to have a decorative nozzle allowing water to spray upward and outward on patrons 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: main body, (3) orifice armatures, 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 Water Pressure 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 Water Pressure 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.