



Specifications for Water Column:

March, 2010

General Structure Design and Construction:

The Water Column is a ground spray element that emits a vertical hollow column of water high into the air. The feature flow rates can be adjusted to increase or decrease the spray height effect. The Water Column is designed for wet deck applications with no standing water. The Water Column jet pod to be cast into thickened concrete pad with access cover flush with finished floor. The manufacturer shall supply a complete assembly including: water column jet pod, non-slip cover plate, bronze water column nozzle, vandal proof stainless steel hardware, and winterization cover plate. Pumping system and supply piping with flow control valve to be supplied and installed by others. The Water Column 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.

Jet Pod:

The Water Column jet pod is constructed of heavy-duty PVC plastic material with stainless steel hardware. Structure fittings and connection ports to be gas welded; triple bead fabrication for strength and durability. The jet pod is designed to be completely encapsulated into thickened concrete slab designed by others.

Cover Plate:

The cover plate to be constructed of a heavy-duty PVC plastic material with a colored, non-slip coating. The cover plate is to be secured to jet pod with tamper resistant stainless steel fasteners.

Nozzle:

Water Column nozzle to be a machined brass water level independent nozzle designed to create a vertical hollow column of water with a designed spray height of 10 ft.

Winterization:

Ground spray embeds will come complete with winterization cover plate and plugs. All water to be evacuated from structure by either blowing out plumbing lines or by gravity draining back to collection tank. Prior to plugging use of biodegradable swimming pool anti-freeze is recommended.

Colors:

Owner may select colors for the cover plate. Color options are White, Purple, Yellow, Blue, Green, Red, and Orange.

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 Column shall be packaged with all necessary protective wrapping so as to protect during normal shipping and handling. Care must be exercised during handling to avoid damage to product structure and finish.

Installation Instructions:

The Water Column will be provided with complete installation drawings and instructions. Please read all installation instructions prior to installation. Installer may call Aquatic Recreation Company 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.