



Specifications for Arch Jet Manifold:

March, 2010

General Structure Design and Construction:

The Arch Jet Manifold is a ground spray element that emits 6 clear arching streams of water creating a tunnel formation. The feature flow rates can be adjusted to increase or decrease the spray height and projection. The Arch Jet Manifold is designed for wet deck applications with no standing water. The Arch Jet Manifold is to be cast into thickened concrete pad with spray nozzle flush with finished floor. The manufacturer shall supply a complete assembly including: arch jet manifold structure, adjustable & removable arch jets, jet extraction tool and winterization plugs. Pumping system and supply piping with flow control valve to be supplied and installed by others. The Arch Jet Manifold 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 Manifold:

The Arch Jet Manifold is constructed of heavy-duty PVC plastic material with industrial solvent welded fittings for strength and durability. The Arch Jet Manifold is designed to be completely encapsulated into a thickened concrete slab designed by others.

Arch Jet:

Arch Jets are manufactured from heavy-duty PVC plastic materials. Arch jet threads into jet manifold structure with a jet extraction tool. Arch jet creates a clear stream water effect with a design spray height of 5ft.

Winterization:

Arch Jet Manifold will be provided with threaded winterization 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 a biodegradable swimming pool anti-freeze is recommended.

Colors:

The top of jet fitting to be flush with finished floor and be gray in color.

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" stream effects.
- 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" stream effects.

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 Arch Jet Manifold 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 Arch Jet Manifold 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.