



Specifications for Water Mist-N-Spout:

August, 2010

General Structure Design and Construction:

The Water Mist-N-Spout is a structure that emits an angular multiple stream effect from a bent pipe and multiple fine sprays from the tubular structure on to the users below. Feature standard height is 9'0" from mounting pad to top of pipe structure. Feature structure is mounted directly to thickened concrete pad designed by others. Feature flow rates can be adjusted to increase or decrease the volume and velocity of the nozzle effect. The manufacturer shall supply a complete assembly including: tubular pipe structure, multiple fine spray nozzles, gas welded PVC nozzle, base skirt, anchoring system, gasket and fasteners. Pumping system and supply piping with flow control valve to be supplied and installed by others. The Water Mist-N-Spout 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: tubular structure, and base skirt. These components to be assembled in the field with stainless steel hardware and gaskets supplied by the manufacturer.

Tubular Structure:

Structure shall be a 6" dia. Structural tube with standard 150# flanged connection on mounting base. Entire structure constructed from fiberglass re-enforced plastic with durable finish designed to resist damage from wind speed of 100 mph and seismic Zone (4) classification.

Spout Nozzle:

The Water Mist-N-Spout nozzle to be a fabricated from durable gas welded PVC with natural finish. Nozzle to have a series of perimeter streams spraying in a circular pattern.

Mist Nozzle:

The water spray nozzle is a recessed brass nozzle body threaded in a nozzle well insert within tubular structure. These nozzles are designed for lower flow rates to allow for arch structure to pressurize and evenly distribute water over its entire length. Nozzles are corrosion resistant to reduce necessary maintenance. Nozzle removal for cleaning and replacement can be done with a standard socket wrench.

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: tubular pipe structure 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 studs. Studs to be drilled and anchored into place with a fast setting two-part component adhesive per manufacturer installation instruction.

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 and strainer, supplied by others.

Interactive Flow Control Valve – (Optional):

Feature will be provided with 6" interactive flow control valve mounted to tubular structure. 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.
- 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 Water Mist-N-Spout 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 Mist-N-Spout 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.