

Rotary Atomiser Technical Information Sheet

Description:

The Probe Rotary Atomizer Device uses a rotating gauge cylinder to create droplets of uniform size..(mono-dispersed)

The Rotary Atomizer works by injecting water into the cylinder head spinning at 12,000 RPM dividing the liquid into an incredible 952 billion droplets per gallon.

Independent Research on the Probe Rotary Atomizer conducted by Northumbria University has shown that the droplets created by Probe Rotary Atomizers combine most effectively with odor molecules and dust particles in the atmosphere..

Main Advantages:

The pattern and droplets formed by the Probe Rotary Atomizer result in a dramatic increase in efficiency for all spraying methods, creating the perfect droplet size, thereby reducing wasted liquid that is produced by conventional nozzle systems..Large droplets waste water because they do not adhere to particulates in the air and fall to the ground to soon.. On the other hand, droplets that are too small can drift away from a target area and evaporate too quickly.. The ideal is a consistent spray pattern, with uniform droplet size... The Probe Rotary Atomizer comes with a standard flow meter, which allows for a variable flow rate of liquid into the cylinder head..The flow rates can be regulated from 1/4 up to 50 gallons per hour, quickly and easily..

Maintenance Problems Eliminated:

The Probe Rotary Atomizer has overwhelming advantages compared to conventional nozzle systems, which tend to become blocked and deformed with use.. Conventional nozzles have to be replaced, regularly maintained, require an extensive installation process (require filter changes, etc...) and of course do not allow a variable flow rate..

Probe Rotary Atomizers:

- * Never Blocks - No Need for Filters
- * Use less water than nozzle systems
- * Requires little or no maintenance
- * Quickly and easily installed
- * Energy efficient
- * Mono dispersed droplet
- * Provides excellent coverage area per unit

