



Drip Free Directionally Adjustable Air Injection Nozzle With Check Valve and Magnetic Base



These Drip Free Fogco air injection nozzles are all stainless steel and rated for use with treated and aggressive water. They are mounted on a magnetic base for quick and simple installation and provide both vertical and horizontal adjustment of the direction of the fog.

The Drip Free nozzle design includes an automatic check valve that eliminates dripping at shut down and prevents the water from flowing through the nozzle if there is a loss of air pressure. The nozzle also includes a clean out needle that removes any build up from nozzle orifice each time it shuts down.

This nozzle produces a flow rate of 8 lbs per hour with air pressure of 40 psi and water pressure of 30 psi; a flow rate of 12 lbs per hour with air pressure setting of 40 psi and water pressure setting of 35 psi; and a flow rate of 16 lbs per hour with air pressure of 40 psi and water pressure of 40 psi. The air consumption for this nozzle is 1.7 cfm, 1.5 cfm, and 1.4 cfm respectively.

The nozzles utilize both air pressure and water pressure to operate and require the availability of compressed air of at least 80 psi and 25 cfm and water pressure of at least 60 psi.

The connections for the air and water lines to the nozzles should be low pressure ¼" o.d. flexible poly tubing. The nozzles include ¼' slip lok swivel fittings. These nozzles are rated for use with treated water.

To clean the nozzle, unthread the outer lock nut and remove the air cap. Then, unthread the fluid cap. The check valve and clean out needle will be extended outside the housing of the nozzle and into the fluid cap. Be careful to not bend or distort the needle.

Using compressed air, blow out the fluid cap and the interior of the nozzle. Carefully replace the fluid cap back on the nozzle body and thread into place. Place the air cap on the fluid cap and thread in place.

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