

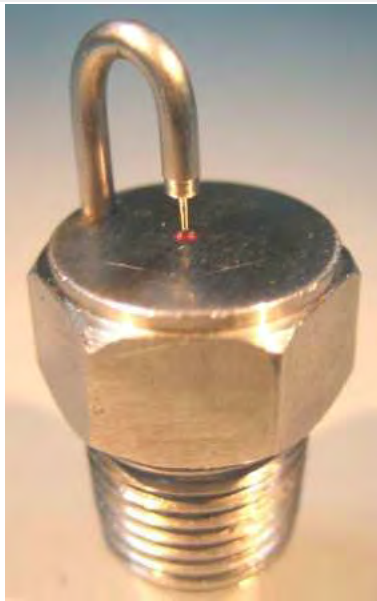


RI series

RUBY INSERT Fog Nozzles

Ruby-orifice 316 Stainless Steel Fog Nozzle produces Fog from 1 to 15 microns @ 70 bar

Spray angle : 90 to 120 degrees plume Fog



NOZZLE MODELS	ORIFICE (INCH)	FLOW RATE @ 5 BAR (LPM) MIST	ORIFICE (MM)	FLOW RATE @70 BAR (LPM) FOG
RI-10	0.0040	0.015	0.10	0.051
RI-15 *	0.0060	0.030	0.15	0.097
RI-20 **	0.0080	0.086	0.20	0.174
RI-30	0.0120	0.120	0.30	0.343
RI-40	0.0150	0.188	0.40	0.454
RI-50	0.0196	0.342	0.50	0.560

Connection sizes in 1/8" (male)NPT or 1/4" (M)NPT.
 *RI-15 will be standard size for most applications.
 **RI-20 will be standard for Turbine Cooling applications.

The nozzle consists of a 316 stainless steel body with ruby-orifice, 316SS impingement pin and extended polypropylene filter to avoid trapping particles in the base of the nozzle. High-pressure water (400-3200 psi) reaches the nozzle, shooting a fine liquid jet against an impingement pin of equal diameter resulting in the finest atomization possible, atomizing water into billions of 1 to 15 micron droplets like those occurring in natural fog.



RI-15 @70bar
120 deg Fog Plume



RI-15 @50bar
90 deg Fog Plume



HIGHLY DENSE CRITICAL MASS FOG with increasing pressure

