

MISTING-ATOMIZING SPRAY NOZZLES



Ultra-Fine Atomizing Mist

- High quality spray nozzle with ceramic orifice for extended life.
- Built-in check valve prevents dripping when not in use.
- 304 stainless steel screen.
- Free pass area is 40% larger than conventional nozzles.
- Provides uniform fine droplet for misting and atomizing at high efficiency.
- 1/4" NPTM fitting for easy mount.

Typical Applications:

- Fogging
- Humidification
- Fire Protection
- Disinfection
- Special Effects
- Mist Cooling
- Moisture Control
- Dust Suppression
- Deodorizing



31945

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Nozzle Performance Chart

GPM Nozzle Flow at Various Pressures					
MODEL	Free Pass Dia. (mm)	400 PSI 25 BAR	600 PSI 40 BAR	800 PSI 55 BAR	1000 PSI 70 BAR
31943	.025	.015	.018	.022	.025
31944	.03	.035	.042	.048	.055
31945	.05	.05	.06	.07	.08

GPH Nozzle Flow at Various Pressures					
MODEL	Free Pass Dia. (mm)	400 PSI 25 BAR	600 PSI 40 BAR	800 PSI 55 BAR	1000 PSI 70 BAR
31943	.025	.90	1.08	1.32	1.44
31944	.03	2.1	2.52	2.88	3.3
31945	.05	3.0	3.6	4.2	4.8

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