JM

FOG-MIST SPRAY NOZZLE

DESIGN FEATURES

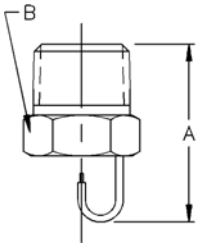
- High energy efficiency
- One-piece, compact construction
- No whirl vanes or internal parts
- 1/8” or 1/4” male connection
- 100-mesh screen or 70 micron polypropylene
- Optional welded pin and optional safety wire hole

SPRAY CHARACTERISTICS

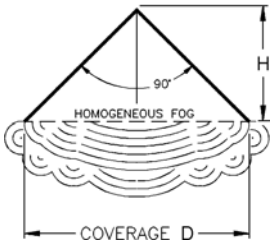
- Finest fog of any direct pressure nozzle

Spray pattern: Cone-shaped Fog
Spray angle: 90°. For best 90° pattern operate nozzle at or above 4 bar
Flow rates: 0.043 to 5.34 l/min

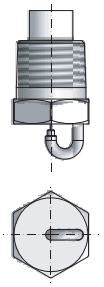
Fog



Male



Fog Pattern



JM with polypropylene filter

Flow Rates and Dimensions

Male Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE @ BAR 2 bar	3 bar	5 bar	10 bar	20 bar	30 bar	50 bar	70 bar	Approx. Orifice Dia. (mm)	Approx. Cov. D (mm)	Approx. Spray Height H (mm)	Pipe Size	Dim. (mm) A	Dim. (mm) B	Wt. (g) Metal
	JM6	0.0137			0.031	0.043	0.061	0.075	0.097	0.114	0.152	203	103				
	JM8	0.0259			0.058	0.082	0.116	0.142	0.183	0.217	0.203	254	127				
1/8	JM10	0.0387		0.067	0.087	0.123	0.173	0.212	0.274	0.324	0.254	254	127	1/8	19.1	11.1	
	JM12	0.0524		0.091	0.117	0.166	0.234	0.287	0.371	0.439	0.305	254	127				
	JM15	0.0843	0.119	0.146	0.189	0.267	0.377	0.462	0.596	0.705	0.381	254	127				7
OR	JM20	0.153	0.216	0.264	0.341	0.483	0.683	0.836	1.08	1.28	0.508	310	155				
	JM24	0.228	0.322	0.395	0.510	0.721	1.02	1.25	1.61	1.91	0.610	400	200				
	JM28	0.296	0.419	0.513	0.662	0.937	1.32	1.62	2.09	2.48	0.711	460	230	1/4	24.6	14.2	
1/4	JM32	0.410	0.580	0.710	0.917	1.297	1.83	2.25	2.90	3.43	0.813	560	280				
	JM40	0.638	0.902	1.11	1.43	2.02	2.85	3.49	4.51	5.34	1.02	610	305				

Flow Rate ($^{l}/_{min}$) $= K\sqrt{bar}$

Standard Materials: Brass, 303 Stainless Steel, and 316 Stainless Steel

DOMISTING