MicroWhirl™

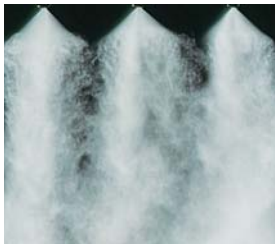
Fine Atomization

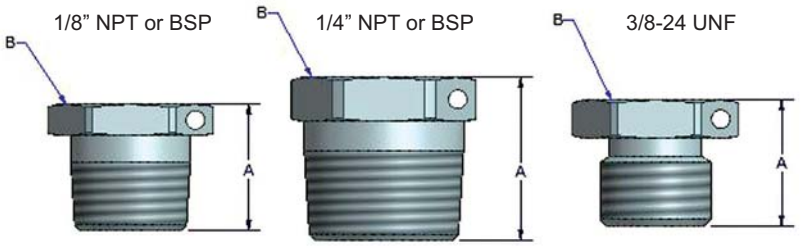
Metal

DESIGN FEATURES
- Outstanding atomization
- Rugged pinless design
- Drip-free performance
- 70 micron polypropylene filter
- Safety wire hole available
- U.S. Patent #7198201
- Minimum operating pressure 7 bar

SPRAY CHARACTERISTICS
- Mist at low pressure; fog at high pressure

Spray pattern: Cone-shaped Fog
Flow rates: 0.032 to 1.413 l/min


Fog



Shown with optional 1.59mm (1/16") diameter safety wire hole

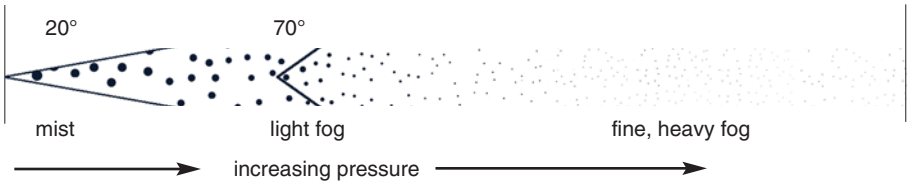
Dimensions (mm)

Pipe Size	A	B
1/8"	12.3	11.1
1/4"	17.5	14.3
3/8-24UNF	10.8	12.7

Dimensions are approximate. Check with BETE for critical dimension applications.

MicroWhirl Flow Rates and Dimensions
Fogging, 70° Spray Angle, 1/8", 1/4" BSP or NPT or 3/8" - 24 UNF Pipe Sizes

Male Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE @ BAR								Wt (g)
			7 bar	20 bar	40 bar	70 bar	100 bar	140 bar	170 bar	200 bar	
1/8" or 1/4" or 3/8"-24UNF	MW085	0.0122	0.032	0.055	0.077	0.102	0.122	0.145	0.160	0.173	7.09
	MW105	0.0151	0.040	0.068	0.096	0.127	0.151	0.179	0.197	0.214	
	MW125	0.0180	0.048	0.081	0.114	0.151	0.180	0.213	0.235	0.255	
	MW145	0.0209	0.055	0.093	0.132	0.175	0.209	0.247	0.272	0.296	
	MW195	0.0281	0.074	0.126	0.178	0.235	0.281	0.332	0.366	0.397	
	MW275	0.0396	0.105	0.177	0.251	0.332	0.396	0.469	0.517	0.560	
	MW695	0.09988	0.264	0.447	0.632	0.836	0.999	1.182	1.302	1.413	



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

Standard Materials: 303 and 316 Stainless Steel, Polypropylene filter (Viton O-ring seal supplied for 3/8"-24 UNF connection)

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.

TO ORDER: *specify pipe size, connection type, nozzle number, spray angle, and material.*