

Product specifications

- Operating pressure range: 25 to 50 PSI
- Flow rate: 5.9 GPH @ 30 PSI
- Pattern: 360°
- Wetting area: 4.3' to 7.2'
- Average droplet size: 140 microns
- Filter requirement: minimum of 120 mesh
- Recommended spacing: 3' to 5' apart
- Material: high-impact plastic

FLOW RATE, AND DIAMETER

Pressure	Spray mist	Flow rate	diameter
PSI	Mister base	GPH	360°
25	blue .051	5.3	4.3'
30	Blue .051	5.9	4.7'
35	Blue .051	6.3	5.1'
40	Blue .051	6.8	5.4'
45	Blue .051	7.2	6.2'
50	Blue .051	7.4	7.2'

*Diameter is based on 10" above ground

MAXIMUM NUMBER OF MICRO SPRAYERS ON 1/2" (.600 ID) DRIP TUBING

Micro sprayer spacing	3'	4'	5'	6'	7'
Flow rate @ 30 PSI	5.9	5.9	5.9	5.9	5.9
Maximum length	99'	116'	135'	150'	168'
Flow rate in GPM	3.25	2.85	2.66	2.46	2.36
Flow rate in GPH	194.7	171.1	159.3	147.5	141.6
# of micro mist sprayers	33	29	27	25	24
Head loss in PSI	5.1	4.7	4.8	4.6	4.8
Velocity (f/s)	3.69	3.24	3.02	2.79	2.68
48" micro tubing head loss in PSI	0.1	0.1	0.1	0.1	0.1
Total head loss at the spray head	5.2	4.8	5.9	4.7	4.9

*This information is based on operating pressure of 30 PSI