

Dig Low Flow Fogger/Mister

The 8825BB Fogger/Mister with a 1/4" barb and the 8810BB Fogger/Mister with 10/32 thread produce a full-circle fine mist with very fine droplet size at a flow rate of .71 to .9 GPH at 30 to 60 PSI. Each of the two models is constructed of three parts, including a body with a barb or thread and cover, a color-coded nozzle and an O-ring.

The fogger/misters can be connected into the end of 1/4" micro tubing or directly to poly tubing or extended using a 1/4" PE riser. Use them around pools and patio areas or where overhead watering is suggested for any type of planting, including vegetation that requires continuous moisture, or for humidifying effect. They can significantly reduce the temperature inside greenhouses to maintain ideal temperature and humidity.

For complete coverage of an area, the recommended spacing is 3' to 4' between each fogger/mister head to a maximum distance of 262' to 475' in length using 1/2" drip tubing as the main lateral.

For densely planted areas or for maximum cooling effect, place the fogger/misters close together for good overlapping

coverage. Do not use them in windy areas, as the small size droplets can be easily dispersed in the air, even under low-to-moderate wind conditions, adversely affecting uniformity.

One of the main advantages of the fogger/misters is that a relatively large number can operate simultaneously with a small-sized pipe.

FLOW RATE, AND DIAMETER

Pressure	Misitng	Flow rate	diameter
PSI	Mister base	GPH	360°
30	purple 0.010	.71	2.2'
35	purple 0.010	.76	2.3'
40	purple 0.010	.80	2.4'
45	purple 0.010	.84	2.5'
50	purple 0.010	.85	2.5'
55	purple 0.010	.87	2.6'
60	purple 0.010	.90	2.6'

MAXIMUM NUMBER OF FOGGER/MISTERS ON 1/2" DRIP TUBING WITH .600 ID

Micro sprayer spacing	2'	3'	4'	5'
Flow rate @ 50 PSI	.85	.85	.85	.85
Maximum length	262'	339'	412'	475'
Flow rate in GPM	1.85	1.60	1.46	1.35
Flow rate in GPH	111.4	96.1	87.6	80.8
# of micro mist sprayers	131	113	103	95
Head loss in PSI	4.8	4.7	4.8	4.8
Velocity (f/s)	2.11	1.82	1.66	1.53
48" micro tubing head loss in PSI	0.0	0.0	0.0	0.0
Total head loss at the spray head	4.8	4.7	4.8	4.8

*This information is based on operating pressure of 50 PSI