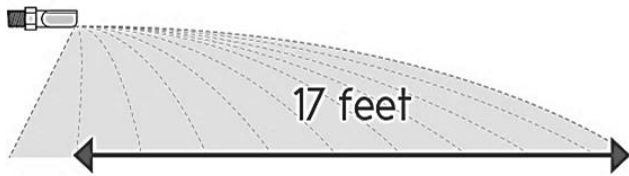


# Model 140

1/4" Standard Pipe Thread



Spray Distance	Effective Distance	Mounting Angle	PSI	GPM	Speed (Miles Per Hour)								
					2	4	5	6	8	10	12	14	15
18 ft	16.5 ft	LEVEL	30	2	30	15	12	10	7.5	6	5	4.3	4
18 ft	16.5 ft	LEVEL	40	2.4	36	18	14	12	9	7	6	5.1	4.8
18 ft	16.5 ft	LEVEL	50	2.7	41	20	16	14	10	8	6.8	5.8	5.4

Shaded area represents gallons per acre.

Other Models Available for Agricultural and Roadside/Right-of-Way Applications:

## Standard Band

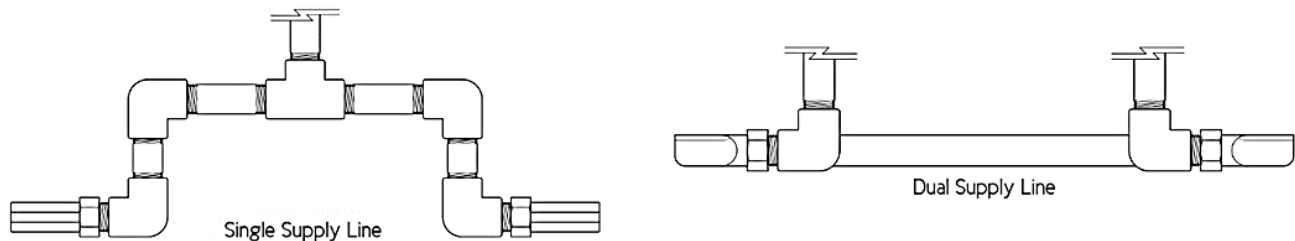
Model	NPT	PSI Range	Distance (feet)	Speed Range (MPH)	Output (GPM)	Gallons/Acre
125/125R	1/4"	30 - 40	17	1 - 7	1.7 - 2.0	7.8 - 64
140/140R	1/4"	30 - 50	18	2 - 15	2.0 - 2.7	4.0 - 41
187/187R	3/8"	30 - 50	20	2 - 15	3.6 - 4.8	6.4 - 64
265/265R	1/2"	30 - 50	21	2 - 15	6.8 - 8.8	11 - 112
375/375R	3/4"	30 - 50	23	2 - 15	14.4 - 18.8	22 - 216
437/437R	3/4"	30 - 50	31	2 - 15	18.5 - 24.2	21 - 203
500/500R	1"	30 - 50	21.5	4 - 30	29 - 37	24 - 229
504/504R	1"	30 - 50	41	2 - 15	29 - 37	24 - 229

## Narrow Band

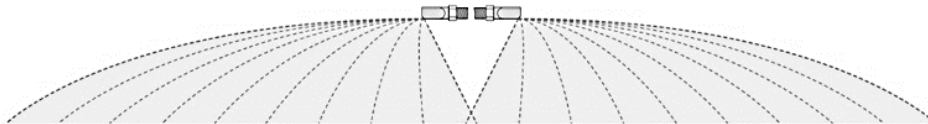
Model	NPT	PSI Range	Distance (feet)	Speed Range (MPH)	Output (GPM)	Gallons/Acre
120-3/120-3R	1/4"	30 - 50	3	2 - 15	1.7 - 2.2	19 - 181
120-5/120-5R	1/4"	30 - 50	5	2 - 15	1.7 - 2.2	11 - 109
180-6/180-6R	3/8"	30 - 50	6	2 - 15	3.6 - 4.8	20 - 198
180-10/180-10R	3/8"	30 - 50	10	2 - 15	3.6 - 4.8	12 - 109
260-5/260-5R	1/2"	30 - 50	5	2 - 15	6.8 - 8.8	45 - 435
260-11-260-11R	1/2"	30 - 50	11	2 - 15	6.8 - 8.8	20 - 198
370/370R	3/4"	30 - 50	10	2 - 15	6.8 - 8.8	24 - 233

## Nozzle Installation & Operation – Agricultural Applications

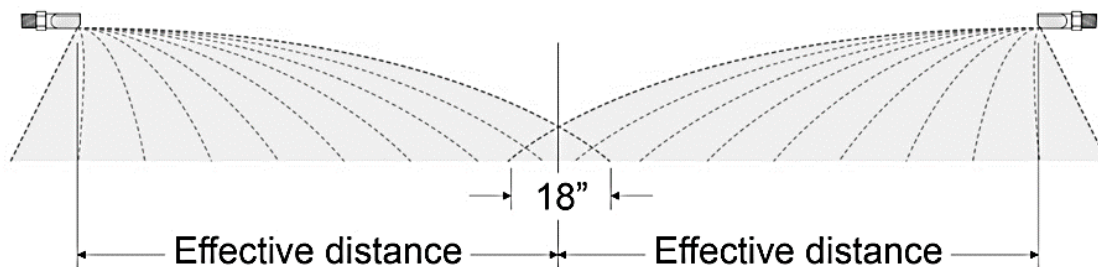
- For single nozzle installation, the supply line from the pump should be one pipe size larger than the nozzle thread size. For example, if the nozzle has a 1/2" thread, the supply line should be 3/4".
- For dual nozzle installation, the supply line should be two sizes larger than the nozzle pipe thread.
- Boom Buster nozzles are tested at a height of 48" above ground level. They can be mounted lower or higher than 48". This may require adjusting the angle of the nozzle to achieve the correct distance (in feet) as specified in the nozzle selection guide.
- Some Boom Buster nozzles are designed to be mounted level, while others should be angled either up or down.
- Mounting nozzles on street elbows allows for quick and easy nozzle adjustment. Single and dual supply line installations are illustrated below.



- For dual nozzle installation, nozzles should be mounted close enough together to insure proper overlap.



- In multiple pass spraying, the end of the pattern should overlap approximately 18".



- While small mesh nozzle strainers are not necessary, a coarse mesh inline strainer may be necessary if tank or water supply becomes contaminated with large particles.
- Minimize drift by spraying just above the crop or ground to be sprayed. As with any method of spraying, high or gusty wind can cause some pattern shifting. Always use good judgment when spraying; do not spray in high winds.
- Spray it safe! Always wear protective clothing and handle all chemicals with care.