

Double Jet Sprinkler Model 920

The 920 series double jet sprinkler is ideal for low volume irrigation. The sprinkler operates on a patented concept, based on a turbine mechanism and as a result irrigates with a smooth and balanced operation. The two jets design gives better resistance to wind conditions and uniform distribution.



Applications

- Ideal for irrigation of crops that are very sensitive to uniform water distribution, such as Carrots, Potatoes, Onions and Greens.
- Applicable for:
 - Nurseries, Green Houses, Cooling and Frost Protection
 - Full coverage of plantation (Banana, Avocado, Kiwi, Mature trees)
 - Parks and Gardens.

Technical Specifications

- Insect protected – sprinkler shuts off after irrigation.
- Integral Inlet Filter
- Available in: 180,200,240, 300, 400, 450 l/h.
- (0.77,0.88,1.06,1.32,1.76,1.98 gpm)
- Operating pressure: 2.0 -3.0 bar (29-43 psi).
- Available connections:
 - Female Thread:1/2",3/4"
 - New- Male thread 1/2
 - Plunger for PE tube 5/8"
 - Press fit for collar and 9/13 PVC tube.
- Overlapping Spacing: up 10 x 10 m'(33 x 33 ft.)
- Trajectory angle 12°
- Wetting Diameter 14-16 m' (46-53 ft.)
- Required Filtration:60 mesh
- Special engineering raw materials for long life and durability



Performance Table

Metric Unit

Nozzle (mm)	Q (l/h)	Precipitation (mm/h)							
		Spacing (m)							
		3x3	4x4	5x5	6x6	7x7	8x8	9x9	10x10
1.9	180	20.0	11.3						
2.0	200	22.2	12.5						
2.2	240	26.7	15.0	9.6	6.67	4.9	3.75	2.96	2.4
2.4	300	33.3	18.8	12	8.33	6.12	4.69	3.7	3.00
2.7	400	44.5	25.0	16	11.11	8.16	6.25		
2.8	450	49.7	28.0	17.9	12.43	9.13	6.99	5.52	

US Units

Nozzle (inch)	Q (gpm)	Precipitation (inch/h)							
		Spacing (Ft)							
		7X7	13X13	16X16	20X20	23X23	26X26	30X30	33X33
0.074	0.79	0.787	0.445						
0.078	0.88	0.874	0.492						
0.086	1.06	1.051	0.591	0.378	0.263	0.193	0.148	0.117	0.094
0.094	1.32	1.311	0.740	0.472	0.328	0.241	0.185	0.146	0.118
0.105	1.76	1.752	0.984	0.630	0.437	0.321	0.246		
0.109	1.98	1.957	1.102	0.705	0.489	0.359	0.275	0.217	

1. At 70 cm (2Ft) height and operational pressure of 2 Bar (29 PSI)

For detailed distribution charts please refer to our computerized support system

Distribution Uniformity

CU < 83	CU= 83-85	CU=86-91	CU> 93
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261- 920 Sprinkler Stand

