Micro-Bird® Spinners

Micro-Bird II Spinners

The Micro-Bird II Spinner is a low-flow, micro-sprinkler ideal for applications of mature trees, greenhouses, nurseries, gardens, and landscapes.

- "Tall Bridge" and superior plastic design reduces wear and stalling.
- Unique spinner design provides a superior wetted pattern.
- "Two-Step" thread configuration to accommodate both large and small sizes of distribution tubing.
- Four color-coded nozzle bodies for easy identification.
- 340˚ pattern design provides uniform coverage without wetting tree trunks.
- Low 10˚ trajectory angle to fight wind drift.
- Filtration mesh hole size should be approximately 10 times smaller than nozzle size.

1 bar = approx. 100 kPa.

GENERAL NOTE: Performance data are obtained under ideal test conditions and may be adversely affected by wind, hydraulic conditions, and other factors.

*Flow and diameter are based on pressure at the base of the Micro-Bird Spinner and a 6 in. (15cm) riser height.

Performance Data*

MODEL (nominal nozzle diameter)	Filtration Requirements mesh (Microns)	360˚ PRES (bar)	360˚ Flow (gph)	360˚ Dia (ft)	340˚ PRES (bar)	340˚ Flow (l/h)	340˚ Dia (m)
SP12-340 Blue (0.99mm/0.039")	150 (105)	15	10.1	18	1.0	38.0	5.6
		20	11.6	19	1.5	45.0	6.0
		25	12.9	20	2.0	53.0	6.4
		30	14.1	21	2.5	58.0	6.6
		35	15.3	21	3.0	65.0	6.8
		40	16.3	22			
SP16-340 Green (1.21mm/0.048")	120 (125)	15	15.1	20	1.0	57.0	6.0
		20	17.4	21	1.5	67.0	6.6
		25	19.4	22	2.0	80.2	7.0
		30	21.2	23	2.5	86.3	7.2
		35	22.8	23	3.0	95.0	7.2
		40	24.2	24			
SP24-340 Red (1.45mm/0.057")	100 (150)	15	20.9	21	1.0	79.0	6.4
		20	24.1	23	1.5	95.0	7.0
		25	26.9	24	2.0	110.0	7.4
		30	29.3	24	2.5	118.0	7.6
		30	31.4	25	3.0	130.0	7.8
		40	33.3	25			
SP30-340 Orange (1.73mm/0.068")	80 (180)	15	28.9	23	1.0	110.0	7.0
		20	33.4	24	1.5	129.0	7.6
		25	37.2	26	2.0	153.0	8.0
		30	40.5	26	2.5	164.0	8.2
		35	43.3	27	3.0	180.0	8.4
		40	45.8	27			

TRANSFER TUBE ASSEMBLY PRESSURE LOSS CHART

U.S. UNITS			METRIC UNITS		
Flow	Pressure Loss (psi)		Flow	Presssure Loss (bar)	
(gph)	24"	36"	(l/h)	61cm	91cm
05	0.2	0.2	20	0.01	0.02
10	0.6	0.8	40	0.04	0.06
15	1.2	1.7	60	0.10	0.13
20	2.2	3.0	80	0.17	0.23
25	3.3	4.5	100	0.25	0.35
30	4.7	6.4	120	0.36	0.49
35	6.2	8.5	140	0.48	0.65

All components are protected by UV inhibitors and resist agricultural chemicals.