

Modular Sprinkler



Features & Benefits



Available various options

Complete range of micro-sprinklers and micro-jets



Specially designed side Ribs

Single side smooth streamlined side ribs to secure the spinner and give minimum obstruction to water jet



Unique Spinner Design

Specially designed spinning for uniform water distribution



Optional Antimist

Optional anti-mist device for higher distribution uniformity



Detachable nozzle and spinner.

Offers ease in maintenance and inspection



Tapered Inlet Connection

For easy connectivity with assembly, 1/8" Push fit tapered inlet connection is available.

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Additional Features

- **Various different options available to fit our exact requirement:** Small, medium or large droplets produced by different sprayers, swivels
- **Manufactured from special grade polymer material:** Components manufactured out of revolutionary polymers to achieve wear resistance and longer trouble free performance.
- **Excellent Precipitation:** Gentle precipitation, no damage to flowers / plants
- **Quality Come First:** Each batch is tested for stringent quality parameters

Applications

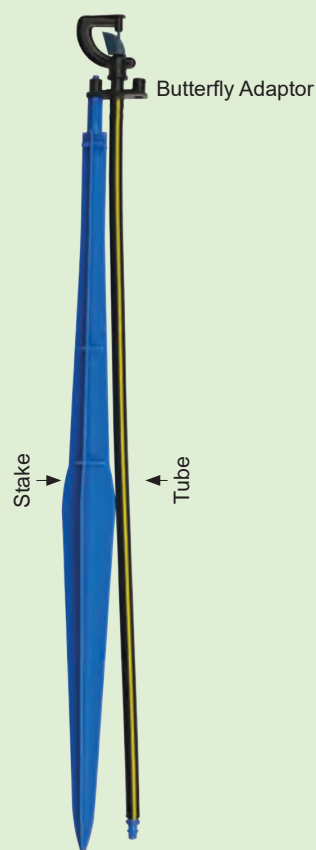
- Suitable for soils where adequate wetting is difficult to achieve and where water is available only for short periods
- Unlimited combinations flow rates & wetting patterns for:
 - Irrigation in orchards, vegetables and gardens
 - Irrigation in greenhouses and shade houses
 - Cooling of poultry and livestock

Specifications

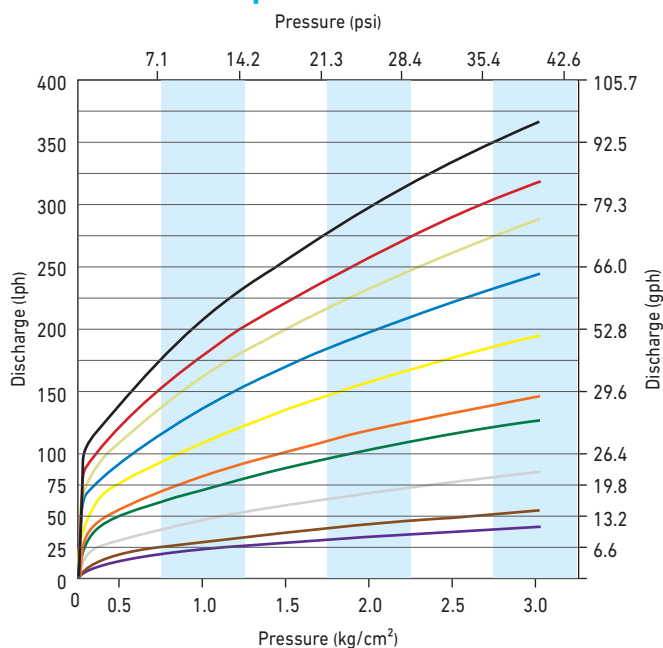
- Flow Rates: 25 to 397 lph
- Inlet Connection: Push-Fit taperd connection
- Recommended Spacing's: 0.5 m to 5 m
- Recommended Pressure: 1.5 kg/cm² to 3.5 kg/cm² (21.33 to 42.66 psi)
- Easy to install with different mounting options. For details please refer to "Polyfittings & Accessories" section.
- Minimum filtration requirement
 - 130 micron for Purple & Brown nozzle
 - 200 micron for other nozzle



Modular Assembly



Performance Graph



Note : Sprinkler tested under standard test conditions.

212 lph
 184 lph
 166 lph
 141 lph
 113 lph
 85 lph
 74 lph
 49 lph
 32 lph
 25 lph

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Technical Specifications – Flow rate by nozzle (lph)

Pressure (kg/cm ²)	Nozzle colour & diameter (mm)									
	Violet 0.82	Brown 0.94	Gray 1.16	Green 1.41	Orange 1.50	Yellow 1.73	Blue 1.92	Ivory 2.07	Red 2.18	Black 2.34
1.0	25	32	49	74	85	113	141	166	184	212
1.5	30	37	60	90	105	140	170	204	225	260
2.0	35	43	70	105	120	160	200	235	260	300
2.5	39	50	78	117	134	179	224	263	291	335
3.0	43	55	86	129	147	196	245	288	318	367
3.5	46	60	93	139	159	212	265	311	344	397

Wetted diameter (m) at 2.0 kg/cm² and 0.25 m above ground level*

Antimist (Colour / Size,mm)	Nozzle colour	Nozzle Size (mm)	Flow rate (lph)	Static Spreaders								Swivels						
				90°	180°	Mist Sprayer	Strip	Close range	Flat	12 Jets	Small black	Anti-ant	One-sided Black**	One-sided Blue**	Big or-ange	Inverted*		
																	Height (m)	
																	0.6	1.8
	Violet	0.82	35	1.7	2.2	1.5	3.2	0.9	2.8	3.4	5.5	6.0	6.5				5.0	6.0
	Brown	0.94	43	1.7	2.5	1.8	4.2	0.9	3.4	4.5	5.5	6.0	6.5				5.0	6.0
	Gray	1.16	70	2.5	2.7		8.5	0.9	3.4	5.5	6.0	6.5	7.5				5.5	6.5
	Green	1.41	105	3.5	2.7		9.0	0.9	3.4	6.0	6.0	7.0	7.5		9.0		6.5	8.0
	Orange	1.50	120	4.5	2.7		9.0	0.9	4.0	6.0	6.0	7.0	8.0		9.0		7.0	8.5
	Yellow	1.73	160								6.5	8.0	8.0	8.0	9.0		7.5	9.0
	Blue	1.92	200									8.0	8.5	8.5	9.0		8.0	9.0
	Ivory	2.07	235										8.5	9.0	10.0		8.0	9.5
	Red	2.18	260										8.5	10.0	10.0		8.5	10.0
	Black	2.34	300										9.0	10.5	10.0		8.5	10.0
Green / 0.94	Green	1.41	40	2.0	1.2		2.8	0.8	3.5	2.5	4.0						4.5	5.5
Orange / 1.16	Orange	1.50	70	2.2	2.2		5.0	0.8	3.5	4.5	5.0						6.0	7.0
Yellow / 1.40	Yellow	1.73	90	2.5	2.5		5.5	0.9	4.0	5.0	5.5						6.0	7.5
Blue / 1.50	Blue	1.92	120	2.5	2.7		7.0	1.0	4.0	6.0	6.0						6.5	8.0

Tested under laboratory conditions

* Inverted swivel at 0.6 and 1.80 m. ** Only for upright uses



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Ordering Specifications

	XX	X
	Swivels	Nozzles, Discharge (lph)
25	11 - 90° Spreader (Black) 12 - 180° Spreader (Red) 13 - Closed range spreader (Orange) 15 - Flat spreader (Yellow) 16 - 12 jets spreader (Green) 17 - Strip spreader (Blue) 18 - Misting spreader (Violet) 23 - Small Swivel (Black) 24 - Big Swivel (Orange) 29 - Anti ant Swivel (Red / Black) 42 - One side Swivel (Blue) 43 - One side Swivel (Black) 45 - Inverted Swivel (Green)	0 - Brown, 43 1 - Ivory, 235 2 - Green, 105 3 - Blue, 200 4 - Violet, 35 5 - Orange, 120 6 - Yellow, 160 7 - Red, 260 8 - Black, 300 9 - Gray, 70

Example: 25455 - This code represent modular group of sprinkler with inverted swivel (green) and orange coloured (120 lph) nozzle.

Modular Inverted Sprinkler

