

J Mini Sprinkler



Features & Benefits



Detachable nozzle and spinner.

Offers ease in maintenance and inspection



Specially designed Ribs

Smooth streamlined side ribs to secure the spinner and give minimum obstruction to water jet.



Unique Spinner Design

Specially designed spinner for uniform water distribution



Colour codes for identification

Color coded nozzle are available for different flow rates.



3/8" BSP male threaded inlet.

For ease in connectivity with assembly, 3/8" male BSP connection available.



Precision molded sprinkler for assured quality

Confirming to Indian standard IS14605 and International Standard ISO 8026

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Additional Features

- **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

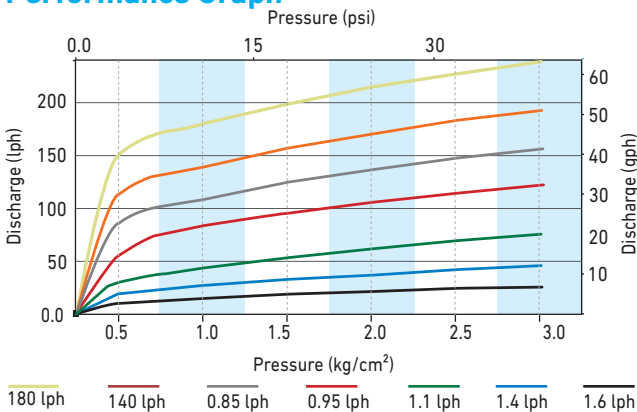
Applications

- Under-foliage irrigation
- Useful in landscape, flower beds, shrubs and nurseries.
- Suitable for soils where adequate wetting is difficult to achieve and where water is available only for short periods
- Recommended for irrigation of vegetables, nurseries etc. with 'Rainport™' system

Specifications

- Flow Rates: 16-180 lph (4.2 - 47.6 gph) at an operating pressure of 1kg/cm² (14.22 psi)
- Inlet Connection: 3/8" BSP male threaded
- Recommended Spacing's: 1.2 m to 4.4 m
- Recommended Pressure : 1 kg/cm² to 3 kg/cm²
- Nominal operating pressure is 1 kg/cm². Can be used for other pressure ratings (lower / higher) after consulting company representative and due care for spacing and application rate
- Easy to install with different mounting options. For details please refer to "Polyfittings & Accessories" section.
- Minimum filtration requirement - 100 micron

Performance Graph

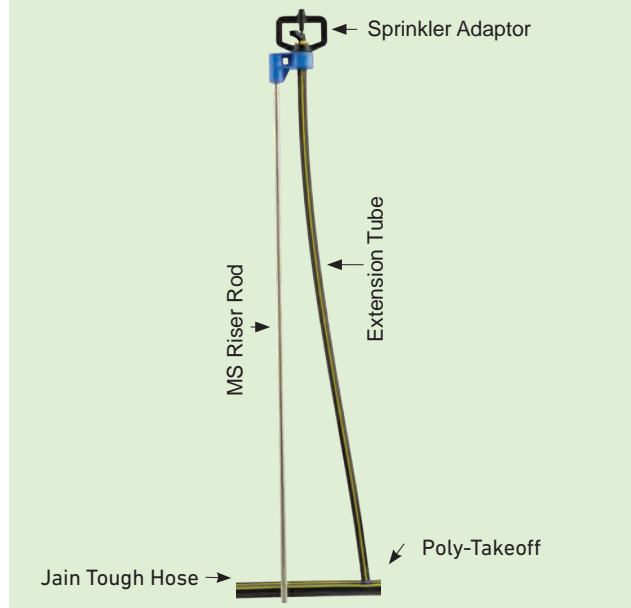


Ordering Specifications

JMJ	XX
	Nozzle Colour
	BK - Black
	BL - Blue
	GN - Green
	RD - Red
	WH - White
	OR - Orange
YL - Yellow	

Example: JMJBK - This code represents J-Mini Sprinkler with black coloured nozzle.

J Mini Sprinkler Assembly



Performance Chart

Nozzle Size (mm) / Colour	Emitter Exponent (x)	Flow Coeff. (k)	P		Q		D	
			(kg/cm ²)	(psi)	(lph)	(gph)	(m)	(ft)
0.65 / Black	0.51	16	1.0	14.22	16	4.23	2.4	7.9
			1.5	21.33	19	5.02	2.8	9.2
			2.0	28.44	23	6.08	3.2	10.5
			2.5	35.55	26	6.88	3.6	11.8
			3.0	42.66	28	7.41	4.0	13.1
0.87 / Blue	0.51	26	1.0	14.22	26	6.89	3.4	11.2
			1.5	21.33	32	8.46	3.6	11.8
			2.0	28.44	37	9.80	4.0	13.1
			2.5	35.55	42	10.99	4.2	13.8
			3.0	42.66	46	12.07	4.4	14.4
1.12 / Green	0.51	44	1.0	14.22	44	11.64	4.2	13.8
			1.5	21.33	55	14.40	4.4	14.4
			2.0	28.44	63	16.66	4.6	15.1
			2.5	35.55	71	18.70	4.8	15.7
			3.0	42.66	78	20.56	5.0	16.4
1.50 / Red	0.40	85	1.0	14.22	85	22.49	5.6	18.4
			1.5	21.33	100	26.45	6.0	19.7
			2.0	28.44	112	29.63	6.8	22.3
			2.5	35.55	122	32.28	7.0	23.0
			3.0	42.66	131	34.66	7.2	23.6
1.85 / White	0.43	110	1.0	14.22	110	29.10	6.0	19.7
			1.5	21.33	130	34.39	7.6	24.9
			2.0	28.44	148	39.15	8.0	26.2
			2.5	35.55	163	43.12	8.2	26.9
			3.0	42.66	176	46.56	8.4	27.6
2.10 / Orange	0.44	140	1.0	14.22	140	37.03	7.4	24.3
			1.5	21.33	163	43.12	8.0	26.2
			2.0	28.44	185	48.94	8.2	26.9
			2.5	35.55	205	54.23	8.4	27.6
			3.0	42.66	222	58.73	8.6	28.2
2.50 / Yellow	0.40	180	1.0	14.22	180	47.61	8.0	26.2
			1.5	21.33	211	55.82	8.4	27.6
			2.0	28.44	237	62.69	8.6	28.2
			2.5	35.55	259	68.51	8.8	28.9
			3.0	42.66	279	73.80	8.8	28.9

Flow equation $q = kH^x$, q = Discharge, lph, H = Pressure head, kg/cm², k = Flow coefficient, x = Emitter exponent.

P = Pressure; Q = Discharge; D = Diameter

Note: Tested under standard test conditions with nozzle positioned at 1 meter above ground.