

Plastic Impact Sprinkler S-20

IS:12232-Part-1:1996



CM/L-3709364



Application:

- General field use with solid set or fixed irrigation system.

Specification:

- Higher resistance to wind.
- Stainless steel pivot pin.
- Plastic colour coded bayonet nozzle for easy field service & replacement of parts.
- Sand & dust protection cap.
- Recommended operating pressure : 2.0 - 5.0 kg/cm².
- Trajectory angle : 25°

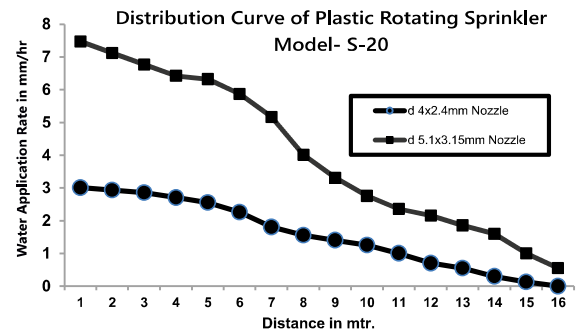
Features:

- Made of heavy duty engineering plastic material provide resistance to corrosion, chemicals and U.V radiation.
- High distribution uniformity level due to unique balancer design.





Available in 3/4" BSPT male thread.

Test Condition

Test Pressure	3 kg/cm ²	3 kg/cm ²
Flow	1320 L/h	2340 L/h
Nozzles	4x2.4 mm	5.1x3.15 mm
Height	750 cm	750 cm
Duration	60 min	60 min
Wind Velocity	0 m/sec	0 m/sec



S-20 Dual Nozzle Performance Data:

Color Coded Nozzles	Nozzle Colour (mm)	P (kg/cm ²)	Q (lph)	D (m)	Precipitation rate (mm/hr) and uniformity (CU) at various spacing (m)					
					12x15	12x18	15x15	15x18	18x18	20x20
Main Nozzle:  Sub Nozzle:  4 x 2.4 Black x Green Product Code S204024H	2	2	1140	26	6.33	5.27	5.1	4.22	3.5	2.85
	3	3	1320	30	7.33	6.1	5.85	4.10	4.1	3.3
	4	4	1560	32	8.66	7.22	6.95	5.75	4.8	3.9
	5	5	1740	32	9.66	8	7.75	6.45	5.35	4.35
Main Nozzle:  Sub Nozzle:  5.1 x 3.15 Yellow x Black Product Code S20510315H	2	2	1860	28	10.33	8.6	8.25	6.9	5.75	4.65
	3	3	2340	30	13	10.85	10.4	8.65	7.22	5.85
	4	4	2700	32	15	12.5	12	10	8.35	6.75
	5	5	2960	34	16.45	13.7	13.15	10.95	9.15	7.4

P=Pressure | Q=Discharge | D=Diameter

Performance table prepared under standard test condition.

CU < 85%	CU 85-88%	CU 88-92%	CU > 92%
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Note: Kimplas operates a policy of continual product improvement and range extension, hence reserves the right to modify product specifications, without prior information, in line with market requirements.

