

Mini Sprinkler S-10

Material of Construction:

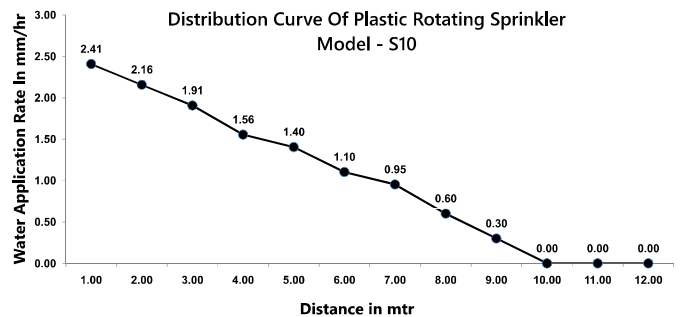
Part	Material
Body, Arm, Pipe Nut, Hex Nut, Nozzles etc.	Engineering Plastics
Pivot Pin & Springs	Stainless Steel

Technical Specification

Thread connection to riser	1/2" BSPT
Flow range 1-3.5kg/cm ²	390 - 760 Lph
Trajectory angle	25°
Minimum effective pressure	0.9 kg/cm ²
Maximum effective pressure	3.5 kg/cm ²
Effective pressure range	1.00-3 kg/cm ²

Test Condition

Test Pressure	2 kg/cm ²
Flow	470 L/h
Nozzles	2.5X1.5 mm
Height	100 cm
Duration	60 min
Wind Velocity	0 m/sec



S-10 Dual Nozzle Performance Data:

Nozzle Colour (mm)	P (kg/cm ²)	Q (lph)	D (m)	Precipitation rate (mm/hr) and uniformity (CU) at various spacing (m)					
				9x9	9x10	10x10	9x12	10x12	12x12
2.5x1.5 Yellow x Green Product Code S102515H	1	390	17.65	4.8	4.3	3.9	3.6	3.3	2.7
	1.5	430	18	5.3	4.8	4.3	4	3.6	3
	2	470	19.1	5.8	5.2	4.7	4.4	3.9	3.3
	2.5	530	19.1	6.5	5.9	5.3	4.9	4.4	3.7
	3	585	19.3	7.2	6.5	5.9	5.4	4.9	4.1
	3.5	640	20	7.9	7.1	6.4	5.9	5.3	4.4
2.5x1.8 Yellow x Green Product Code S102515HN	1	410	18	5.68	4.56	4.1	3.8	3.42	2.85
	1.5	460	18.2	5.7	5.1	4.6	4.3	3.8	3.2
	2	590	19	7.3	6.6	5.9	5.5	4.9	4.1
	2.5	650	20	8	7.2	6.5	6	5.4	4.5
	3	685	20	8.5	7.6	6.9	6.3	5.7	4.8
	3.5	760	20.5	9.4	8.4	7.6	7	6.3	5.3

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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