



## Oasis Irrigation Equipment Company Limited The "Rain Maker"

Oasis Irrigation Equipment Co Ltd, P-6, Scheme-VI, M(S), C.I.T, Kolkata-700054  
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### **Rain Gun Model OS-31 (Double Nozzle)**

OS 31: (1.25" BSP Female Connection) Rain Gun of medium or low capacity for part circle and full circle rotation. It is supplied with different sizes interchangeable nozzles and adjustable jet breaker pins for uniform application of water all over the covered area. Particularly suitable for irrigation of tea coffee sugarcane and any type of soil crop. Also for dust suppression purpose at haulage road.

### **FEATURES**

- Available in 1½" BSP Female Thread Connection
- Adjustments available for Part Circle & Full Circle
- Adjustable Jet breaker to provide uniform rainfall
- Equipped with nozzles of different sizes for various applications
- Trajectory angle 30°

### **APPLICATION:**

- Field Crop - Sugarcane, Ground Nut, Maize, Wheat, Grams & Pulses

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- Tea estates & Coffee plantation
- Dust Suppression, Green Pastures

Below Data is under no wind condition									
Nozzle Diameter	Pressure (kg/cm <sup>2</sup> )	Radius of Spray (Mtrs.)	Flow per Minute (Ltrs.)	Rainfall per Hour (mm <sup>3</sup> /hr)	Single Sprinkler		Diamter (Mtrs.)	Square Pattern	
					Irrigated Area (m <sup>2</sup> )	Rainfall per Hour (mm <sup>3</sup> /hr)		Irrigated Area (m <sup>2</sup> )	Rainfall per Hour (mm <sup>3</sup> /hr)
8 X 4	1.5	16.5	62	3.7	855	4.3	23	529	7
8 X 4	2	17.5	71	4.2	962	4.4	24	576	7.3
8 X 4	3	19.5	87	5.2	1194	4.3	27	729	7.1
8 X 4	4	21	100	6	1384	4.3	29	841	7.1
9 X 4	1.5	17	76	4.5	908	4.9	24	576	7.8
9 X 4	2	18	88	5.3	1017	5.2	25	625	8.5
9 X 4	3	20	107	6.4	1256	5	28	784	8.2
9 X 4	4	21.5	124	7.4	1451	5	30	900	8.2
10 X 4	2	19	106	6.4	1134	5.6	26	676	9.5
10 X 4	3	21	130	7.8	1384	5.6	29	841	9.3
10 X 4	4	22.5	151	9	1590	5.7	32	1024	8.8
10 X 4	5	23.5	170	10.2	1734	5.9	33	1089	9.3
12 X 4	2	21	149	8.9	1384	6.4	29	841	10.6
12 X 4	3	23.5	182	10.9	1734	6.3	33	1089	10
12 X 4	4	26	211	12.6	2123	5.9	36	1296	9.7
12 X 4	5	28	236	14.2	2461	5.8	39	1521	9.3
14 X 4	2	22.5	197	11.8	1590	7.4	32	1024	11.5
14 X 4	3	24	241	14.4	1809	7.9	33	1089	13.2
14 X 4	4	27	278	16.7	2289	7.2	38	1444	11.6
14 X 4	5	29	311	18.6	2640	7	40	1600	11.6