



OS-32 Full Circle Metallic Sprinkler

- Swing Arm and Body made of Die Cast Aluminium
- Twin Nozzle (Brass)
- 1 1/4" BSP Male Connection (Brass)
- Trajectory Angle 23°
- Works on low operating pressure also
- Available in 1 1/2" Male Connection with Industrial Plastic
- Nozzle Size 10/8mm X 5mm
- Stainless Steel Springs & Pivot Pin
- Preferred by Tea and Coffee Plantation

PERFORMANCE CHART

NOZZLE (mm)	PRESSURE (kg/cm²)	RADIUS (mtrs.)	DISCHARGE (ltrs./min)
10.35x5.55	2.5	21.5	155
	3.5	23	165
	4.5	25.2	183
	5.5	27.5	201

*Performance is based on ideal conditions of Temperature, Wind Velocity and Humidity



RAIN GUN MODEL - OS38 PART/FULL CIRCLE

- Body and Swing Arm made of Die Cast Aluminium Alloy
- Twin Nozzle
- Nozzle Sizes 14/16/18 X 4mm
- Female 1 1/2" BSP connection Brass
- Female 2" BSP connection Brass

FEATURES

- Available in 1 1/2" & 2" 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
- Tea estates & Coffee plantation
- Dust Suppression, Green Pastures
- Landscapping

(Under no wind condition)									
Nozzle	Pressure	Radius of	Flow per	Rainfall	Single Sprinkler		Square Pattern		
Diameter	(Kg/Cm²)	Spray	minute	per hour	Irrigated	Rainfall	Distance	Irrigated	Rainfall
(MM)		(Mtrs)	(Litres)	(mm³/hr)	(Sq Mtrs)	(mm/h)	(Mtrs)	(Sq Mtrs)	(mm/h)
14x5	2	21.0	195	11.7	1384	8.4	29.0	841	13.9
14x5	3	25.0	239	14.3	1962	7.3	35.0	1225	11.7
14x5	4	29.0	277	16.6	3640	6.3	41.0	1681	10.0
14x5	5	31.0	309	18.5	3017	6.1	43.0	1849	10.0
16x5	2	22.0	247	14.8	1519	9.7	31.0	961	15.4
16x5	3	26.0	303	18.2	2123	8.6	36.0	1296	14.0
16x5	4	30.0	351	21.0	2826	7.5	42.0	1764	11.9
16x5	5	33.0	391	23.4	3419	6.9	46.0	2116	11.0
18x4	2	28.0	378	22.7	2461	9.2	39.0	1521	14.9
18x4	3	31.0	436	26.2	3017	8.7	43.0	1849	14.1
18x4	4	34.0	487	29.2	3629	8.1	48.0	2304	12.7
18x4	5	36.0	533	31.9	4069	7.9	51.0	2601	12.3



Rain Gun Model OS-50 (Double Nozzle)

OS 50: (2" BSP Female Connection) Rain Gun of High or medium 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 dust suppression purpose at coal & ore yard, ash pond and haulage road.

(Under no wind condition)

Nozzle Diameter (MM)	Pressure (Kg/Cm ²)	Radius of Spray (Mtrs)	Flow per minute (Litres)	Rainfall per hour (mm ³ /hr)	Single Sprinkler		Square Pattern		
					Irrigated Area (Sq Mtrs)	Rainfall per hour (mm/h)	Distance (Mtrs)	Irrigated Area (Sq Mtrs)	Rainfall per hour (mm/h)
16x8	2	27	282	16.9	2289	7.3	38	1444	11.7
16x8	3	31	344	20.6	3017	6.8	43	1849	11.1
16x8	4	34	399	23.9	3629	6.5	48	2304	10.4
16x8	5	37	446	26.7	4298	6.2	52	2704	9.9
18x8	2	28	343	20.6	2461	8.3	39	1521	13.5
18x8	3	33	434	26	3419	7.6	46	2116	12.3
18x8	4	36	506	30.3	4069	7.4	51	2601	11.6
18x8	5	40	561	33.6	5024	6.7	56	3136	10.7
20x8	2	29	411	24.6	2640	9.3	41	1681	14.6
20x8	3	34	520	31.2	3629	8.5	48	2304	13.5
20x8	4	38	606	36.3	4534	8	53	2809	12.9
20x8	5	43	657	39.41	5805	6.7	60	3600	10.9



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 1¼" 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
- Tea estates & Coffee plantation
- Dust Suppression, Green Pastures



Rain Gun Model OS-25 (Double Nozzle)

OS 25: (1" BSP Female Connection) Rain Gun of 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 any type of soil crop, as well as for industrial uses.

(Under no wind condition)

Nozzle Diameter (MM)	Pressure (Kg/Cm ²)	Radius of Spray (Mtrs)	Flow per minute (Litres)	Rainfall per hour (mm ³ /hr)	Single Sprinkler		Square Pattern		
					Irrigated Area (Sq Mtrs)	Rainfall per hour (mm/h)	Distance (Mtrs)	Irrigated Area (Sq Mtrs)	Rainfall per hour (mm/h)
6x5	1.5	13.0	46	2.7	530	5.0	18.0	324	8.3
6x5	2	15.0	54	3.2	706	4.5	21.0	441	7.3
6x5	3	17.0	66	3.9	907	4.2	24.0	576	6.7
6x5	4	18.0	77	4.6	1017	4.5	25.0	625	7.3
7x5	1.5	14.5	57	3.4	660	5.1	20.0	400	8.5
7x5	2	15.5	64	3.8	754	5	22.0	484	7.8
7x5	3	17.5	79	4.7	961	4.9	24.0	576	8.1
7x5	4	18.5	92	5.5	1074	5.1	26.0	676	8.1
8x5	1.5	14.5	69	4.1	660	6.2	20.0	400	10.2
8x5	2	16.5	79	4.37	854	5.5	23.0	529	8.9
8x5	3	18.0	96	5.37	1017	5.6	25.0	625	9.2
8x5	4	19.0	112	6.7	1134	5.9	25.0	676	9.9



Impact Sprinkler HT 46

- 3/4" BSP Male Threads
- **Operating Pressure:** 1kg/cm² to 3kg/cm²
- **Discharge:** 22 LPM to 39 LPM
- **Diameter of Coverage:** 22mtr to 30mtr
- **Application:** Agriculture.



Impact Sprinkler HT 25

- 3/4" BSP Male Threads, high pressure sprinkler
- **Operating Pressure:** 2.1kg/cm² to 4.2kg/cm²
- **Discharge:** 37 LPM to 74 LPM
- **Diameter of Coverage:** 29mtr to 39mtr
- **Application:** Agriculture.



Part Circle Sprinkler HT 20 PC

- 3/4" BSP Male Threads
- **Operating Pressure:** 1.5kg/cm² to 3.5kg/cm²
- **Discharge:** 23 LPM to 40 LPM
- **Diameter of Coverage:** 21mtr to 27mtr
- **Application:** Agriculture.