AQ - 30G (Seagull)

1” BSP/NPT -Rain Gun

The AQ-30G (Seagull) is a highly energy-efficient 1" Rain Gun Sprinkler designed for optimal performance even at low water pressures as low as 1 kg/cm^2. It is ideal for overhead irrigation, making it suitable for larger crops such as sugarcane, oats, maize, fodder, and horticultural applications. With both full-circle and part-circle designs available, it provides excellent coverage and uniform water distribution, ensuring efficient irrigation even in challenging conditions.



HIGHLIGHTS

- **Threaded Connection:** 1” BSP/NPT Female Threaded
- **Energy-Efficient Design:** Operates effectively at low water pressure (1 kg/cm^2)
- **Durable Construction:** Made with Aluminum pressure die-cast body and arm, brass components, and engineering-grade plastic parts for long-lasting performance.
- **Adjustable Spray:** Jet breaker screw allows users to modify the spray from heavy droplets to a fine mist.
- **Versatile Operation:** Available in both full-circle and part-circle designs to cater to different irrigation needs.
- **Wide Coverage:** Covers a radius of up to 20 meter

TECHNICAL DATA

- Connection Size: 1” BSP/NPT Female Threaded.
- Operating Pressure Range 1.0 - 4.0 kg/cm^2 or 15 - 60Psi
- Recommended Pressure 3 kg/cm^2 or 43 PSI
- Recommended spacing 18m or 60ft for higher distribution uniformity.
- Trajectory Angle: 28^0



Performance Table (AQ - 30G)

Nozzle Size	Pressure		Coverage Diameter		Flow Rate	
mm	kg/cm²	PSI	mtr	ft	m³/hr	GPM
6 x 3.5	1.0	14	24	79	1.7	7.3
	2.0	28	30	98	2.5	10.8
	3.0	43	34	112	3.1	13.4
	4.0	57	36	118	3.6	15.7
8 x 3.5	1.0	14	26	85	2.6	11.3
	2.0	28	33	108	3.8	16.6
	3.0	43	36	118	4.7	20.5
	4.0	57	38	125	5.4	24.0
10 x 3.5	1.0	14	28	92	3.6	16.0
	2.0	28	34	112	5.4	23.8
	3.0	43	39	128	6.7	29.5
	4.0	57	42	138	7.8	34.3

*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

- Tested at 100cm (3ft.) height above the ground.

Nozzle Size: 8.0x3.5mm | Pressure: 3 kg/cm²

Spacing (m)	CU (%)	DU (%)	SC	PR (mm/hr)
15.0 x 15.0	95%	93%	1.1	20.7
16.0 x 16.0	96%	94%	1.1	18.2
17.0 x 17.0	92%	87%	1.2	16.1
18.0 x 18.0	90%	84%	1.3	14.4
19.0 x 19.0	89%	82%	1.3	12.9
20.0 x 20.0	89%	84%	1.2	11.7

Distribution Curve



