

HT - 30G

Seagull-Rain Gun

The HT-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/cm². 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

- **Energy-Efficient Design:** Operates effectively at low water pressure (1 kg/cm²)
- **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

- Operating Pressure Range 1.0 - 4.0 kg/cm² or 15 - 60Psi
- Recommended Pressure 3 kg/cm² or 43 PSI
- Recommended spacing 18m or 60ft for higher distribution uniformity.
- Trajectory Angle: 28°



Performance Table (HT - 30G)

| Nozzle Size | Pressure | | Coverage Diameter | | Flow Rate | |
|-------------|----------|--------------------|-------------------|-----|-----------|--------------------|
| | mm | kg/cm ² | PSI | mtr | ft | m ³ /hr |
| 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.

| 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 |

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

