Aquator

AQ-215

The Aquator is a high-volume, low-pressure plastic micro sprinkler designed for overhead irrigation of vegetable crops like ginger, onions, and potatoes, as well as flowers. It is ideal for crops requiring higher water volumes. Featuring a bridge-less design, the AQ-215 prevents dry patches, ensuring comprehensive coverage. Rotor with two water distribution tunnels, delivers excellent uniformity, optimizing irrigation efficiency.



HIGHLIGHTS

- **Excellent Durability:** Robust design and manufactured with high grade polymer for good longevity.
- **Bridge Less Design**: 4 part sprinkler with bridge less design eliminate dry patches and is easy to maintain.
- **Excellent Uniformity:** Rotor designed with 2 water distribution tunnels for good distribution uniformity.
- 1/2" male threaded connection

TECHNICAL DATA

- Range of operating Pressure: 1.0 - 2.5 kg/cm^2 (14-36 psi)
- Flow Rate Range: 320 - 780 LPH (1.41-3.43 GPM).
- Wetted diameter range: 11.5 - 12m (38 - 40 ft.)
- Recommended Spacing 6x6m (20x20 ft.)
- Recommended filtration: 120mesh



Performance Table

Nozzle Size & Colour	Pressure		Flow Rate		Wetted Diameter		Precipitation Rate (mm/hr)/ Spacings (m)		
mm / inch	kg/cm^2	psi	LPH	GPM	mtr.	ft.	4x4	5x5	6x6
2.9mm / 0.11" Brown	1.0	14	320	1.41	11.5	37.7	19.9	12.8	8.9
	1.5	21	400	1.76	12.0	39.4	24.9	15.9	11.1
	2.0	28	450	1.98	12.0	39.4	28.2	18.0	12.5
	2.5	36	500	2.20	11.5	37.7	31.2	20.0	13.9
3.2mm / 0.13" Green	1.0	14	400	1.76	11.5	37.7	25.0	16.0	11.1
	1.5	21	500	2.20	12.0	39.4	31.3	20.0	13.9
	2.0	28	565	2.48	12.0	39.4	35.3	22.6	15.7
	2.5	36	630	2.77	12.0	39.4	39.4	25.2	17.5
3.5mm / 0.14" Blue	1.0	14	495	2.18	11.5	37.7	30.9	19.8	13.8
	1.5	21	605	2.66	12.0	39.4	37.8	24.2	16.8
	2.0	28	700	3.08	12.0	39.4	43.8	28.0	19.4
	2.5	36	780	3.43	12.0	39.4	48.8	31.2	21.7

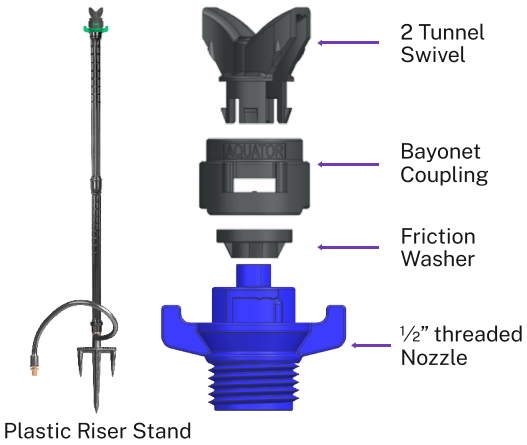
- Tested in Ideal laboratory conditon of temperature, wind and Humidity.
- Riser Height -50cm (1.6 ft.)

CDU < 75%	75% ≤ CDU < 80%	80% ≤ CDU < 85%	85% ≤CDU < 90%	CDU≥90%

Nozzle Sizes

2.9 mm	3.2 mm	3.5 mm
		
0.11"	0.13"	0.14"

Aquator Assembly





Creating a Green World®