

AQUAMIC

AQ-210 (Medium & Extra Range Rotor)

The AQUAMIC AQ-210 Micro Sprinkler is designed to create an ideal microclimate and maintain optimal humidity levels. Engineered to enhance irrigation accuracy while minimizing maintenance. It is perfect for irrigating plants, vegetables and fruits crops.



HIGHLIGHTS

- **Versatile Sprinkler:** Ensures excellent water distribution and coverage making it for orchards and other suitable crops.
- **Robust Design:** Sturdy structure with user-friendly bayonet connection.
- Made of high-quality materials for long-term field operations.
- **Color Coded Nozzles:** Color-coded nozzles for easy flow rate identification.
- **Ease of Use:** Can be mounted on a 6.0mm stake or metal rod.

TECHNICAL DATA

- Recommended working pressure: 1.5 -3.0 kg/cm² (21 - 43 psi).
- Flow Rate:
 - Medium Range 30 - 125 L/H (8 - 33 GPH)
 - Extra Range 88 - 320 L/H (23 - 85 GPH)
- Wetted diameter:
 - Medium Range 5.0 - 8.0 mtr. (16 - 26 ft)
 - Extra Range 9.0 - 12 mtr. (29 - 39 ft)
- Available tubes: 4/7 mm (0.157"x0.276") PE/PVC .
- Recommended filtration:
 - Nozzle size 0.8mm - 1.2mm : 200microns (80 mesh)
 - Nozzle size 1.4mm - 2.3mm: 500 microns (30 mesh)



Performance table AQ-210 Medium Range Rotor at 2.0 kg/cm² (28 PSI)

Color Code	Nozzle Size		Flow Rate		Wetted Diameter		Precipitation (mm/hr) Spacing (m)		
	mm	inch	LPH	GPH	mtr.	ft.	3x3	3x4	4x4
Black	0.8	0.031"	34	9.0	5.5	18.0	3.8	2.8	
Purple	1.0	0.039"	52	13.7	6.0	19.7	5.8	4.3	3.3
Orange	1.2	0.047"	76	20.1	7.0	23.0	8.4	6.3	4.8
Blue	1.4	0.055"	102	26.9	7.6	24.9	11.3	8.5	6.4

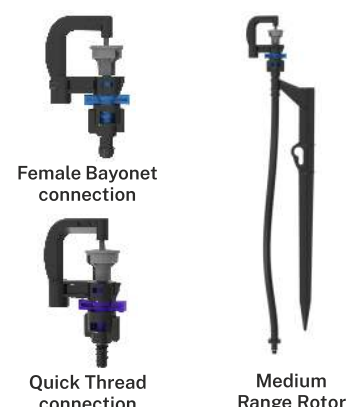
* Tested under laboratory condition at 25cm (10 inch) height above ground.

Color Code Distribution Uniformity:

CDU < 75%	75% ≤ CDU < 80%	80% ≤ CDU < 85%	85% ≤ CDU < 90%	CDU ≥ 90%
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Nozzle Sizes			
0.8 mm	1.0 mm	1.2 mm	1.4 mm
			
0.031"	0.039"	0.047"	0.055"

Aquamic Assembly



Performance table AQ-210 Extra Range Rotor at 2.0 kg/cm² (28 PSI)

Color Code	Nozzle Size		Flow Rate		Wetted Diameter		Precipitation (mm/hr) Spacing (m)								
	mm	inch	LPH	GPH	mtr.	ft.	3x3	3x4	4x4	3x5	4x5	5x5	4x6	5x6	6x6
Blue	1.4	0.055"	102	26.9	9.5	31.2	11.2	8.4	6.3	6.7	5.1	4.0	4.2	3.4	
Yellow	1.6	0.063"	130	34.3	9.8	32.2	14.4	10.8	8.1	8.7	6.5	5.2	5.4	4.3	3.6
Green	1.8	0.071"	162	42.7	10.4	34.1	18.0	13.5	10.1	10.8	8.1	6.5	6.8	5.4	4.5
White	2.0	0.079"	198	52.2	10.8	35.4	22.0	16.5	12.4	13.2	9.9	7.9	8.3	6.6	5.5
Brown	2.3	0.091"	260	68.6	11.4	37.4	28.9	21.7	16.3	17.4	13.0	10.4	10.8	8.7	7.2

* Tested under laboratory condition at 25cm (10 inch) height above ground.

Color Code Distribution Uniformity:

CDU < 75%	75% ≤ CDU < 80%	80% ≤ CDU < 85%	85% ≤ CDU < 90%	CDU ≥ 90%
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Nozzle Sizes (AQ-210 Extra Range Rotor)				
1.4 mm	1.6 mm	1.8 mm	2.0 mm	2.3 mm
				
0.055"	0.063"	0.071"	0.079"	0.091"

Aquamic Assembly

