

# Aquamatic Excel

AQ - 211



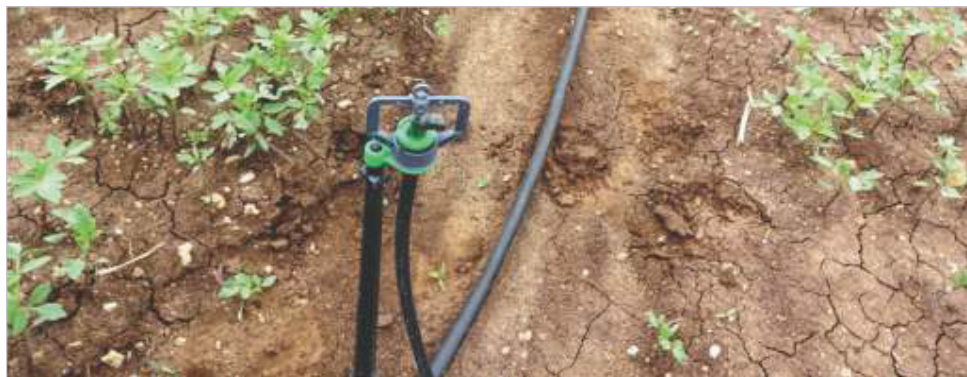
## Features & Specifications

- Installed in the ground on stake or hang it by wire.
- Available Connection: Both Barbed & 3/8" male thread type connections.
- Excellent distribution uniformity.
- Range of operating Pressure: 1.0 - 3.0 kg/cm<sup>2</sup>
- Flow Rate Range: 82 - 246 LPH
- Recommended Spacing 3x3, 3.5x3.5, 4x4 & 5X 5m
- Excellent material achieves high wear resistant and trouble free swivel rotation.
- **Specially designed Circlip to easily open micro sprinkler for cleaning by the end user.**
- 6x8mm PE tube for more water carrying capacity to run sprinkler at low pressure (0.5 kg/cm<sup>2</sup>)
- UV & Chemical Resistant material.

Nozzle Size	Nozzle Color	Pressure kg/cm <sup>2</sup>	Flow Rate LPH	Wetted Dia. (m)	Precipitation Rate (mm/hr)/ Spacings (m)				
					3.0x3.0	3.5x3.5	4.0x4.0	4.5x4.5	5.0x5.0
1.5mm	Yellow	1.0	82	7.2	9.1	6.7	5.1	4.0	3.3
		1.5	100	7.8	11.1	8.2	6.3	4.9	4.0
		2.0	116	8.2	12.9	9.5	7.3	5.7	4.6
		2.5	130	8.6	14.4	10.6	8.1	6.4	5.2
		3.0	142	8.8	15.8	11.6	8.9	7.0	5.7
1.85mm	Green	1.0	105	7.5	11.7	8.6	6.6	5.2	4.2
		1.5	129	8.0	14.3	10.5	8.1	6.4	5.2
		2.0	148	8.5	16.4	12.1	9.3	7.3	5.9
		2.5	166	9.0	18.4	13.6	10.4	8.2	6.6
		3.0	182	9.0	20.2	14.9	11.4	9.0	7.3
2.1mm	White	1.0	142	7.5	15.8	11.6	8.9	7.0	5.7
		1.5	174	8.5	19.3	14.2	10.9	8.6	7.0
		2.0	201	9.0	22.3	16.4	12.6	9.9	8.0
		2.5	225	9.5	25.0	18.4	14.1	11.1	9.0
		3.0	246	9.5	27.3	20.1	15.4	12.1	9.8

\* Tested at 50cm height above ground

CDU < 85%	85% ≤ CDU ≤ 88%	89% ≤ CDU ≤ 92%	CDU > 92%
-----------	-----------------	-----------------	-----------



# Aquamic Excel

AQ - 211



## Applications

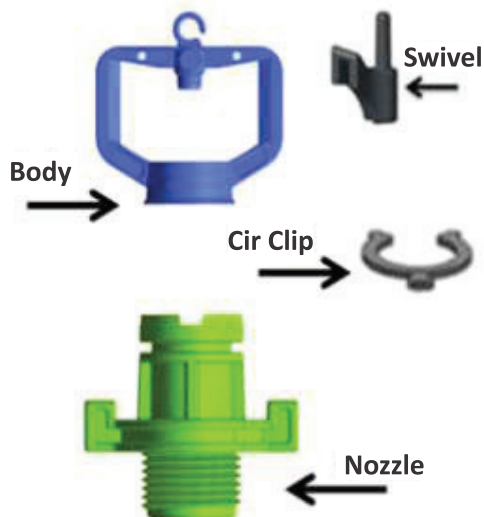
- For overhead irrigation of vegetables, nurseries, flower beds, shrubs & landscape.
- For irrigation of widely spaced plants upto 5x5m spacing with different mounting options including irrirstand .

### Flow Constant & Exponent

Nozzle Size	$Q(l/h) = K * P (meters)^x$	
	K	X
1.5mm	25.9	0.5
1.85mm	33.2	0.5
2.1mm	44.9	0.5

### Assembly/Exploded View

Parts	Parts Description	Material
1	Body	POM
2	Swivel Gray	Filled Nylon
3	Circlip	POM
4	Nozzle	POM



E-mail: [contactus@automatworld.com](mailto:contactus@automatworld.com)  
 Website: [www.automatworld.com](http://www.automatworld.com)

*Creating a Green World*