

Aquatuff Excel

AQ - 206



Features & Specifications

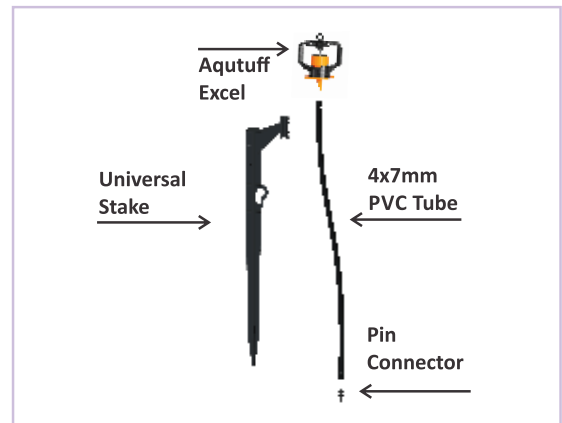
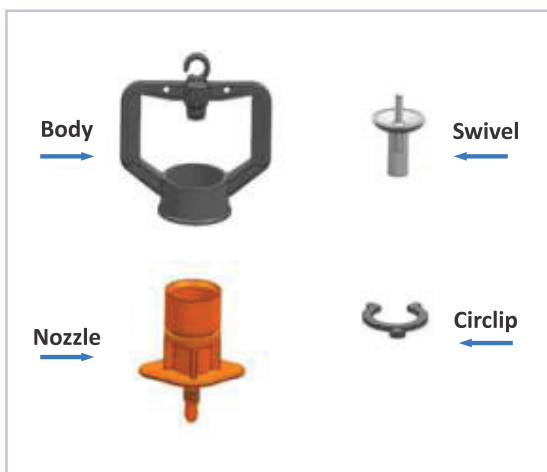
- Self tapping connection
- Excellent distribution uniformity.
- Range of operating Pressure: 1.0 - 2.5kg/cm²
- Flow Rate Range: 37 - 177 LPH
- **Installed in the ground on stake or hang it by wire.**
- Recommended Spacing 3x3, 3.5x3.5 ,4x4 & 4.5 x 4.5 m.
- Excellent material achieves high wear resistant and trouble free swivel rotation.
- Insect proof design
- **Optional trunk protector to protect the plant trunk from wetting, restricting fungus, algae growth.**
- Specially designed Circlip to easily open micro sprinkler for cleaning by the end user.
- Excellent gripping of self tapping connection with 4x7mm PVC tube
- UV & Chemical Resistant material.

Flow Constant & Exponent

Nozzle Size /Color	Q(l/h) = K*P (meters) ^x	
	K	X
1.0mm	11.7	0.5
1.2mm	16.4	0.5
1.4mm	22.8	0.5
1.5mm	25.9	0.5
1.8mm	35.4	0.5

Assembly/Exploded View

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



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Applications

- For irrigation of tree plantation of large root volumes, fruit trees, orchards etc.
- For irrigation of widely spaced plants upto 4x4m spacing.

Nozzle Size	Color Code	Pressure (bar)	Flow Rate	Wetted Dia. (m)	Precipitation Rate (mm/hr)/Spacings (m)			
					3.0x3.0	3.5x3.5	4.0x4.0	4.5x4.5
1.0mm	Brown	1.0	37	5.5	4.1	3.0	2.3	1.8
		1.5	45	6.0	5.0	3.7	2.8	2.2
		2.0	52	7.0	5.8	4.2	3.3	2.6
		2.5	59	7.0	6.6	4.8	3.7	2.9
1.2mm	Grey	1.0	52	6.5	5.8	4.2	3.3	2.6
		1.5	64	7.2	7.1	5.2	4.0	3.2
		2.0	74	7.7	8.2	6.0	4.6	3.7
		2.5	82	8.4	9.1	6.7	5.1	4.0
1.4mm	Green	1.0	72	6.5	8.0	5.9	4.5	3.6
		1.5	88	7.5	9.8	7.2	5.5	4.3
		2.0	102	8.0	11.3	8.3	6.4	5.0
		2.5	114	8.8	12.7	9.3	7.1	5.6
1.5mm	Orange	1.0	82	7.0	9.1	6.7	5.1	4.0
		1.5	100	8.0	11.1	8.2	6.3	4.9
		2.0	116	8.7	12.9	9.5	7.3	5.7
		2.5	130	9.3	14.4	10.6	8.1	6.4
1.8mm	Black	1.0	112	7.0	12.4	9.1	7.0	5.5
		1.5	137	8.0	15.2	11.2	8.6	6.8
		2.0	158	9.0	17.6	12.9	9.9	7.8
		2.5	177	9.7	19.0	16.7	11.1	8.7

* Tested at 25cm riser height above ground

CDU < 85%	85% ≤ CDU < 88%	89% ≤ CDU < 92%	CDU > 92%
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Creating a Green World