



## Features & Specifications

- Pushfit / Quickfit connector
- Sturdy Structure and User Friendly
- Insect proof Pop-up Swivel
- Range of operating Pressure: 1.5 - 2.5kg/cm<sup>2</sup>
- Flow Rate Range: 30 - 324 LPH
- Recommended Spacing: 4x4m & 5x5m

Swivel Color	Nozzle Size/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
Black	0.8mm	1.5	31	5.5	3.1	2.3			
		2.0	36	6.0	4.0	2.9	2.3		
		2.5	40	6.5	4.6	3.3	2.6		
	0.94mm	1.5	45	6.0	4.7	3.4	2.6		
		2.0	52	6.5	5.8	4.2	3.3	2.6	
		2.5	58	7.0	6.3	4.7	3.6	2.8	
Blue	1.14mm	1.5	61	7.5	6.9	5.1	3.9	3.1	2.5
		2.0	71	8.0	7.9	5.8	4.4	3.5	2.8
		2.5	79	8.5	8.9	6.5	5.0	4.0	3.2
	1.4mm	1.5	88	8.2	10.0	7.3	5.6	4.4	3.6
		2.0	102	8.5	11.3	8.3	6.4	5.0	4.1
		2.5	114	9.0	13.1	9.6	7.4	5.8	4.7
Green	1.5mm	1.5	106	9.2	11.7	8.6	6.6	5.2	4.2
		2.0	122	9.8	13.6	10.0	7.6	6.0	4.9
		2.5	136	10.3	15.1	11.1	8.5	6.7	5.4
	1.74mm	1.5	149	9.5	15.6	11.4	8.8	6.9	5.6
		2.0	162	10.5	18.0	13.2	10.1	8.0	6.5
		2.5	181	10.7	20.0	14.7	11.3	8.9	7.2
	1.98mm	1.5	175	10.0	19.3	14.2	10.9	8.6	7.0
		2.0	202	10.8	22.4	16.5	12.6	10.0	8.1
		2.5	226	11.0	25.0	18.4	14.1	11.1	9.0
	2.2mm	1.5	212	10.2	23.3	17.1	13.1	10.4	8.4
		2.0	245	11.0	27.2	20.0	15.3	12.1	9.8
		2.5	274	11.2	32.8	24.1	18.4	14.6	11.8
2.4mm	1.5	251	10.4	27.2	20.0	15.3	12.1	9.8	
	2.0	290	11.5	32.2	23.7	18.1	14.3	11.6	
	2.5	324	12.0	38.9	28.6	21.9	17.3	14.0	

\* Tested at 25cm height above ground Color Code Distribution Uniformity

CDU < 85%	85% ≤ CDU ≤ 88%	89% ≤ CDU ≤ 92%	CDU > 92%
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insect proof Pop-up Swivel  
with diameter limiter



## Applications

- For overhead irrigation of Orchard, Nurseries, Green houses and vegetable crops.
- For irrigation of widely spaced plants up to 5x5m spacing at stake.
- Ideal for frost protection and overhead cooling.

## Flow Rates & Wetted Diameter at 2.0 kg/cm<sup>2</sup> Pressure

Nozzle Color	Flow Rate (LPH)	Nozzle Size (mm)	Purple Swivel		Grey Swivel	
			Short Diameter		Large Diameter	
			Diameter (M)		Diameter (M)	
			1 <sup>st</sup> Stage	2 <sup>nd</sup> Stage	1 <sup>st</sup> Stage	2 <sup>nd</sup> Stage
Grey	71	1.14	1.3	3.2	1.9	5.4
Green	102	1.4	1.4	3.2	1.9	5.8
Orange	122	1.5	1.5	3.4	2.0	6.2
Black	162	1.78	1.6	3.5	2.0	6.6
Blue	202	1.98	1.6	4.0	2.2	7.0
Yellow	245	2.2	1.7	4.2	2.2	7.4
Red	290	2.4	1.8	4.5	2.5	7.6

\* Tested at 25cm height above ground

## Flow Constant & Exponent

Nozzle Size /Color	Q(l/h) = K*P (meters) <sup>x</sup>	
	K	X
0.8mm	8.0	0.5
0.94mm	11.6	0.5
1.14mm	15.9	0.5
1.4mm	22.8	0.5
1.5mm	27.3	0.5
1.74mm	36.2	0.5
1.98mm	45.2	0.5
2.2mm	54.8	0.5
2.4mm	64.8	0.5
2.8mm	90.3	0.5



Stage 1 : For Young Plants



Stage 2 : For Mature Plants