

Bridgeless Inverted Micro Sprinkler

HT-245

Aquaspin Micro Sprinkler

(1.14mm, 1.4mm, 1.5mm & 1.8mm)



Benefits & Features

- Excellent water distribution uniformity for high and uniform yield.
- Bridge-free design ensures dripping free operation and protects plants.
- Made of high quality materials for superior lifespan.
- Reliable Leakage Prevention Device (LPD) to prevent water dripping and avoid plant damage.
- Interchangeable components can be easily manually disassembled, ideal for quick and simple maintenance.
- Bayonet connection for easy installation.
- Colour coded nozzles for identification of different flow rates.
- Available for both tubes: PE / PVC.

Applications

- Overhead Irrigation in Greenhouses, Net-houses and tunnels.

Technical Specifications

- Recommended working pressure range : 2.0 - 3.0 bar
- Flow rates : 60 - 200 l/h.
- Wetted diameter : 7.5 - 10.0 mtr.
- Filtration requirements : Gray nozzles - 130 microns
Green & Black nozzles - 200 microns

Performance Table at 2 bar Pressure

Nozzle Size/Color	Flow Rate l/h	Wetted DOC Meter	Precipitation rate(mm/hr.) Rectangular Spacing (m)								
			1.5 x 3	2 x 3	3 x 3	2 x 4	3 x 4	4 x 4	3 x 5	5 x 5	3 x 6
1.14mm Gray	70	8.0	15.6	11.7	7.8	8.8	5.8	4.4			
1.4mm Green	102	9.0	22.7	17.0	11.3	12.8	8.5	6.4	6.8		
1.5mm Orange	122	9.0	27.1	20.3	13.6	15.3	10.2	7.6	8.1	4.9	
1.8mm Black	162	10.0	36.0	27.0	18.0	20.3	13.5	10.1	10.8	6.5	9.0

-Tested under laboratory conditions at 2.0 m above ground

-Distribution Colour Codes

CDU < 80%	80% ≤ CDU < 85%	85% ≤ CDU < 90%	CDU ≥ 90%
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Sprinkler Components



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