New

Aquaspin

AQ-245

Aquaspin is a specially designed bridgeless inverted micro-sprinkler, ideal for plants, nurseries, and greenhouses, offering high distribution uniformity over large areas. Its excellent wear resistance and outstanding uniformity make it perfect for overhead irrigation in greenhouses.



HIGHLIGHTS

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

TECHNICAL DATA

- Working Pressure range : 1.5 - 3.0 kg/cm^2 (21 - 43 psi).
- Flow rates : 61 - 199 l/h (16 - 53 GPH).
- Wetted diameter : 7.5 - 10.0 mtr (25 - 33 ft.)
- Filtration requirements :
  Gray Nozzle - 130 microns
  Green, Orange & Black nozzles - 200 microns



Performance Table AQ-245 Inverted Rotor

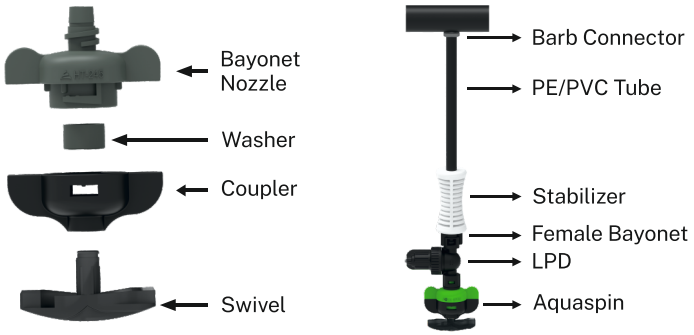
Rotor Colour	Nozzle Size & Colour	Pressure		Flow Rate		Wetted Diameter		Precipitation rate(mm/hr.) / Rectangular Spacing (m)								
	mm / inch	kg/cm²	psi	LPH	GPH	mtr.	ft.	1.5 x 3	2 x 3	3 x 3	2 x 4	3 x 4	4 x 4	3 x 5	5 x 5	3 x 6
Black	1.14 mm / 0.045" Grey	1.5	21	61	16.1	7.5	24.6	13.6	10.2	6.8	7.6	5.1	3.8			
		2.0	28	70	18.5	8.0	26.2	15.6	11.7	7.8	8.8	5.8	4.4			
		2.5	36	78	20.6	8.0	26.2	17.3	13.0	8.7	9.8	6.5	4.9			
		3.0	43	86	22.7	8.5	27.9	19.1	14.3	9.6	10.8	7.2	5.4			
	1.4 mm / 0.055" Green	1.5	21	88	23.2	8.5	27.9	19.6	14.7	9.8	11.0	7.3	5.5	5.9		
		2.0	28	102	26.9	9.0	29.5	22.7	17.0	11.3	12.8	8.5	6.4	6.8		
		2.5	36	114	30.1	9.0	29.5	25.3	19.0	12.7	14.3	9.5	7.1	7.6		
		3.0	43	125	33.0	9.0	29.5	27.8	20.8	13.9	15.6	10.4	7.8	8.3		
	1.5 mm / 0.059" Orange	1.5	21	106	28.0	8.5	27.9	23.6	17.7	11.8	13.3	8.8	6.6	7.1	4.2	
		2.0	28	122	32.2	9.0	29.5	27.1	20.3	13.6	15.3	10.2	7.6	8.1	4.9	
		2.5	36	136	35.9	9.0	29.5	30.2	22.7	15.1	17.0	11.3	8.5	9.1	5.4	
		3.0	43	150	39.6	9.5	31.2	33.3	25.0	16.7	18.8	12.5	9.4	10.0	6.0	
	1.8 mm / 0.071" Black	1.5	21	141	37.2	9.5	31.2	31.3	23.5	15.7	17.6	11.8	8.8	9.4	5.6	7.8
		2.0	28	162	42.7	10.0	32.8	36.0	27.0	18.0	20.3	13.5	10.1	10.8	6.5	9.0
		2.5	36	181	47.8	10.0	32.8	40.2	30.2	20.1	22.6	15.1	11.3	12.1	7.2	10.1
		3.0	43	199	52.5	10.0	32.8	44.2	33.2	22.1	24.9	16.6	12.4	13.3	8.0	11.1

Tested under laboratory conditions at 2.0 m (6.5 ft.) above ground
Distribution Colour Codes

CDU < 75%	75% ≤ CDU < 80%	80% ≤CDU < 85%	85% ≤CDU < 90%	CDU≥90%

Nozzle Sizes			
1.14 mm	1.4 mm	1.5 mm	1.8 mm
			
0.045"	0.055"	0.059"	0.071"

Aquaspin Assembly



Aquaspin with LPD



Creating a Green World®