

MZ 300 SERIES

# MZ306

## Upside down emitter

Greenhouses, Nurseries

High Performance Overhead Irrigation



Mz306 is a specially designed bridgeless inverted micro-sprinkler, ideal for 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:** Bridgeless 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 bar
- Flow rates : lph 61 - 199
- Wetted diameter : 7.5 - 10.0 m'
- Filtration requirements : Grey Nozzle - 130 microns  
Green, Orange & Black nozzles - 200 microns

### PERFORMANCE TABLE MZ306 - INVERTED ROTOR

rotor Color	Nozzle Size & Colour	Pressure	Flow Rate	Wetted Diameter	Precipitation Rate (mm/hr) / Spacing (m)								5 x 5	3 x 6		
					mm	bar	lph	m'	1.5 x 3	2 x 3	3 x 3	2 x 4	3 x 4	4 x 4		
Grey	1.14 mm Grey	1.5	61	7.5	13.6	10.2	6.8	7.6	5.1	3.8						
		2.0	70	8.0	15.6	11.7	7.8	8.8	5.8	4.4						
		2.5	78	8.0	17.3	13.0	8.7	9.8	6.5	4.9						
		3.0	86	8.5	19.1	14.3	9.6	10.8	7.2	5.4						
	1.4 mm Green	1.5	88	8.5	19.6	14.7	9.8	11.0	7.3	5.5	5.9					
		2.0	102	9.0	22.7	17.0	11.3	12.8	8.5	6.4	6.8					
		2.5	114	9.0	25.3	19.0	12.7	14.3	9.5	7.1	7.6					
		3.0	125	9.0	27.8	20.8	13.9	15.6	10.4	7.8	8.3					
	1.5 mm Orange	1.5	106	8.5	23.6	17.7	11.8	13.3	8.8	6.6	7.1	4.2				
		2.0	122	9.0	27.1	20.3	13.6	15.3	10.2	7.6	8.1	4.9				
		2.5	136	9.0	30.2	22.7	15.1	17.0	11.3	8.5	9.1	5.4				
		3.0	150	9.5	33.3	25.0	16.7	18.8	12.5	9.4	10.0	6.0				
	1.8 mm Black	1.5	141	9.5	31.3	23.5	15.7	17.6	11.8	8.8	9.4	5.6	7.8			
		2.0	162	10	36.0	27.0	18.0	20.3	13.5	10.1	10.8	6.5	9.0			
		2.5	181	10	40.2	30.2	20.1	22.6	15.1	11.3	12.1	7.2	10.1			
		3.0	199	10	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' above ground

Distribution Colour Codes

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