



Macro Sprinkler

**New Innovation,
New Design**

HT-230

Macro Sprinkler ($\frac{1}{2}$ " & $\frac{3}{4}$ ")



Features

- Unique cam design provides eccentric rotation to cover large area with excellent uniformity at lower pressure.
- Smooth & vibration-less rotation for high distribution uniformity up to 8 X 8 m .
- Color coded nozzles for easy identification of sprinkler size and performance.
- Easy to maintain, as no tools required.
- Available in both $\frac{1}{2}$ " & $\frac{3}{4}$ " male thread connections.
- Bridge less design to eliminate dry patches.
- Made from special engineering plastic for years of excellent performance

Applications

- For open fields irrigation and germination.
- Overhead irrigation in greenhouses and nurseries.

Technical Specifications

- Flow rate: 335 - 1350 LPH.
- Recommended pressure range: 0.7 - 2.0 bar
- Wetted diameter: 12.0 - 16.0 mtr.
- Recommended filtration: 120mesh

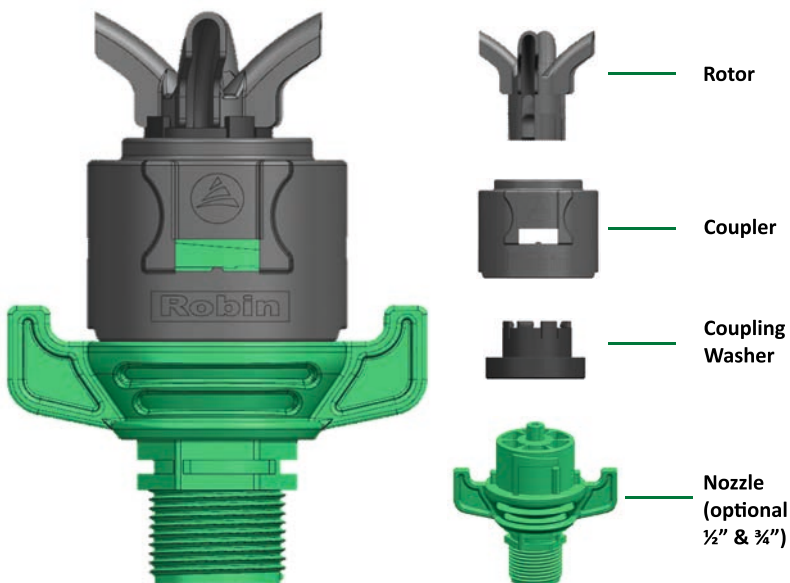
Performance Table

Nozzle Size/Colour	Pressure Kg/cm ²	Flow Rate LPH	Wetted DOC Meter	Precipitation rate (mm/hr.) Rectangular Spacing (m)		
				6x6	7x7	8x8
3.2mm (Green)	0.7	335	12.0	9.3	6.8	5.2
	1.0	400	15.0	11	8.1	6.2
	1.25	450	15.0	12.5	9.2	7
	1.5	490	15.0	13.6	10	7.7
	2.0	565	15.0	15.6	11.5	8.8
4.0mm (Orange)	0.7	500	13.0	13.9	10.2	7.8
	1.0	600	15.0	16.6	12.2	9.4
	1.25	670	15.0	18.6	13.6	10.4
	1.5	735	15.0	20.4	15	11.5
	2.0	850	15.0	23.6	17.3	13.3
4.5mm (Gray)	0.7	670	13.5	18.6	13.6	10.4
	1.0	800	15.0	22.2	16.3	12.5
	1.25	900	15.5	25	18.4	14.1
	1.5	980	16.0	27.2	20	15.3
	2.0	1130	16.0	31.5	23.1	17.7
5.0mm (Purple)	0.7	800	14.0	22.2	16.3	12.5
	1.0	950	15.0	26.3	19.3	14.8
	1.25	1060	15.5	29.5	21.6	16.6
	1.5	1170	16.0	32.5	23.9	18.3
	2.0	1350	16.0	37.5	27.6	21.1

Colour codes of distribution uniformity

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

- Performance test under laboratory condition with 50cm riser height.
- Stream heights range from 160 to 200cm from height of the nozzle.



Product Range		
	Nozzle Size	Thread Size
	3.2mm	1/2"
	4.0mm	
	4.5mm	3/4"
	5.0mm	