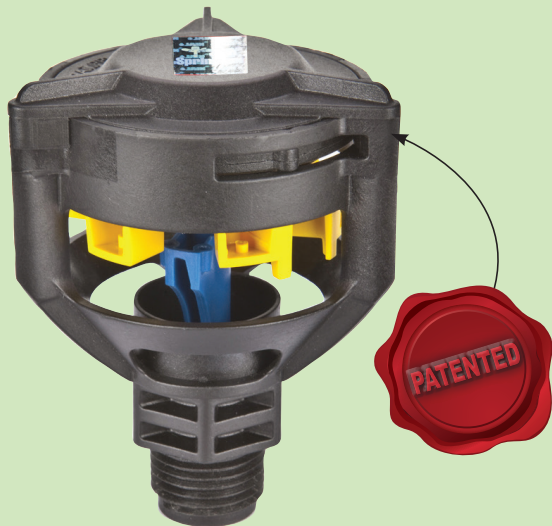


Acurain™ MagicDrive

ACURAIN SPRINKLER



Germination
Irrigation



Irrigation
Full Coverage



Blossom
Shower



Field
Crops



Extended longevity

Maintenance free for long lifespan



Hermetically-sealed silicone chamber

Hermetically-sealed silicone chamber protects silicone from leakage



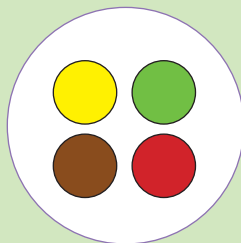
Silicone With Magnets

Silicone with magnets ensure constant rotation speed and prevents wear and tear



Unique Spinner Design

Specially designed spinner for uniform water distribution



Color codes for identification

Color coded nozzle are available for different flow rates.



Threaded Inlet Connection

For connectivity with assembly 1/2" male threaded inlet connection is available

Acurain MagicDrive

Additional Features

- Can function with contaminated water.
- Excellent water distribution uniformity in spacing of up to 14 m.
- Color coded nozzle and swivel.
- High-impact and heavy duty plastic materials for resistance to corrosion and UV radiation.

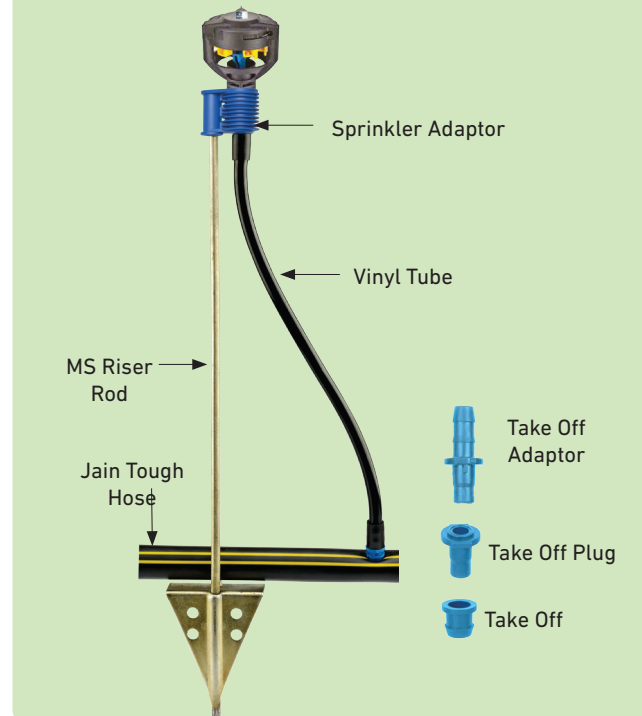
Applications

- Irrigation and germination of vegetables and field crops.
- Corn and Sugar cane irrigation on high risers 2-3m due to its stable operation without vibration.
- Overhead cooling in orchards and plantations.

Specifications

- Discharges : 310 lph to 730 lph
- Diameter : 19 m to 23 m
- Recommended Pressure: 1.5 kg/cm² to 3.5 kg/cm²
- Inlet Connection : 1/2" BSP male threaded
- Easy to install with different mounting options. For details please refer to "Polyfittings & Accessories" section

Acurain MagicDrive Sprinkler Assembly



Performance Table – Acurain MagicDrive

Precipitation rates (mm/hr) & uniformity (CU) at various spacing

Group	Swivel (24°)	Diffuser	Nozzle color (mm)	P (kg/cm ²)	Q (lph)	D (m)	Spacing (m)					
							9x9	10x10	10x12	12x12	12x14	14x14
G4	Black	Yellow	2.6 Yellow	1.5	310	19	3.8	3.1	2.6			
				2	365	19	4.5	3.7	3.0			
				2.5	410	19	5.0	4.1	3.4			
				3	450	20	5.6	4.5	3.8			
			3.5	490	20	6.0	4.9	4.1				
			2.8 Green	1.5	360	20	4.3	3.6	3.0	2.5		
				2	415	20	5.1	4.2	3.5	2.9		
				2.5	465	21	5.6	4.7	3.9	3.2		
3	510	21		6.2	5.1	4.3	3.5					
3.5	550	21	6.8	5.5	4.6	3.8						
G5	Blue	Yellow	2.6 Yellow	1.5	415	22	5.1	4.2	3.5	2.9	2.5	2.1
				2	485	23	5.9	4.9	4.0	3.4	2.9	2.5
				2.5	545	23	6.7	5.5	4.5	3.8	3.2	2.8
				3	595	23	7.3	6.0	5.0	4.1	3.5	3.0
				3.5	650	22	8.0	6.5	5.4	4.5	3.9	3.3
				1.5	465	21	5.7	4.7	3.9	3.2	2.8	2.4
			2.8 Green	2	545	22	6.7	5.5	4.5	3.8	3.2	2.8
				2.5	615	23	7.6	6.2	5.1	4.3	3.7	3.1
				3	680	23	8.3	6.8	5.7	4.7	4.0	3.5
				3.5	730	23	9.0	7.3	6.1	5.1	4.3	3.7

Color code - Coefficient of uniformity

CU < 85%	CU = 85-88%	CU = 88-92%	CU > 92%
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Note: * Performance table prepared under laboratory conditions. * For windy conditions use closer spacings.

Ordering specifications

5181	XX	XX	XX
	Group Code	Angle	Nozzle
	G4	9 = 09	2.6 - 26
	G5	14 = 14	2.8 - 28
		24 = 24	3.0 - 30
		3.2 = 32	

Example: 5181G50926 - This code represents Magic Drive Sprinkler with Blue swivel, yellow diffuser and 2.6 mm nozzle