



## Oasis Irrigation Equipment Company Limited The "Rain Maker"

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### Gear Driven Rotor



#### Features

- Top adjustment with flat blade screw driver, no training necessary.
- Provides a full range of adjustment from 40°-360°
- Flow Shut-Off – Stop flow right at head with turn of screwdriver
- Ratchet Riser – Easily adjust your left stop position by turning the riser
- Wide selection of Nozzles including standard and low angle, provides flexibility in design system
- Heavy Duty Rubber Cover for safety

#### Specification

- Inlet: ¾" Female Threaded NPT
- Arc Adjustment Range: 40° to 360°
- Flow Range: 1.7 – 36.0 l/m
- Pressure Rating: 2 – 5.0 kg/cm<sup>2</sup>
- Precipitation Rate: 1.4 to 11.6 mm/hr
- Overall Height (Popped Down): 7 1/2"
- Recommended Spacing: 8.5 to 13.4 mtr.
- Radius: 28' to 50'.
- Nozzle trajectory: 26°
- Riser Height: 5'
- Standard & Low Angle Nozzle Included
- Low Angle Nozzle Trajectory: 12°

**Performance Data – Standard**

<b>Nozzle</b>	<b>Pressure (kg/cm<sup>2</sup>)</b>	<b>Radius (mtr)</b>	<b>Flow Rate (l/m)</b>
#0.5	2.0	7.9	1.7
	3.0	7.9	1.9
	3.5	8.8	2.3
	4.0	9.1	2.6
#0.75	2.0	9.8	2.6
	3.0	9.8	3.0
	3.5	10.1	3.4
	4.0	10.1	3.8
#1.0	2.0	9.1	4.2
	3.0	9.8	4.9
	3.5	10.1	5.7
	4.0	10.1	6.1
#2.0	2.0	11.6	8.7
	3.0	11.6	9.5
	3.5	12.2	10.2
	4.0	12.8	11.4
#2.5	2.0	10.7	9.5
	3.0	11.0	10.6
	3.5	11.3	12.1
	4.0	11.6	13.6
#3.0	2.0	10.7	12.9
	3.0	11.0	14.9
	3.5	11.6	15.9
	4.0	11.9	18.2
#4.0	2.0	12.8	15.5
	3.0	13.4	17.4
	3.5	13.7	19.3
	4.0	14.0	21.6
#6.0	3.0	14.0	22.0
	3.5	14.6	24.2
	4.0	14.9	26.5
	5.0	14.9	28.4
#8.0	3.0	12.8	28.4
	3.5	13.7	31.0
	4.0	14.6	34.1
	5.0	14.6	36.0

**Performance Data – Low Angle**

<b>Nozzle</b>	<b>Pressure (kg/cm<sup>2</sup>)</b>	<b>Radius (mtr)</b>	<b>Flow Rate (l/m)</b>
#1.0	2.0	7.9	4.9
	3.0	8.2	5.7
	3.5	8.2	6.4
	4.0	8.5	7.2
#3.0	2.0	8.8	11.0
	3.0	9.1	12.5
	3.5	9.4	12.9
	4.0	10.1	15.1
#4.0	2.0	8.5	15.1
	3.0	9.4	17.8
	3.5	10.4	18.9
	4.0	11.0	22.7
#6.0	3.0	9.1	22.7
	3.5	10.4	26.5
	4.0	11.3	29.5
	5.0	11.6	31.0

- Performance is based on ideal condition of Temperature, Wind Velocity & Humidity