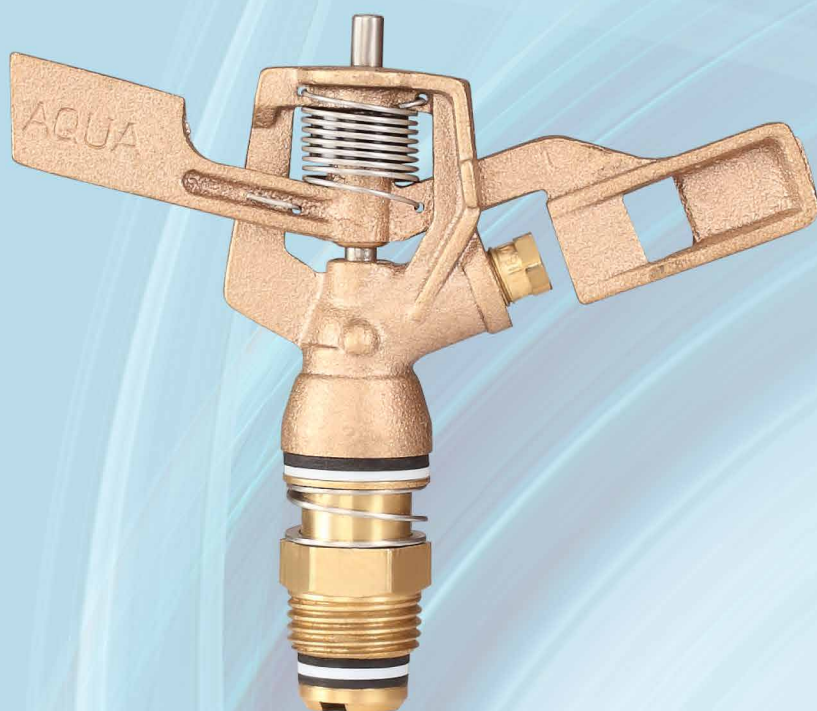


## Overhead Sprinklers



### Features

- Available in 1/2" BSP/NPT Male threaded
- Nozzle size above 3.17mm with stream straightening vane for long range.
- Durable Bronze body and arm
- Heavy duty brass Nut and tube
- Pivot pin and Springs made of Stainless steel.
- **Model 5N23SP available with nozzle size 1.98mm or 5/64"**
- Recommended Pressure 2 - 4.5 kg/cm<sup>2</sup> or 30 -65Psi
- Recommended spacing up to 10m for higher distribution uniformity.
- Trajectory Angle: 23°

### Application

- All row crops irrigation by overhead irrigation on solid set systems - portable or permanent.
- Agriculture fields or landscape application and centre pivots.

**Nozzle Size: 3.17mm Pressure: 3.0kg/cm<sup>2</sup>**

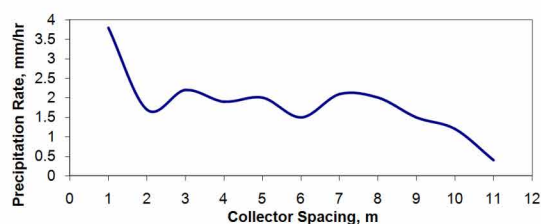
### Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
2.38	3/32"	2	28.44	20	65.6	5.4	1.43
		2.5	35.55	20.5	67.24	5.95	1.57
		3	42.66	21	68.88	6.5	1.72
		3.5	49.77	21.5	70.52	6.9	1.82
		4	56.88	22	72.16	7.4	1.95
2.77	7/64"	4.5	63.99	23	75.44	7.9	2.09
		2	28.44	20.5	67.24	7.5	1.98
		2.5	35.55	20.5	67.24	8.35	2.21
		3	42.66	21	68.88	8.95	2.36
		3.5	49.77	22	72.16	9.9	2.61
3.17	1/8"	4	56.88	23	75.44	10.35	2.73
		4.5	63.99	23.5	77.08	10.85	2.87
		2	28.44	21	68.88	9.58	2.53
		2.5	35.55	22	72.16	10.8	2.85
		3	42.66	22.5	73.8	11.6	3.06
3.57	9/64"	3.5	49.77	23	75.44	12.8	3.38
		4	56.88	24	78.72	13.4	3.54
		4.5	63.99	21.5	70.52	13.9	3.67
		2	28.44	22	72.16	11.8	3.12
		2.5	35.55	22	72.16	13.2	3.49
3.57	9/64"	3	42.66	22.5	73.8	14.45	3.82
		3.5	49.77	23	75.44	15.55	4.11
		4	56.88	23	75.44	16.7	4.41
		4.5	63.99	24	78.72	17.25	4.56

\*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

\*\*On higher pressure ( above 3 Kg/cm<sup>2</sup>) stream straightener is recommended for all the nozzles.

### Distribution Curve



Spacing	CU	DU	SC(5%)	APR
R8 x 8	90%	82%	1.4	10
R9 x 9	94%	93%	1.1	7.9
R10 x 10	90%	85%	1.2	6.4

