

# AQ - 5N23W

## 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
- Energy saving with plastic wedge drive spool.
- Excellent water distribution at low pressure.
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 1.5 - 4.0 kg/cm<sup>2</sup> or 20 -60Psi
- Recommended spacing up to 10m for higher distribution uniformity.
- Trajectory Angle: 23°

### Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
1.98	5/64"	1.5	21.33	18.3	60.02	3.32	0.88
		2	28.44	18.8	61.66	3.74	0.99
		2.5	35.55	19.6	64.29	3.98	1.05
		3	42.66	20	65.60	4.38	1.16
		3.5	49.77	20.2	66.26	4.64	1.23
		4	56.88	20.2	66.26	4.96	1.31
2.38	3/32"	1.5	21.33	20	65.60	5.04	1.33
		2	28.44	20.6	67.57	5.4	1.43
		2.5	35.55	20.6	67.57	5.95	1.57
		3	42.66	21	68.88	6.5	1.72
		3.5	49.77	21	68.88	6.69	1.77
		4	56.88	21.2	69.54	7.4	1.95
2.77	7/64"	1.5	21.33	20.8	68.22	6.74	1.78
		2	28.44	21	68.88	7.5	1.98
		2.5	35.55	21	68.88	8.35	2.21
		3	42.66	21.6	70.85	8.95	2.36
		3.5	49.77	21.8	71.50	9.9	2.61
		4	56.88	22.2	72.82	10.35	2.73
3.17	1/8"	1.5	21.33	21.2	69.54	8.58	2.27
		2	28.44	21.2	69.54	9.58	2.53
		2.5	35.55	21.2	69.54	10.8	2.85
		3	42.66	21.8	71.50	11.6	3.06
		3.5	49.77	22	72.16	12.8	3.38
		4	56.88	22.6	74.13	13.4	3.54

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

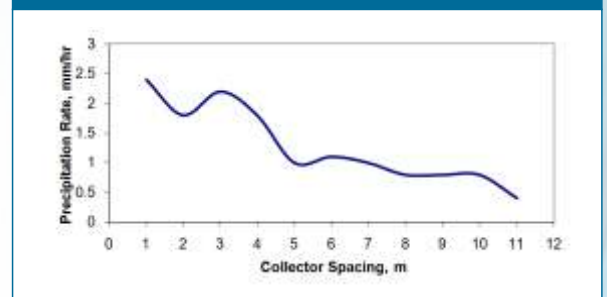
\*\*On higher pressure ( above 3 Kg/cm<sup>2</sup>) stream straightener is recommended for all the nozzles.

### Application

- All crops irrigation compatible by overhead irrigation on solid set systems.
- Low volume, fast rotation at low pressure for irrigation of row crops.
- Smaller nozzles allow low flow & frost protection in vine and overtree.

Nozzle Size: 2.38mm Pressure: 3.0kg/cm<sup>2</sup>

### Distribution Curve



Spacing	CU	DU	SC(5%)	APR
R8 x 8	90%	80%	1.4	6.1
R9 x 9	89%	83%	1.2	4.9
R10 x 10	92%	89%	1.2	3.9



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