

# AQ - 46

## Overhead Sprinkler



### Features

- Available with 3/4" BSPT male/Female threaded.
- Durable Engineering plastic Body, Arm, Nut, Tube and nozzels.
- Color coded nozzels for easy size identification.
- Bayonet nozzle connection for easy service in field condtions.
- **Brass nozzles are also available with this model.**
- Nozzles with integrated spreader screw is available with both nozzels.
- Press fitted plated weight into arm for proper impact and balancing.
- Stainless Steel Pivot Pin and Springs
- Recommended Pressure 1.0 - 4.0 kg/cm<sup>2</sup> or 14.22- 56.88Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 23°

### Application

- All crops compatible for overhead sprinkler irrigation on portable as well as solid set systems.
- Use for agriculture field, fruit farming and vegetable farming.

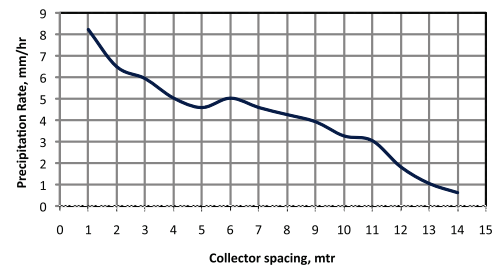
### Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
3.57 x plug	9/64" x Plug	1	14.2	21	68.88	7.8	2.06
		2	28.4	24	78.72	11	2.91
		3	42.7	25	82	13.5	3.57
		4	56.9	25.5	83.64	15.6	4.12
3.57 x 2.38	9/64" x 3/32"	1	14.2	21	68.88	11.6	3.05
		2	28.4	24	78.72	16.3	4.31
		3	42.7	25	82	20	5.28
		4	56.9	25.5	83.64	23.1	6.1
3.96 x 2.38	5/32" x 3/32"	1	14.2	21	68.88	13.6	3.6
		2	28.4	25	82	19.3	5.08
		3	42.7	26	85.28	23.6	6.23
		4	56.9	26.5	86.92	27.2	7.19
4.36 x 2.38	11/64" x 3/32"	1	14.2	22	72.16	15.4	4.07
		2	28.4	25.5	83.64	21.8	5.76
		3	42.7	27.5	90.2	26.7	7.05
		4	56.9	28	91.84	30.8	8.14
4.76 x 3.17	3/16" x 1/8"	1	14.2	22.5	73.8	21.3	5.62
		2	28.4	26	85.28	30.1	7.94
		3	42.7	28.5	93.48	36.8	9.73
		4	56.9	29	95.12	42.5	11.23
5.15 x 3.17	13/64" x 1/8"	1	14.2	22.5	73.8	22.9	6.05
		2	28.4	27	88.56	32.4	8.55
		3	42.7	29.5	96.76	39.7	10.48
		4	56.9	29.5	96.76	45.8	12.1
5.55 x 3.17	7/32" x 1/8"	1	14.2	23.5	77.08	25	6.61
		2	28.4	28	91.84	35.4	9.34
		3	42.7	30	98.4	43.3	11.44
		4	56.9	30.5	100.04	50	13.21

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

Nozzle Size: 4.36 x 2.38mm Pressure: 3.0kg/cm<sup>2</sup>

### Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
12.0 x 12.0	93%	88%	1.1	11.1
13.0 x 13.0	92%	84%	1.2	9.5
14.0 x 14.0	88%	82%	1.3	8.2
15.0 x 15.0	86%	79%	1.3	7.1

AQ-46S



AQ-46B



Special model with Brass Nozzles