

AQ - 46

Overhead Sprinklers



New



AQ-46S

Nozzles with spreader arm and screw.

New



AQ-46B

Threaded Brass Nozzles

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 ²	Psi	mtr.	ft.	LPM	GPM
3.57 x plug	9/64" x Plug	1	14.22	18	59.04	9.7	2.56
		2	28.44	19.2	62.98	11.8	3.12
		3	42.66	21	68.88	14.5	3.83
		4	56.88	22.4	73.47	16.7	4.41
3.96 x 2.38	5/32" x 3/32"	1	14.22	19.5	63.96	13.2	3.49
		2	28.44	22.5	73.80	18.5	4.89
		3	42.66	25.5	83.64	22.4	5.92
		4	56.88	28.8	94.46	26.5	7.00
4.36 x 2.38	11/64" x 3/32"	1	14.22	21	68.88	17	4.49
		2	28.44	26.8	87.90	22	5.81
		3	42.66	29.8	97.74	25.7	6.79
		4	56.88	32.3	105.94	30.4	8.03
4.76 x 3.17	3/16" x 1/8"	1	14.22	22	72.16	21	5.55
		2	28.44	28	91.84	28	7.40
		3	42.66	31.1	102.01	36	9.51
		4	56.88	33.5	109.88	42	11.09
5.15 x 3.17	13/64" x 1/8"	1	14.22	23.5	77.08	27.5	7.26
		2	28.44	28.7	94.14	32	8.45
		3	42.66	32	104.96	40	10.57
		4	56.88	34.1	111.85	47	12.41
5.55 x 3.17	7/32" x 1/8"	1	14.22	25.2	82.66	32.7	8.64
		2	28.44	29.6	97.09	37.3	9.85
		3	42.66	33	108.24	45.5	12.02
		4	56.88	35	114.80	52.4	13.84

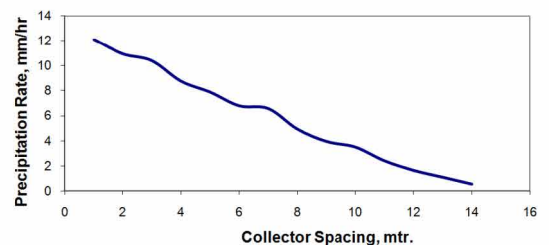
*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

Features

- Available with 3/4" BSPT male/Female threaded
- Durable Engineering plastic Body, Arm, Nut, Tube and nozzels.
- Color coded nozzles for easy size identification.
- Bayonet nozzle connection for easy service in field conditions.
- Brass nozzles are also available with this model.
- Nozzles with integrated spreader screw is available with both nozzles.
- Press fitted plated weight into arm for proper impact and balancing.
- Stainless Steel Pivot Pin and Springs
- Recommended Pressure 1.0 - 4.0 kg/cm² or 15 - 55Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 23°

Nozzle Size: 4.36 x 2.38mm Pressure: 3.0kg/cm²

Distribution Curve



Spacing	CU	DU	SC(5%)	APR
R12.0 x 12.0	97%	97%	1	17.8
R13.0 x 13.0	97%	95%	1.1	15.2
R14.0 x 14.0	97%	95%	1.1	13.1
R15.0 x 15.0	97%	96%	1	11.4