

AQ - 46PC

Overhead Sprinklers



Features

- Available in 3/4" BSPT Male threaded
- Body, Arm, Nut, Tube and part circle mechanism made of engineering plastic material for durability and corrosion resistant.
- Available in Brass nozzle Threaded / Bayonet nozzles body design.
- Nozzle Bayonet connection for easy service in field conditions.
- Nozzles with integrated stream straightening vane for long range.
- Pivot pin and Springs, part circle pin made of Stainless steel.
- Recommended Pressure 1.0 - 4.0 kg/cm² or 15 - 55Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 23°

Application

- All crops irrigation compatible by overhead irrigation on Solid set - portable and permanent systems.
- For Efficient irrigation of field edges.

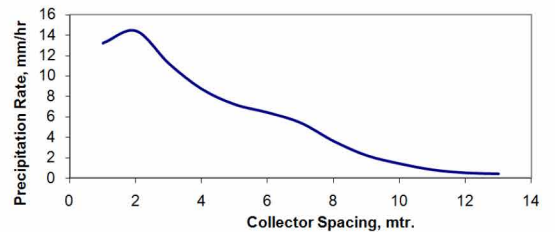
Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm ²	Psi	mtr.	ft.	LPM	GPM
3.96 x 2.38	5/32" x 3/32"	1	14.22	21.5	70.52	13.2	3.49
		2	28.44	23	75.44	18.5	4.89
		3	42.66	26.4	86.59	22.4	5.92
4.36 x 2.38	11/64" x 3/32"	4	56.88	28.6	93.81	26.5	7.00
		1	14.22	22.6	74.13	15.5	4.09
		2	28.44	24.4	80.03	21.5	5.68
		3	42.66	27.8	91.18	25.7	6.79
4.76 x Plug	3/16" x Plug	4	56.88	29.4	96.43	30.4	8.03
		1	14.22	23.6	77.41	13.8	3.65
		2	28.44	26.8	87.90	19.4	5.12
		3	42.66	29	95.12	25.2	6.66
4.76 x 3.17	3/16" x 1/8"	4	56.88	30.4	99.71	29.2	7.71
		1	14.22	23.8	78.06	23.8	6.29
		2	28.44	26.8	87.90	29.4	7.77
		3	42.66	29.2	95.78	36	9.51
5.15 x 3.17	13/64" x 1/8"	4	56.88	30.4	99.71	42.6	11.25
		1	14.22	23.8	78.06	27.4	7.24
		2	28.44	29.2	95.78	36.3	9.59
		3	42.66	30.4	99.71	44.5	11.75
		4	56.88	32.4	106.27	49.3	13.02

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

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

Distribution Curve



Spacing	CU	DU	SC(5%)	APR
R12 x 12	93%	91%	1.1	13.4
R13 x 13	89%	85%	1.3	11.4
R14 x 14	85%	78%	1.6	9.9
R15 x 15	80%	68%	1.9	8.6



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