

AQ - 46PC

Overhead Sprinkler



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.
- Nozzle Bayonet connection for easy service in field conditions.
- Also available in Brass Threaded nozzle.
- 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 14.25 - 56.85Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 23°

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	13.5	3.56
		2	28.44	23	75.44	19.1	5.03
		3	42.66	26.4	86.59	23.3	6.16
		4	56.88	28.6	93.81	27	7.12
4.36 x 2.38	11/64" x 3/32"	1	14.22	22.6	74.13	15.3	4.04
		2	28.44	24.4	80.03	20.3	5.36
		3	42.66	27.8	91.18	26.5	7
		4	56.88	29.4	96.43	30.6	8.08
4.76 x Plug	3/16" x Plug	1	14.22	23.6	77.41	13.6	3.58
		2	28.44	26.8	87.9	19.2	5.06
		3	42.66	29	95.12	23.5	6.21
		4	56.88	30.4	99.71	27.1	7.17
4.76 x 3.17*	3/16" x 1/8"	1	14.22	23.8	78.06	20.3	5.36
		2	28.44	26.8	87.9	28.7	7.58
		3	42.66	29.2	95.78	35.2	9.29
		4	56.88	30.4	99.71	40.6	10.72
5.15 x 3.17	13/64" x 1/8"	1	14.22	23.8	78.06	22.1	5.85
		2	28.44	29.2	95.78	31.3	8.27
		3	42.66	30.4	99.71	38.3	10.13
		4	56.88	32.4	106.27	44.3	11.69

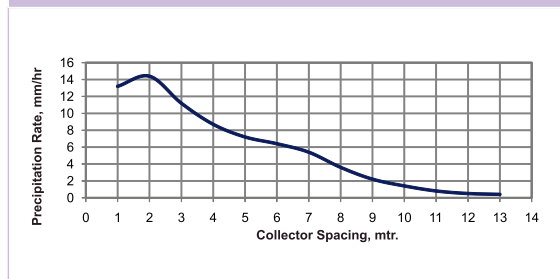
*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

Application

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

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

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
12 x 12	93%	91%	1.1	11
13 x 13	89%	85%	1.3	9.4
14 x 14	85%	78%	1.6	8.1
15 x 15	80%	68%	1.9	7



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