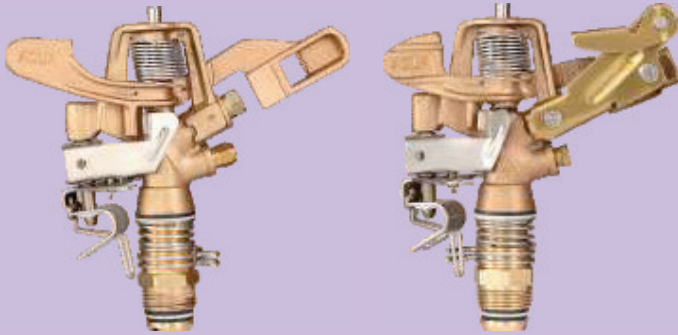


AQ - 20PC

Overhead Sprinkler



Features

- 3/4" BSP/NPT male threaded.
- Durable Bronze body and arm.
- Heavy duty Brass Nut & Tube.
- Stainless Steel Pivot Pin, deflector plate, diffusor screw, part circle mechanism.
- Bearing & Sealing washers are made of material for extending life.
- Diffusor screw to change the water jet from heavy droplets to fine spray (AQ20PCDA).
- Adjustable deflector plate to change the spray height for adjusting throw (AQ20PC-ASDA).
- **Special Model available for pressure application upto 6.0kg/cm²**
- Recommended Pressure 2.0 - 4.0 kg/cm² or 30 - 55Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 25°

Application

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

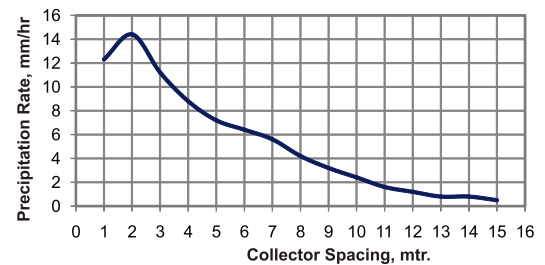
Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm ²	Psi	mtr.	ft.	LPM	GPM
3.96 x Plug	5/32" x Plug	2	28.44	27	88.56	13.8	3.65
		2.5	35.55	28	91.84	15.6	4.12
		3	42.66	29.4	96.43	17.5	4.62
		3.5	49.77	30.2	99.06	18.9	4.99
4.36 x 2.38	11/64" x 3/32"	2	28.44	26.8	87.90	22	5.81
		2.5	35.55	29	95.12	23.6	6.23
		3	42.66	30	98.40	25.8	6.81
		3.5	49.77	30.4	99.71	27.9	7.37
4.76 x Plug	3/16" x Plug	2	28.44	29	95.12	19.4	5.12
		2.5	35.55	29.8	97.74	22.8	6.02
		3	42.66	30.4	99.71	25.2	6.66
		3.5	49.77	31.2	102.34	26.9	7.11
4.76 x 3.17	3/16" x 1/8"	2	28.44	29.2	95.78	28.8	7.61
		2.5	35.55	29.8	97.74	32.3	8.53
		3	42.66	30.4	99.71	36.3	9.59
		3.5	49.77	31.2	102.34	39.4	10.41
5.15 x 3.17	13/64" x 1/8"	2	28.44	30.4	99.71	34.5	9.11
		2.5	35.55	31.3	102.66	37.2	9.83
		3	42.66	33.4	109.55	42.4	11.20
		3.5	49.77	32.2	105.62	44.9	11.86
		4	56.88	33.6	110.21	47.8	12.63

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

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

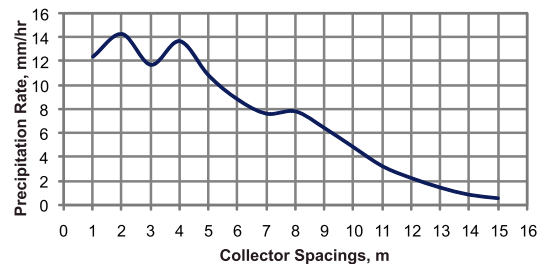
Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
12 x 12	93%	92%	1.1	11.5
13 x 13	92%	91%	1.1	9.8
14 x 14	90%	88%	1.2	8.4
15 x 15	87%	84%	1.3	7.3

Nozzle Size: 4.76 x 3.17mm Pressure: 3.0kg/cm²

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
12 x 12	95%	93%	1.1	13.9
13 x 13	95%	91%	1.1	11.8
14 x 14	96%	93%	1.1	10.2
15 x 15	96%	94%	1.1	8.9



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Creating a Green World