

# AQ - 05PC

## Overhead Sprinklers



### AQ-05PC-AG

- Bronze Body & Arm.
- Inbuilt diffuser arm with body.
- Good gripping of diffuser screw, to prevent unscrewing at high pressure.
- Recommended pressure: 2-4 Kg/cm<sup>2</sup>.



### Features

- 1/2" BSP/NPT male threaded
- Durable Bronze body, Zamac Pressure Die Casted Arm, Brass Nut, Tube, nozzle & diffuser screw.
- Stainless Steel Pivot Pin, deflector plate, part circle mechanism.
- Diffuser screw to change the water jet from heavy droplets to fine spray.
- Adjustable deflector plate to change the spray height for adjusting throw.
- Recommended Pressure 2.0 - 3.5 kg/cm<sup>2</sup> or 30 - 50Psi
- Recommended spacing up to 8m for higher distribution uniformity.
- Trajectory Angle: 25°

### Application

- All crops irrigation compatible by overhead irrigation.
- For Efficient irrigation of field edges / turf application.

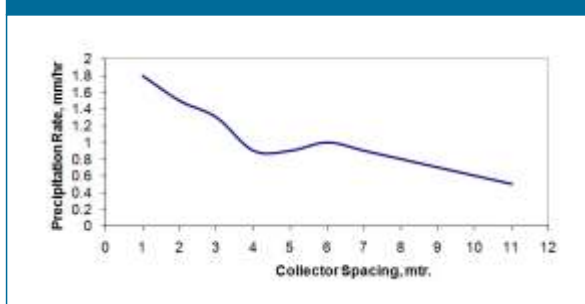
### Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
3.17	1/8"	2	28.44	21.2	69.54	9.58	2.53
		2.5	35.55	22.4	73.47	10.8	2.85
		3	42.66	23	75.44	11.6	3.06
		3.5	49.77	23.8	78.06	12.8	3.38
3.57	9/64"	2	28.44	22.9	75.11	11.4	3.01
		2.5	35.55	23.4	76.75	13.2	3.49
		3	42.66	23.8	78.06	14.4	3.80
3.97	5/32"	2	28.44	23.5	77.08	13.8	3.65
		2.5	35.55	24	78.72	15.6	4.12
		3	42.66	24.5	80.36	17.4	4.60
		3.5	49.77	25	82.00	19.2	5.07

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

Nozzle Size: 3.17mm Pressure: 3.0kg/cm<sup>2</sup>

### Distribution Curve



Spacing	CU	DU	SC(5%)	APR
R6 x 6	91%	86%	1.2	22.4
R7 x 7	88%	84%	1.2	16.5
R8 x 8	83%	79%	1.3	12.6