

# AQ - 22PC

## Overhead Sprinklers



AQ - 22PC-AG

New

### Application

- All agriculture crops and gardens irrigated by overhead irrigation.
- For irrigation and germination of vegetables, flowers, potatoes.
- For Efficient irrigation of field edges.

### Performance Table

Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
2.5	2.0	28.44	21.0	68.88	6.10	23.09
	2.5	35.55	22.0	72.16	6.80	25.74
	3.0	42.66	21.6	70.85	7.40	28.02
	3.5	49.77	22.6	74.13	8.00	30.29
	4.0	56.88	22.6	74.13	8.55	32.37
2.9	2.0	28.44	23.0	75.44	7.60	28.76
	2.5	35.55	23.0	75.44	8.50	32.18
	3.0	42.66	23.0	75.44	9.30	35.21
	3.5	49.77	23.0	75.44	10.10	38.24
3.2	4.0	56.88	23.0	75.44	10.75	40.70
	2.0	28.44	22.0	72.16	9.40	35.59
	2.5	35.55	23.0	75.44	10.50	39.75
	3.0	42.66	23.0	75.44	11.55	43.73
*3.5	3.5	49.77	23.5	77.08	12.45	47.14
	4.0	56.88	24.0	78.72	13.30	50.35
	2.0	28.44	22.0	72.16	11.70	44.30
	2.5	35.55	23.0	75.44	13.10	49.59
*3.5	3.0	42.66	24.0	78.72	14.30	54.14
	3.5	49.77	25.0	82.00	15.40	58.30
	4.0	56.88	26.0	85.28	16.40	62.09

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

### AQ - 22PC-GAG

- For Garden & landscape
- Operating at low pressure.
- Diffusor screw to change the water jet from heavy droplets to fine spray.
- Adjustable deflector plate to change the spray height and to reduce throw.

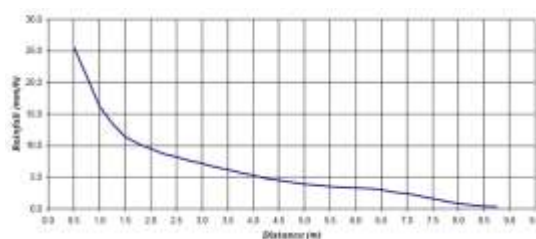


### Features

- Available in 1/2" BSPT Male threaded
- Color coded nozzles for easy size identification.
- Nozzle Bayonet connection for easy service in field conditions.
- Nozzles with integrated stream straightening vane for long range.
- Engineering Plastic material for durability and corrosion resistant.
- Pivot pin and Springs made of Stainless steel.
- **Part circle assembly made by special grade plastic material for longevity.**
- Recommended Pressure 2.0 - 4.0 kg/cm<sup>2</sup> or 30 - 55Psi
- Recommended spacing up to 8m for higher distribution uniformity.
- Trajectory Angle: 25°

Nozzle Size: 2.9mm, Orange Pressure: 2.5kg/cm<sup>2</sup>

### Distribution Curve



\*Model 22PC tested at irstea, France at riser height 750mm

Spacing	CU	DU	SC(5%)	APR
R6.0 x 6.0	88%	83%	1.3	24.4
R7.0 x 7.0	88%	80%	1.3	19.7
R8.0 x 8.0	87%	78%	1.2	16.3
R9.0 x 9.0	86%	75%	1.1	13.7



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