

# AQ-22W

## Overhead Sprinklers






### Features

- Recommended Pressure 1.0 - 3.0 kg/cm<sup>2</sup> or 14.22 - 42.65Psi
- 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.
- Recommended Pressure 1.0 - 3.0 kg/cm<sup>2</sup> or 15 - 40Psi
- Recommended spacing up to 10m for higher distribution uniformity.
- Trajectory Angle: 24°

### Application

- Irrigation and germination of vegetable & nursery crops by overhead irrigation.
- Efficient irrigation and crop protection by frost.

### Performance Table

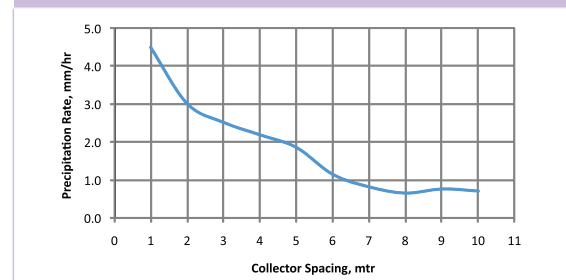
Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
2.0x1.8 	1	14.22	17.2	56.42	4.9	1.29
	1.5	21.33	18.6	61.01	5.8	1.53
	2	28.44	19.2	62.98	6.75	1.78
	2.5	35.55	19.4	63.63	7.5	1.98
	3	42.66	19.6	64.29	8.25	2.18
2.2 x 1.8 	1	14.22	17.6	57.73	5.15	1.36
	1.5	21.33	19	62.32	6.3	1.66
	2	28.44	19.6	64.29	7.25	1.91
	2.5	35.55	19.6	64.29	8.1	2.14
2.5 x 1.8 	3	42.66	20	65.6	8.8	2.32
	1	14.22	18	59.04	6.18	1.63
	1.5	21.33	19.6	64.29	7.48	1.98
	2	28.44	20	65.6	8.68	2.29
	2.5	35.55	20.6	67.57	9.63	2.54
	3	42.66	21	68.88	10.68	2.82

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

Spray Nozzle: Green Color 

Nozzle Size: 2.2 x 1.8mm Pressure: 2.0kg/cm<sup>2</sup>

### Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
09 x 09	90%	87%	1.1	5.3
10 x 10	89%	85%	1.1	4.3
11 x 11	88%	84%	1.2	3.6
10 x 12	88%	82%	1.4	3.6
12 x 12	85%	77%	1.3	3

