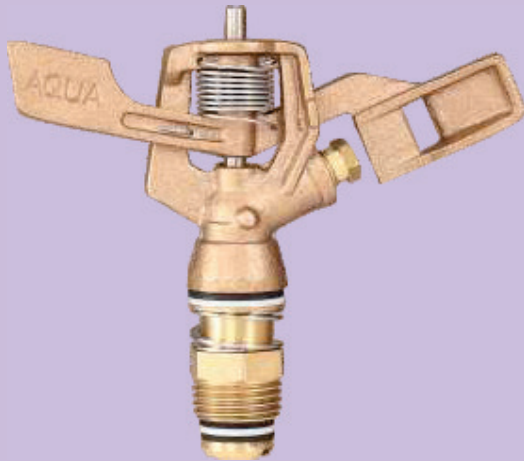


AQ-5N25

Overhead Sprinklers



Features

- Available in 1/2" BSP/NPT Male threaded
- Nozzle size above 3.17mm with stream straightening vane for long range.
- Durable Bronze body and arm.
- Heavy duty brass Nut and tube.
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 2.0 - 4.5 kg/cm² or 30 - 65Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 25°

Application

- All row crops irrigated by overhead irrigation on solid set systems - portable or permanent.
- Agriculture fields or landscape application and center pivots.

Performance Table

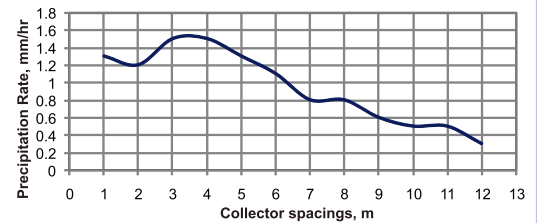
Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm ²	Psi	mtr.	ft.	LPM	GPM
2.38	3/32"	2	28.44	20.5	67.24	5.4	1.43
		2.5	35.55	21	68.88	5.95	1.57
		3	42.66	22	72.16	6.5	1.72
		3.5	49.77	23	75.44	6.9	1.82
		4	56.88	24.5	80.36	7.4	1.95
2.77	7/64"	2	28.44	21	68.88	7.5	1.98
		2.5	35.55	21.5	70.52	8.35	2.21
		3	42.66	22.5	73.8	8.95	2.36
		3.5	49.77	23.5	77.08	9.9	2.61
		4	56.88	24	78.72	10.35	2.73
3.17	1/8"	2	28.44	21	68.88	9.58	2.53
		2.5	35.55	22.5	73.8	10.8	2.85
		3	42.66	23	75.44	11.6	3.06
		3.5	49.77	24	78.72	12.8	3.38
		4	56.88	25	82	13.4	3.54
3.57	9/64"	2	28.44	21.5	70.52	11.8	3.12
		2.5	35.55	22.5	73.8	13.2	3.49
		3	42.66	23	75.44	14.45	3.82
		3.5	49.77	24	78.72	15.55	4.11
		4	56.88	25	82	16.7	4.41
		4.5	63.99	25.5	83.64	17.25	4.56

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

**On higher pressure (above 3 Kg/cm²) stream straightener is recommended for all the nozzles.

Nozzle Size: 3.57mm Pressure: 3.5kg/cm²

Distribution Curve



Spacing	CU%	DU%	SC(5%)	APR
R8 x 8	96%	93%	1.1	5.6
R9 x 9	94%	90%	1.1	4.4
10 x 10	95%	93%	1.1	3.6
R11 x 11	93%	88%	1.1	3
R12 x 12	91%	85%	1.2	2.5

