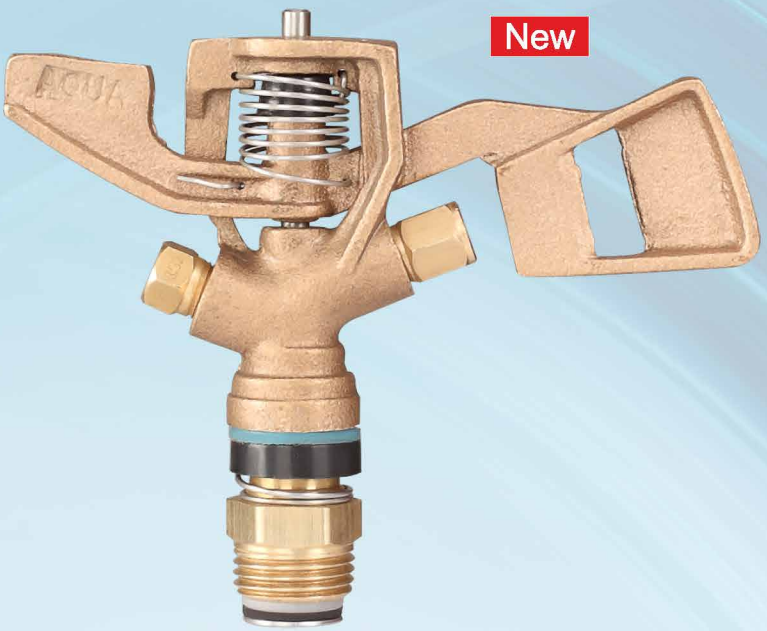
AQ - 5N-WSL

Undertree Sprinklers



- UHMW-PE step bearing Seal: For consistent rotation speed, maximum life expantancy.
- Stainless Steel Tube: For less pressure - friction loss, smooth flow & insures longer wear.

Features

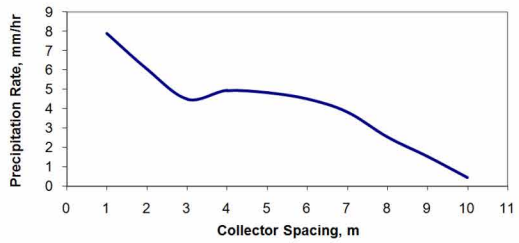
- Available in ½" BSP/NPT Male threaded
- Nozzle size above 3.17mm with stream straightening vane for long range.
- **Arm spoon designed allow mutiple trajectory angle of range nozzle.**
- Durable Bronze body and arm
- Heavy duty brass Nut and nozzles.
- Tube, Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 1.5 - 4.0 kg/cm² or 20 -55Psi
- Recommended spacing up to 10m for higher distribution uniformity.
- Trajectory Angle: 12°

Application

- Low angle metal sprinkler for irrigation of undertree, bananas, vineyards, orchirds and plantation.
- Cow washing, where continuous spraying is required.

Nozzle Size: 3.97 x 2.38mm Pressure: 3.0kg/cm²

Distribution Curve



Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm²	Psi	mtr.	ft.	LPM	GPM
2.77 x 2.38	7/64" x 3/32"	1.5	21.33	16	52.48	10.8	2.85
		2	28.44	16.6	54.45	11.8	3.12
		2.5	35.55	17	55.76	13.5	3.57
		3	42.66	17.4	57.07	14.6	3.86
		3.5	49.77	18	59.04	15.7	4.15
		4	56.88	18	59.04	16.8	4.44
3.17 x 2.38	1/8" x 3/32"	1.5	21.33	16.6	54.45	12.4	3.28
		2	28.44	17.2	56.42	14	3.70
		2.5	35.55	17.6	57.73	15.4	4.07
		3	42.66	18	59.04	16.7	4.41
		3.5	49.77	18.4	60.35	18.6	4.91
		4	56.88	18.6	61.01	20.6	5.44
3.57 x 2.38	9/64" x 3/32"	1.5	21.33	17.4	57.07	14.35	3.79
		2	28.44	18.2	59.70	15.6	4.12
		2.5	35.55	18.4	60.35	16.85	4.45
		3	42.66	18.8	61.66	18.9	4.99
		3.5	49.77	19.2	62.98	21.2	5.60
		4	56.88	19.4	63.63	23.3	6.15
3.97 x 2.38	5/32" x 3/32"	1.5	21.33	18	59.04	16.25	4.29
		2	28.44	18.4	60.35	18.4	4.86
		2.5	35.55	19	62.32	19.8	5.23
		3	42.66	19.4	63.63	20.65	5.45
		3.5	49.77	19.6	64.29	23.2	6.13
		4	56.88	20	65.60	25.45	6.72

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

Spacing	CU	DU	SC(5%)	APR
R8 x 8	95%	94%	1.1	16.6
R9 x 9	90%	88%	1.1	13.1
10 x 10	88%	86%	1.2	10.6
R11 x 11	89%	84%	1.2	8.8
R12 x 12	90%	82%	1.2	7.4