

AQ - 5N-WSL

1/2" BSP/NPT Male Thread

The AQ - 5N-WSL Overhead Sprinkler is a versatile, low-angle metal sprinkler, designed for both agricultural and industrial applications requiring continuous water coverage. Built with a durable bronze body, heavy-duty brass components, and stainless steel mechanisms, this sprinkler is perfect for irrigation of trees, orchards, and plantations, as well as for applications such as cow washing. The stream straightening vane enhances water distribution, ensuring uniform coverage over large areas.



HIGHLIGHTS

- **Threaded Connections:** Available in 1/2" BSP/NPT male threaded configuration.
- **Durable Construction:** Features a bronze body and arm, with heavy-duty brass nuts and nozzles.
- **Multiple Trajectory Angles:** Arm spoon design allows for multiple trajectory angles with range nozzles.
- **Heavy-Duty Design:** Stainless steel tube, pivot pin, and springs ensure long-lasting performance.

TECHNICAL DATA

- Recommended Pressure 1.5 - 4.0 kg/cm² or 20 -55Psi
- Recommended spacing up to 10m or 30ft for higher distribution uniformity.
- Trajectory Angle: 12°



Performance Table (AQ - 5N-WSL)

Nozzle Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm ²	PSI	mtr	ft	LPH	GPM
2.77 x 2.38	7/64" x 3/32"	1.5	21	16.0	52.5	650	2.9
		2	28	16.6	54.4	710	3.1
		2.5	36	17.0	55.8	810	3.6
		3	43	17.4	57.1	875	3.9
		3.5	50	18.0	59.0	940	4.1
		4	57	18.0	59.0	1010	4.4
3.17 x 2.38	1/8" x 3/32"	1.5	21	16.6	54.4	745	3.3
		2	28	17.2	56.4	840	3.7
		2.5	36	17.6	57.7	925	4.1
		3	43	18.0	59.0	1002	4.4
		3.5	50	18.4	60.4	1115	4.9
		4	57	18.6	61.0	1235	5.4
3.57 x 2.38	9/64" x 3/32"	1.5	21	17.4	57.1	860	3.8
		2	28	18.2	59.7	935	4.1
		2.5	36	18.4	60.4	1010	4.4
		3	43	18.8	61.7	1135	5.0
		3.5	50	19.2	63.0	1270	5.6
		4	57	19.4	63.6	1400	6.2
3.97 x 2.38	5/32" x 3/32"	1.5	21	18.0	59.0	975	4.3
		2	28	18.4	60.4	1105	4.9
		2.5	36	19.0	62.3	1190	5.2
		3	43	19.4	63.6	1240	5.5
		3.5	50	19.6	64.3	1290	5.7
		4	57	20.0	65.6	1525	6.7

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

• Tested at 100cm (3ft.) height above the ground.

Spacing (m)	CU (%)	DU (%)	SC	PR (mm/hr)
8 x 8	95%	94%	1.1	19.4
9 x 9	90%	88%	1.1	15.3
10 x 10	88%	86%	1.2	12.4
11 x 11	89%	84%	1.2	10.2
12 x 12	90%	82%	1.2	8.6



→ Stainless Steel Tube: For less pressure - friction loss, smooth flow & insures longer wear.

→ UHMW-PE step bearing Seal: For consistent rotation speed, maximum life expectancy.

Nozzle Size: 3.97x2.38mm | Pressure: 3.0 kg/cm²

