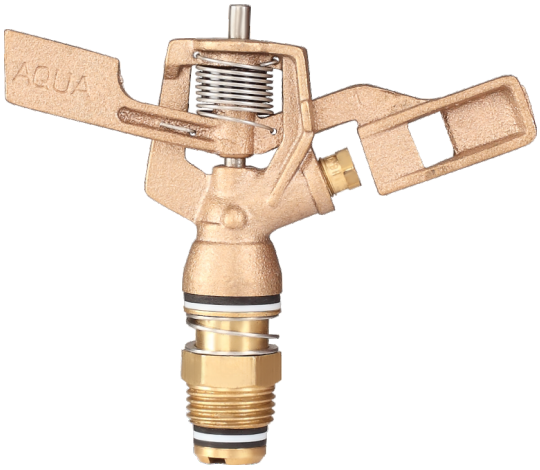
AQ-5N

5N23 | 5N23W | 5N25
½" BSP/ NPT Male threaded



The ½" BSP/NPT Sprinkler is a robust, high-performance sprinkler designed for effective overhead irrigation in agricultural fields, landscapes, and center pivots. Constructed with a durable bronze body, heavy-duty brass components, and stainless steel pivot mechanisms, it ensures long-lasting use and high efficiency. Featuring a stream-straightening vane and designed for optimal water distribution, this sprinkler is ideal for both portable and permanent solid set irrigation systems.

HIGHLIGHTS

- **Threaded Connections:** Available in 1/2" BSP/NPT male threaded configurations for secure and easy installation.
- **Durable Construction:** Built with a bronze body and arm, heavy-duty brass nut and tube for enhanced durability.
- **Precision Design:** Equipped with a stream-straightening vane for increased range and precise water distribution.
- **Reliable Performance:** Stainless steel pivot pin and springs ensure smooth operation and longevity, even under high pressure.

TECHNICAL DATA

- Recommended Pressure 2 - 4.5 kg/cm^2 or 30 -65Psi
- Recommended spacing up to 12m or 40ft for high distribution uniformity.
- AQ - 5N23 Trajectory Angle: 23^0
- AQ - 5N23W Trajectory Angle: 23^0
- AQ - 5N25 Trajectory Angle: 25^0



Performance Table (AQ - 5N23)

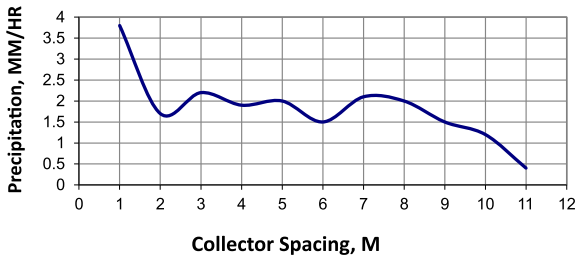
Nozzle Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm^2	PSI	mtr	ft	LPH	GPM
2.38	3/32"	2	28	20.0	65.6	325	1.4
		2.5	36	20.5	67.2	355	1.6
		3	43	21.0	68.9	390	1.7
		3.5	50	21.5	70.5	415	1.8
		4	57	22.0	72.2	445	2.0
		4.5	64	23.0	75.4	475	2.1
2.77	7/64"	2	28	20.5	67.2	450	2.0
		2.5	36	20.5	67.2	500	2.2
		3	43	21.0	68.9	535	2.4
		3.5	50	22.0	72.2	595	2.6
		4	57	23.0	75.4	620	2.7
		4.5	64	23.5	77.1	650	2.9
3.17	1/8"	2	28	21.0	68.9	575	2.5
		2.5	36	22.0	72.2	650	2.9
		3	43	22.5	73.8	695	3.1
		3.5	50	23.0	75.4	770	3.4
		4	57	24.0	78.7	805	3.5
		4.5	64	21.5	70.5	835	3.7
3.57	9/64"	2	28	22.0	72.2	710	3.1
		2.5	36	22.0	72.2	790	3.5
		3	43	22.5	73.8	865	3.8
		3.5	50	23.0	75.4	930	4.1
		4	57	23.0	75.4	1000	4.4
		4.5	64	24.0	78.7	1035	4.6

* 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	90%	82%	1.4	10.9
9 x 9	94%	93%	1.1	8.6
10 x 10	90%	85%	1.2	7.0

Nozzle Size: 3.17mm | Pressure: 3.0 kg/cm^2

Distribution Curve



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Performance Table (AQ - 5N23 W)

Nozzle Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm²	PSI	mtr	ft	LPH	GPM
1.98	5/64"	1.5	21	18.3	60.0	200	0.9
		2	28	18.8	61.7	225	1.0
		2.5	36	19.6	64.3	240	1.1
		3	43	20.0	65.6	260	1.1
		3.5	50	20.2	66.3	280	1.2
		4	57	20.2	66.3	300	1.3
2.38	3/32"	1.5	21	20.0	65.6	300	1.3
		2	28	20.6	67.6	325	1.4
		2.5	36	20.6	67.6	355	1.6
		3	43	21.0	68.9	390	1.7
		3.5	50	21.0	68.9	400	1.8
		4	57	21.2	69.5	445	2.0
2.77	7/64"	1.5	21	20.8	68.2	405	1.8
		2	28	21.0	68.9	450	2.0
		2.5	36	21.0	68.9	500	2.2
		3	43	21.6	70.8	535	2.4
		3.5	50	21.8	71.5	595	2.6
		4	57	22.2	72.8	620	2.7
3.17	1/8"	1.5	21	21.2	69.5	515	2.3
		2	28	21.2	69.5	575	2.5
		2.5	36	21.2	69.5	650	2.9
		3	43	21.8	71.5	695	3.1
		3.5	50	22.0	72.2	770	3.4
		4	57	22.6	74.1	805	3.5

* Performance is based on ideal conditions of Temperature, wind velocity and Humidity.
- Tested at 100cm (3ft.) height above the ground.

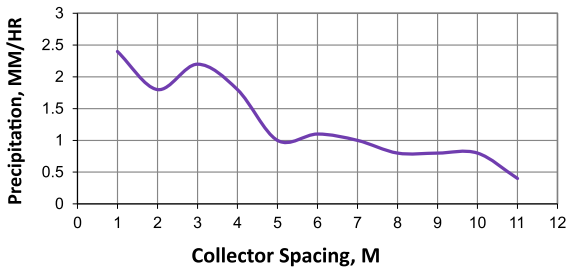
Spacing (m)	CU (%)	DU (%)	SC	PR (mm/hr)
8 x 8	90%	80%	1.4	6.1
9 x 9	89%	83%	1.2	4.8
10 x 10	92%	89%	1.2	3.9



AQ - 5N23 W

Nozzle Size: 2.38mm | Pressure: 3.0 kg/cm²

Distribution Curve



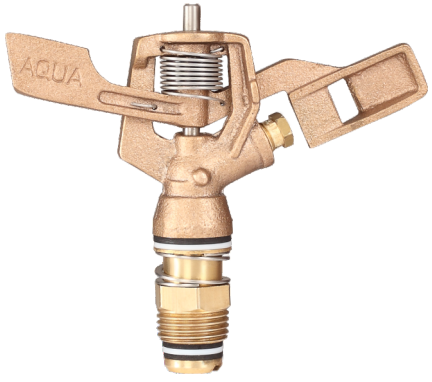
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Performance Table (AQ - 5N25)

Nozzle Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm^2	PSI	mtr	ft	LPH	GPM
2.38	3/32"	2	28	20.5	67.2	325	1.4
		2.5	36	21.0	68.9	355	1.6
		3	43	22.0	72.2	390	1.7
		3.5	50	23.0	75.4	415	1.8
		4	57	24.5	80.4	445	2.0
		4.5	64	25.0	82.0	475	2.1
2.77	7/64"	2	28	21.0	68.9	450	2.0
		2.5	36	21.5	70.5	500	2.2
		3	43	22.5	73.8	535	2.4
		3.5	50	23.5	77.1	595	2.6
		4	57	24.0	78.7	620	2.7
		4.5	64	24.5	80.4	650	2.9
3.17	1/8"	2	28	21.0	68.9	575	2.5
		2.5	36	22.5	73.8	650	2.9
		3	43	23.0	75.4	695	3.1
		3.5	50	24.0	78.7	770	3.4
		4	57	25.0	82.0	805	3.5
		4.5	64	25.0	82.0	835	3.7
3.57	9/64"	2	28	21.5	70.5	710	3.1
		2.5	36	22.5	73.8	790	3.5
		3	43	23.0	75.4	865	3.8
		3.5	50	24.0	78.7	930	4.1
		4	57	25.0	82.0	1000	4.4
		4.5	64	25.5	83.6	1035	4.6

* Performance is based on ideal conditions of Temperature, wind velocity and Humidity.
- Tested at 100cm (3ft.) height above the ground.

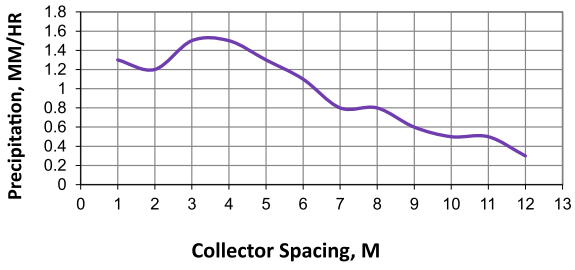
Spacing (m)	CU (%)	DU (%)	SC	PR (mm/hr)
8 x 8	96%	93%	1.1	14.5
9 x 9	94%	90%	1.1	11.5
10 x 10	95%	93%	1.1	9.3
11 x 11	93%	88%	1.1	7.7
12 x 12	91%	85%	1.2	6.5



AQ - 5N25

Nozzle Size: 3.57mm | Pressure: 3.5 kg/cm^2

Distribution Curve



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