AQ- 25 | 25AF

¾” BSP/NPT Male Thread

A general-use metal sprinkler Suitable for large-scale irrigation needs where high precipitation and consistent coverage are required. Ideal for irrigation of various crops compatible with overhead irrigation systems, including solid set, permanent set, hard lines, portable lines, wheel lines, and mechanically movable systems such as center pivots.



HIGHLIGHTS

- Available with 3/4" BSP/NPT male threading and 1" female threading
- Specifically engineered for high precipitation rates and wide spacing
- Durable bronze body and arm, reinforced with a heavy-duty brass nut and tube
- Stainless steel pivot pin and springs for enhanced durability
- Integrated nozzles with stream-straightening vanes ensure efficient irrigation, even in windy conditions.

TECHNICAL DATA

- Recommended operating pressure: 2.0–5.0 kg/cm^2 (30–70 PSI)
- Recommended spacing up to 18 meters (60 feet) for optimal distribution uniformity
- AQ-25 Trajectory Angle: 33^0
- AQ-25 AF Trajectory Angle: 33^0



Performance Table (AQ-25)

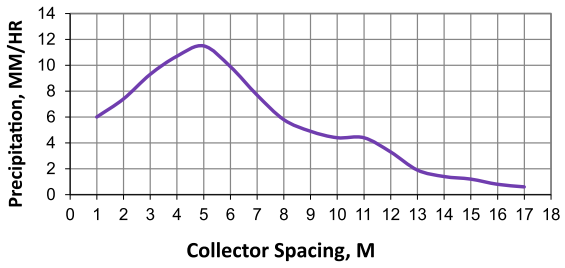
Nozzle Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm²	PSI	mtr	ft	LPH	GPM
5.55 x 3.17	7/32" x 1/8"	2	28	28.2	92.5	2240	9.9
		2.5	36	31.0	101.7	2490	11.0
		3	43	33.4	109.6	2730	12.0
		3.5	50	35.0	114.8	2930	12.9
		4	57	36.2	118.7	2145	9.4
		4.5	64	37.0	121.4	3310	14.6
		5	71	37.6	123.3	3515	15.5
5.95 x 3.17	15/64" x 1/8"	2	28	32.2	105.6	2370	10.4
		2.5	36	33.8	110.9	2710	11.9
		3	43	35.4	116.1	2975	13.1
		3.5	50	36.4	119.4	3215	14.2
		4	57	37.0	121.4	3535	15.6
		4.5	64	37.6	123.3	3710	16.3
		5	71	38.2	125.3	3900	17.2
6.35 x 3.17	1/4" x 1/8"	2	28	33.0	108.2	2650	11.7
		2.5	36	34.2	112.2	2950	13.0
		3	43	35.0	114.8	3275	14.4
		3.5	50	36.0	118.1	3575	15.7
		4	57	37.4	122.7	3860	17.0
		4.5	64	37.8	124.0	4045	17.8
		5	71	38.4	126.0	4270	18.8

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

Nozzle Size: 5.55x3.17mm | Pressure: 3.5 kg/cm²

Spacing (m)	CU (%)	DU (%)	SC	PR (mm/hr)
12.0 x 12.0	92%	87%	1.2	20.3
13.0 x 13.0	93%	87%	1.4	17.3
14.0 x 14.0	93%	86%	1.4	14.9
15.0 x 15.0	91%	84%	1.4	13.0
16.0 x 16.0	90%	84%	1.5	11.4
17.0 x 17.0	90%	85%	1.5	10.1
18.0 x 18.0	89%	83%	1.5	9.0

Distribution Curve





Female Threaded
(AQ-25F)

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Performance Table (AQ - 25AF)

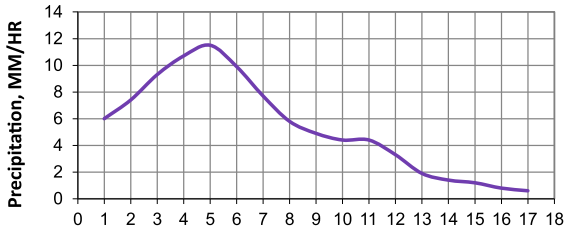
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		2.5	36	33.8	110.9	2710	11.9
		3	43	35.4	116.1	2975	13.1
		3.5	50	36.4	119.4	3215	14.2
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		2.5	36	34.2	112.2	2950	13.0
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Distribution Curve





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