AQ - 5DN

½” BSP/NPT Male & Female Thread

This Low flow agricultural double nozzle impact sprinkler is designed with a ½” male connection and constructed from durable brass and stainless steel. It features twin nozzles at a trajectory of 25°, along with high-resistance rotating joints for smooth operation. Rotation time is constant and continuous, with the Range nozzle covering a larger area while the Spray nozzle ensures a higher distribution uniformity.



HIGHLIGHTS

- Ideal for agricultural row crops or landscape applications which are irrigated by overhead irrigation on solid set systems (Portable or permanent).
- Available in ½" BSP/NPT Male threaded connection.
- **Long Range:** Nozzle size above 3.17mm with stream straightening vane for longer range.
- **Durability:** Heavy duty brass used for body, arm, nut, tube and nozzles while pivot pin and springs made of stainless steel.

TECHNICAL DATA

- Recommended Pressure 1.0 - 3.0 kg/cm^2 or 15 - 45Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 25^0



Performance Table (AQ - 5DN)

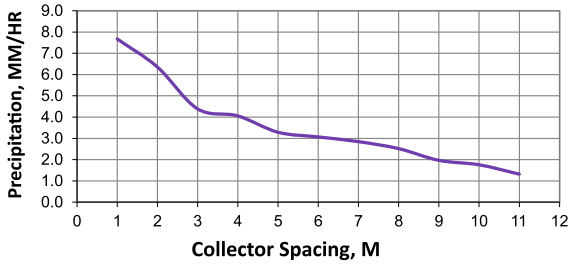
Nozzle Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm²	PSI	mtr	ft	LPH	GPM
3.17 x 2.5	5/64"	1	14	19.0	62.3	690	3.0
		1.5	21	20.0	65.6	840	3.7
		2	28	21.0	68.9	960	4.2
		2.5	36	21.5	70.5	1090	4.8
		3	43	22.0	72.2	1200	5.3
3.57 x 2.5	3/32"	1	14	20.0	65.6	750	3.3
		1.5	21	21.5	70.5	910	4.0
		2	28	22.0	72.2	1045	4.6
		2.5	36	23.5	77.1	1200	5.3
		3	43	24.0	78.7	1290	5.7
3.96 x 2.5	7/64"	1	14	21.0	68.9	900	4.0
		1.5	21	22.5	73.8	1090	4.8
		2	28	24.0	78.7	1240	5.5
		2.5	36	24.4	80.0	1410	6.2
		3	43	25.0	82.0	1550	6.8

* 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)
9 x 9	90%	88%	1.1	12.9
10 x 10	92%	87%	1.2	10.5
11 x 11	88%	81%	1.3	8.6
12 x 12	88%	83%	1.2	7.3

Nozzle Size: 3.57x2.5mm | Pressure: 2.0 kg/cm²

Distribution Curve





Male Threaded



Female Threaded

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