

AQ - 40G (Penguin)

1¼" Water Guns



Features

- Available in 1¼" BSP/NPT Female threaded.
- Aluminium Pressure die casted Body and arm.
- Heavy duty brass nut, tube, nozzles & Diffusor Screw.
- Stainless Steel Pivot Pin, springs, Nut and bolt.
- Plastic parts made of engineering plastic for durability.
- Available both Full Circle & Part-circle design.
- Jet breaker screw to change the water jet from heavy droplets to fine spray.
- Recommended Pressure 2.0 - 5.0 kg/cm² or 30 - 70Psi
- Recommended spacing up to 30m for higher distribution uniformity.
- Trajectory Angle: 30°

Application

- Suitable for Overtree irrigation for bigger crops like sugarcane, oats, maize etc., tea, coffee, fodder, landscape and horticultur also for pastures & dust suppression.
- It can be applied to all kind of land and cultivation.
- Designed for both full field and irrigation of field edges.

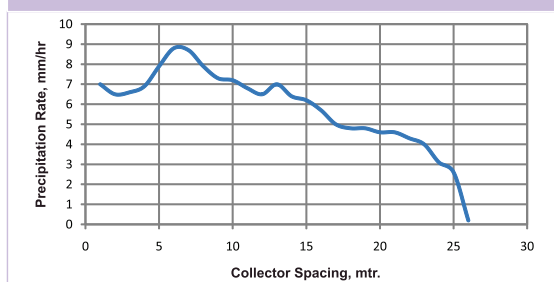
Performance Table

Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm ²	Psi	mtr.	ft.	LPM	GPM
10 x 4	2	28.44	38	124.64	106	28.00
	3	42.66	42	137.76	130	34.34
	4	56.88	45	147.60	151	39.88
	5	71.10	47	154.16	170	44.90
12 x 4	2	28.44	42	137.76	149	39.36
	3	42.66	47	154.16	182	48.07
	4	56.88	52	170.56	211	55.73
	5	71.10	56	183.68	236	62.33
14 x 4	2	28.44	45	147.60	197	52.03
	3	42.66	48	157.44	241	63.66
	4	56.88	54	177.12	278	73.43
	5	71.10	58	190.24	311	82.14

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

Nozzle Size: 12 x 4mm Pressure: 4.0kg/cm²

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
24.0 x 24.0	90%	86%	1.2	21.98
27.0 x 27.0	85%	78%	1.6	17.37
30.0 x 30.0	88%	79%	1.8	14.07

