

# AQ - 40M

Big Sprinkler



## Features

- Available in 1¼" BSP/NPT male threaded.
- Light in weight, robust and reliable design.
- Aluminium Pressure die casted Body and arm.
- Heavy duty brass nut, tube and nozzles.
- Stainless steel pivot pin and springs.
- Plastic parts made of engineering plastic for durability.
- Recommended Pressure 2.5 - 5.0 kg/cm<sup>2</sup> or 35 - 70Psi
- Recommended spacing up to 24m for higher distribution uniformity.
- Trajectory Angle: 22°

## Application

- Suitable for Overtree irrigation of tea, coffee plantation, fodder crops and horticulture also for pastures.
- It can be applied to all kind of land and cultivation.

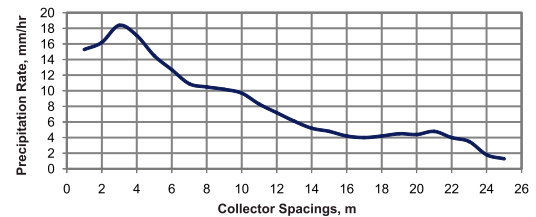
## Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
9.53 x 5.55	3/8" x 7/32"	2.5	35.55	39	127.92	120.7	31.88
		3.5	49.77	42	137.76	129.2	34.13
		4.5	63.99	47.2	154.82	145.6	38.46
		5	71.1	48.2	158.10	153.5	40.54
10.32 x 5.55	13/32" x 7/32"	2.5	35.55	43	141.04	155.3	41.02
		3.5	49.77	46	150.88	165.2	43.63
		4.5	63.99	50.4	165.31	183	48.34
		5	71.1	52.4	171.87	192.6	50.87
12.70 x 6.35	1/2" x 1/4"	2.5	35.55	45	147.60	218.4	57.69
		3.5	49.77	49	160.72	243.3	64.26
		4.5	63.99	54.2	177.78	259.8	68.62
		5	71.1	56	183.68	275.6	72.79
13.49 x 6.35	17/32" x 1/4"	2.5	35.55	48	157.44	239.4	63.23
		3.5	49.77	52	170.56	271.5	71.71
		4.5	63.99	55.8	183.02	286.6	75.70
		5	71.1	58	190.24	302.2	79.82

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

Nozzle Size: 10.32 x 5.55mm Pressure: 5.0kg/cm<sup>2</sup>

## Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
18.0 x 18.0	88%	80%	1.4	35.7
21.0 x 21.0	90%	85%	1.3	26.2
24.0 x 24.0	90%	84%	1.3	20.1

