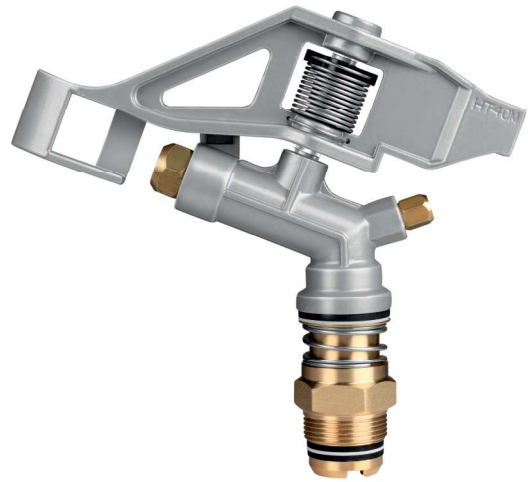


AQ - 40M

Overhead Aluminium Sprinkler

Lightweight and Efficient Sprinkler for Over-Tree Irrigation

Designed for efficient over-tree irrigation of tea, coffee plantations, fodder crops, pastures, and horticulture, the AQ-40M Heavy Flow Overhead Aluminium Sprinkler offers a durable and reliable solution.



HIGHLIGHTS

- Made from aluminium for a lightweight yet robust design, reducing installation and maintenance efforts.
- Heavy-duty brass nut, tube, and nozzles ensure efficient and uniform water distribution.
- Stainless steel pivot pin and springs, along with engineering plastic parts, provide long-lasting performance.

TECHNICAL DATA

- Recommended operating pressure of 2.5-5.0 kg/cm² (35-70 psi) for efficient water delivery.
- Recommended spacing up to 24m (80ft) for optimal distribution uniformity across large areas.
- Trajectory angle 22° for precise water application to trees and crops.



Performance Table (AQ - 40M)

Nozzle Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm ²	PSI	mtr	ft	m ³ /hr	GPM
9.53 x 5.55	3/8" x 7/32"	2.5	36	39.0	127.9	7.2	31.9
		3.5	50	42.0	137.8	7.8	34.1
		4.5	64	47.2	154.8	8.7	38.5
		5	71	48.2	158.1	9.2	40.6
10.32 x 5.55	13/32" x 7/32"	2.5	36	43.0	141.0	9.3	41.0
		3.5	50	46.0	150.9	9.9	43.6
		4.5	64	50.4	165.3	11.0	48.3
		5	71	52.4	171.9	11.6	50.9
12.70 x 6.35	1/2" x 1/4"	2.5	36	45.0	147.6	13.1	57.7
		3.5	50	49.0	160.7	14.6	64.3
		4.5	64	54.2	177.8	15.6	68.6
		5	71	56.0	183.7	16.5	72.8
13.49 x 6.35	17/32" x 1/4"	2.5	36	48.0	157.4	14.4	63.2
		3.5	50	52.0	170.6	16.3	71.7
		4.5	64	55.8	183.0	17.2	75.7
		5	71	58.0	190.2	18.1	79.8

* 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)
18.0 x 18.0	91%	85%	1.2	22.3
21.0 x 21.0	92%	88%	1.2	16.4
24.0 x 24.0	89%	84%	1.2	12.6

Nozzle Size: 9.53x5.55 mm | Pressure: 2.5 kg/cm²

