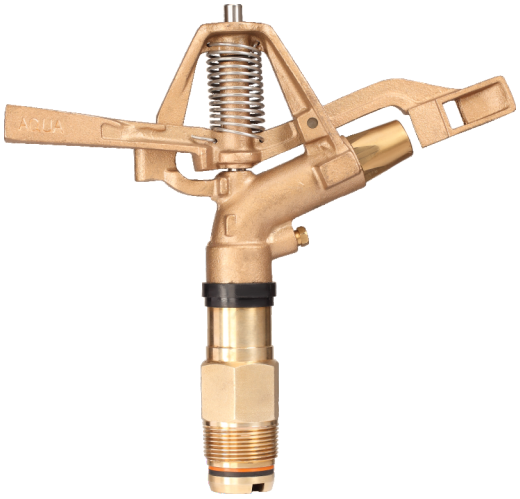
AQ - 40B

1¼” BSP/NPT Male Threaded



Versatile Sprinkler for Large-Scale Irrigation
Designed for efficient irrigation for wide range of applications, the AQ-40B Overhead Sprinkler offers a robust and reliable solution.

- Suitable for agricultural irrigation, horticultural plantations, cereals, tubers, leguminous plants, and fruit trees.
- This sprinkler excels in large-scale applications like hose reel systems, water reclamation, waste water treatment, mining, and dust control

HIGHLIGHTS

- Threaded Connection: 1¼” BSP/NPT Male Threaded
- Versatile Sprinkler for Large-Scale Irrigation.
- Advanced mechanical and hydraulic design ensures optimal water distribution and significant energy savings.
- Heavy-duty bronze body and arm, combined with brass nut, tube, and nozzles, provide long-lasting performance.
- Stainless steel pivot pin and springs offer durability and resistance to corrosion.
- Cap-protected bearing assembly ensures longevity and smooth operation.

TECHNICAL DATA

- Connection Size: 1¼” BSP/NPT male Threaded.
- Recommended operating pressure of 3.5-6.0 kg/cm^2 (50-85 psi) for efficient performance.
- Recommended spacing up to 30m (100ft) for optimal distribution uniformity across large areas.
- Multiple Trajectory Angles available for flexibility in water distribution.
  - 23° trajectory angle for precise water application to crops.
  - 18° trajectory model available for center pivot end.



Performance Table (AQ - 40B)

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"	4	57	45.4	148.9	8.3	36.7
		4.5	64	47.2	154.8	8.7	38.5
		5	71	48.4	158.8	9.2	40.6
		5.5	78	50.3	165.0	9.7	42.9
		6	85	52.2	171.2	10.3	45.1
10.32 x 5.55	13/32" x 7/32"	4	57	48.2	158.1	10.5	46.2
		4.5	64	50.1	164.3	11.0	48.3
		5	71	52.6	172.5	11.6	50.9
		5.5	78	54.8	179.7	12.1	53.2
		6	85	56.0	183.7	12.8	56.4
12.7 x 6.35	1/2" x 1/4"	4	57	52.0	170.6	14.8	65.3
		4.5	64	54.0	177.1	15.6	68.6
		5	71	56.2	184.3	16.5	72.8
		5.5	78	58.0	190.2	16.8	74.1
		6	85	60.0	196.8	18.1	79.6
15.87 x 6.35	5/8" x 1/4"	4	57	56.0	183.7	20.7	91.3
		4.5	64	58.4	191.6	21.7	95.7
		5	71	60.6	198.8	23.5	103.6
		5.5	78	63.0	206.6	24.7	108.6
		6	85	65.4	214.5	25.9	114.2

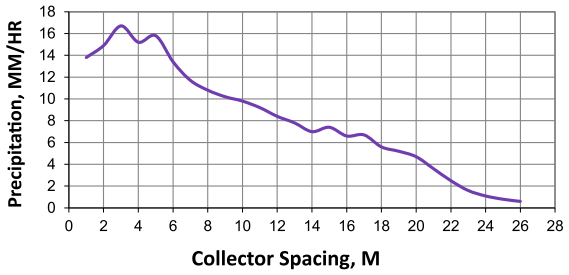
*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

- Tested at 100cm (3ft.) height above the ground.

Spacing (m)	CU (%)	DU (%)	SC	PR (mm/hr)
21.0 x 21.0	95%	92%	1.1	26.2
24.0 x 24.0	92%	88%	1.2	20.1
27.0 x 27.0	95%	93%	1.1	15.9
30.0 x 30.0	94%	91%	1.1	12.8

Nozzle Size : 10.32x5.55mm | Pressure: 5.0 kg/cm^2

Distribution Curve



Creating a Green World®