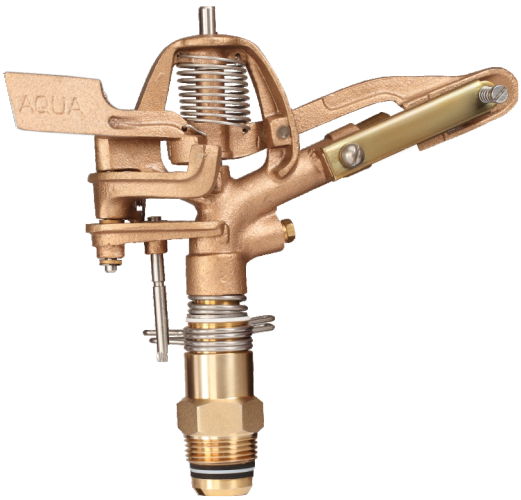
AQ - 30BPC

1” BSP/NPT Male & Female Thread

The AQ-30 BPC is a robust sprinkler designed for overhead systems. Engineered with a durable bronze body, heavy-duty brass components, and stainless steel pivot mechanisms, this sprinkler ensures reliable performance in both agricultural and industrial settings. Its design ensures uniform water distribution, providing effective coverage over large areas while withstanding various environmental conditions.



HIGHLIGHTS

- Threaded Connections: Available in 1" BSP/NPT male and female threaded configurations.
- Durable Construction: Bronze body and arm with strong part circle components.
- Heavy-Duty Design: Incorporates brass nuts, tubes, nozzles, and a spreader arm for enhanced durability.
- Precision Adjustment: Stainless steel pivot pin and part circle changing pin for precise irrigation control.

TECHNICAL DATA

- Connection Size: 1" BSP/NPT male/female threaded
- Material: Bronze body with brass nuts and stainless steel pivot pin
- Operating Pressure Range: 2.5 - 5.0 kg/cm^2 (35 - 70 psi)
- Maximum Spacing: Up to 21 meters (70 feet)
- Trajectory Angle: 23°



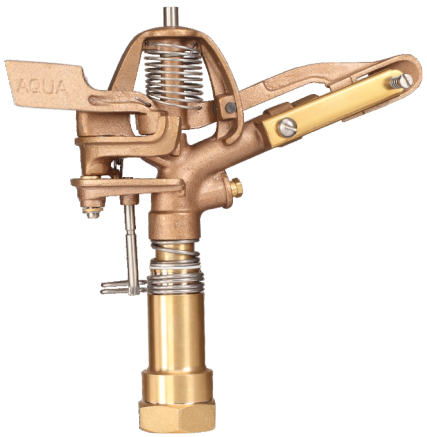
Performance Table (AQ-30BPC)

Nozzle Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm²	PSI	mtr	ft	m³/hr	GPM
6.35 x 3.17	1/4" x 1/8"	2.5	36	30.8	101.0	3.1	13.5
		3	43	31.4	103.0	3.4	14.8
		3.5	50	32.0	105.0	3.6	15.7
		4	57	33.8	110.9	3.8	16.7
		4.5	64	35.2	115.5	4.0	17.8
		5	71	36.6	120.0	4.3	18.8
7.14 x 3.17	9/32" x 1/8"	2.5	36	32.8	107.6	3.6	15.7
		3	43	34.0	111.5	3.9	17.3
		3.5	50	34.8	114.1	4.2	18.3
		4	57	35.4	116.1	4.5	19.6
		4.5	64	36.6	120.0	4.8	21.0
		5	71	37.8	124.0	5.0	22.1
7.94 x 3.17	5/16" x 1/8"	2.5	36	34.4	112.8	4.2	18.5
		3	43	35.2	115.5	4.5	19.9
		3.5	50	36.0	118.1	4.8	21.1
		4	57	37.0	121.4	5.2	22.8
		4.5	64	38.2	125.3	5.6	24.4
		5	71	39.6	129.9	5.8	25.7
8.73 x 3.17	11/32" x 1/8"	2.5	36	35.4	116.1	4.7	20.8
		3	43	36.4	119.4	5.1	22.5
		3.5	50	37.6	123.3	5.4	23.8
		4	57	38.8	127.3	5.9	25.8
		4.5	64	40.0	131.2	6.1	27.1
		5	71	41.8	137.1	6.6	28.9

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

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

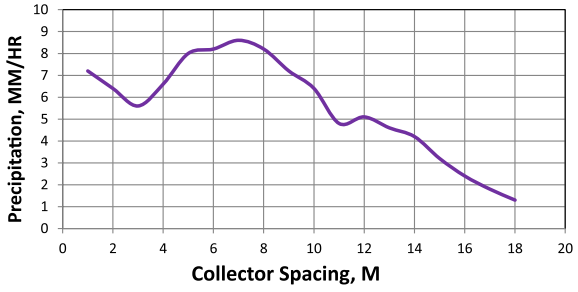
Spacing (m)	CU (%)	DU (%)	SC	PR (mm/hr)
R15 x 15	91%	86%	1.2	19.8
R18 x 18	87%	77%	1.4	13.7
R21 x 21	87%	75%	1.7	10.1



Female Thread

Nozzle Size: 7.14 x 3.17 | Pressure: 4.0 kg/cm²

Distribution Curve



Creating a Green World®