AQ - 30P

1” BSP/NPT Female Thread

This general Irrigation plastic sprinkler is designed for versatile use across all types of crops which need overhead irrigation. It comes with a 1" BSP/NPT female threaded connection and a recommended spacing of up to 18 meters (60 feet) to ensure high distribution uniformity. Furthermore, it is available with both brass and plastic threaded nozzles, and is equipped with an integrated stream straightening vane for extended range and coverage ensuring long-lasting performance in demanding agricultural environments.



HIGHLIGHTS

- **Versatile Overhead Sprinklers:** Available in 1" BSP/NPT Female threaded connection
- **Uniform Water Distribution:** Recommended spacing up to 18m (60ft)
- Available with both Brass and Plastic threaded nozzles.
- Sprinkler comes with an integrated stream straightening vane for longer range and good irrigation even in windy conditions.
- MS weight, inserted in the arm eliminates arm vibration, ensures smooth rotation with good impact.
- **Durability:** Manufactured with High impact heavy-duty plastic materials for good resistance to corrosion and radiation.

TECHNICAL DATA

- Pressure range: 2 - 5 kg/cm^2 (28.4 - 71.1 psi.)
- Flow rate range: 3350 - 7790 Ltr/h (14.7 - 34.3 GPM.)
- Diameter of coverage: 32.0 - 40.2 Mtr. (105 - 131.9ft.)
- Trajectory Angle: 25^0



Performance Table (AQ-30P)

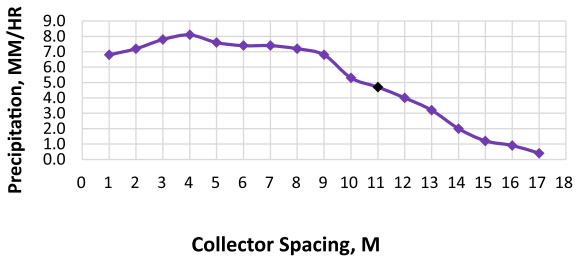
Nozzle Colour & Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm²	PSI	mtr	ft	LPH	GPM
6.5 x 4.5	1/4" x 11/64"	2	28	32.0	105.0	3350	14.7
		3	43	33.2	108.9	4056	17.8
		4	57	34.2	112.2	4750	20.9
		5	71	35.6	116.8	5270	23.2
7.0 x 4.5	9/32" x 11/64"	2	28	33.2	108.9	3680	16.2
		3	43	34.0	111.5	4570	20.1
		4	57	36.4	119.4	5330	23.4
		5	71	38.0	124.7	5810	25.5
8.0 x 5.5	5/16" x 7/32"	2	28	34.4	112.9	4950	21.8
		3	43	36.0	118.1	6110	26.9
		4	57	38.2	125.3	6920	30.4
		5	71	40.2	131.9	7790	34.3

- 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)
15 x 15	90%	85%	1.3	16.5
16 x 16	89%	83%	1.4	14.5
17 x 17	89%	82%	1.5	12.9
18 x 18	90%	83%	1.5	11.5

Nozzle Size: 7.0x4.5 | Pressure: 3.0kg/cm²

Distribution Curve





With Plastic Nozzle



With Brass Nozzle

Creating a Green World®