AQ - 30PM

1” BSP/NPT Female Thread

The AQ-30PM Double Arm plastic sprinkler is ideal for irrigation of crops that require medium to high water discharge. It is especially recommended for horticultural plantations, leguminous plants, fruit trees, and field crops such as tuberous vegetables, pulses, oil seeds, sugarcane, tea, coffee, cereals, and fodder. Featuring a highly energy-efficient double arm design, this sprinkler ensures superior water distribution uniformity. Constructed from heavy-duty plastic, the AQ-30PM provides excellent corrosion resistance and long-lasting performance.



HIGHLIGHTS

- **Excellent Design:** high discharge sprinkler energy- efficient double arm for higher distribution uniformity
- Bridge free plastic impact sprinkler designed to operate efficiently and smoothly with High resistance to wind and drift.
- Covered spring assembly protects it from external damage.
- Available in 1" BSP/NPT Female threaded connection
- **Uniform Water Distribution:** Recommended spacing up to 18m (60ft)
- **Convenient Maintenance:** 5 Colour coded bayonet nozzles specifically designed with spreader screws for excellent water distribution uniformity and easy service in the field.
- **Durability:** Manufactured with heavy duty plastic for high durability and corrosion resistance.

TECHNICAL DATA

- Pressure range : 1 - 3 kg/cm^2 (14 - 43 psi.).
- Flow rate range : 1255 - 4450 l/h (5.4 - 19.6 gpm.)
- Dia meter of coverage : 21.5 - 35.5 mtr. (70.5 -116.4 ft.)
- Trajectory Angle : 30^0



Performance Table (AQ-30PM)

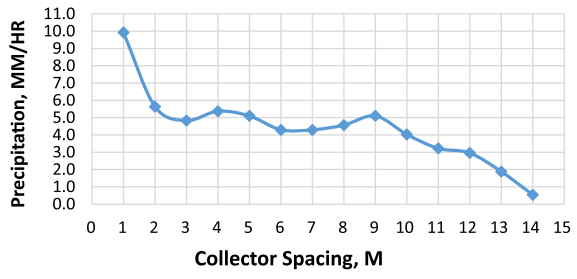
Nozzle Colour & Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm²	PSI	mtr	ft	LPH	GPM
4.2 Green x 3.8 Blue	21/128" Green x 19/128" Blue	1.0	14	21.5	70.5	1225	5.4
		1.5	21	24.5	80.4	1500	6.6
		2.0	28	27.0	88.6	1725	7.6
		2.5	36	27.5	90.2	1930	8.5
		3.0	43	28.5	93.5	2125	9.3
5.0 Black x 3.8 Blue	13/64" Black x 19/128" Blue	1.0	14	22.0	72.2	1500	6.6
		1.5	21	25.5	83.7	1850	8.1
		2.0	28	27.5	90.2	2125	9.3
		2.5	36	28.0	91.9	2375	10.4
		3.0	43	29.0	95.1	2600	11.4
5.0 Black x 4.2 Green	13/64" Black x 21/128" Green	1.0	14	22.5	73.8	1625	7.1
		1.5	21	26.0	85.3	2000	8.8
		2.0	28	28.0	91.9	2300	10.1
		2.5	36	28.5	93.5	2575	11.3
		3.0	43	29.5	96.8	2800	12.3
6.0 Purple x 3.8 Blue	15/64" Purple x 19/128" Blue	1.0	14	24.0	78.7	1925	8.5
		1.5	21	27.5	90.2	2350	10.3
		2.0	28	29.5	96.8	2725	12.0
		2.5	36	30.0	98.4	3050	13.4
		3.0	43	31.0	101.7	3335	14.7
6.0 Purple x 4.2 Green	15/64" Purple x 21/128" Green	1.0	14	24.5	80.4	2050	9.0
		1.5	21	28.0	91.9	2500	11.0
		2.0	28	30.0	98.4	2900	12.8
		2.5	36	30.5	100.1	3235	14.2
		3.0	43	31.5	103.3	3550	15.6
7.0 Brown x 4.2 Green	9/32" Brown x 21/128" Green	1.0	14	25.0	82.0	2575	11.3
		1.5	21	29.0	95.1	3150	13.9
		2.0	28	32.5	106.6	3625	16.0
		2.5	36	34.0	111.5	4050	17.8
		3.0	43	35.5	116.4	4450	19.6

- 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)
12 x 12	91%	89%	1.1	16.0
12 x 15	86%	78%	1.4	12.8
15 x 15	85%	80%	1.3	10.2
15 x 18	87%	85%	1.2	10.6
12 x 18	87%	78%	1.5	8.5
18 x 18	84%	74%	1.3	7.1

Nozzle Size : 5.0x4.2mm | Pressure : 2.0 kg/cm²

Distribution Curve




Double Spreader Arm


Nozzle with Spreader Screw

Creating a Green World®