AQ - 46PC

¾” BSP/NPT Male Thread

The AQ-46PC is a ¾” part circle impact sprinkler for Efficient irrigation of field edges / turf application. Equipped with nozzles with integrated stream straightening vane for longer range and high water distribution uniformity.



HIGHLIGHTS

- **Adjustable part-circle arc control:** Ranging from 25 Degree to 335 Degree, allows coverage for specific parts without spraying areas that do not need water.
- **Uniform Water Distribution:** Ensures even coverage, with a spray reach of up to 15 meters, making it suitable for a wide range of applications.
- **Convenient Maintenance:** Equipped with color-coded bayonet nozzles for easier identification, cleaning, and service.
- **Durability:** Constructed from heavy-duty, high-impact plastic that resists corrosion, chemicals, and radiation, ensuring a long lifespan and reducing replacement costs.
- *Brass threaded Nozzle (AQ-46PCB) Model also Available.

TECHNICAL DATA

- Pressure range : 2 - 4 kg/cm^2 (28 - 57 PSI)
- Flow rate range : 1138 - 2648 l/h (5.0 - 11.6 GPM)
- Diameter of coverage : 25.0 - 29.5 mtr (82 - 96.8ft.)
- Trajectory Angle: 25^0



Performance Table (AQ-46PC)

Nozzle Colour & Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm²	PSI	mtr	ft	LPH	GPM
3.96 Green x 2.38	5/32" Green x 3/32"	2	28	25.0	82.0	1138	5.0
		2.5	36	26.0	85.3	1284	5.6
		3	43	27.5	90.2	1405	6.2
		3.5	50	27.5	90.2	1518	6.7
		4	57	28.0	91.9	1647	7.2
4.36 Grey x 2.38	11/64" Grey x 3/32"	2	28	25.5	83.7	1304	5.7
		2.5	36	27.0	88.6	1470	6.5
		3	43	28.0	91.9	1611	7.1
		3.5	50	28.0	91.9	1740	7.7
		4	57	28.5	93.5	1866	8.2
4.76 Yellow x Plug	3/16" Yellow x Plug	2	28	26.0	85.3	1136	5.0
		2.5	36	27.5	90.2	1287	5.7
		3	43	28.5	93.5	1410	6.2
		3.5	50	29.0	95.1	1520	6.7
		4	57	29.5	96.8	1700	7.5
4.76 Yellow x 3.17	3/16" Yellow x 1/8"	2	28	26.0	85.3	1699	7.5
		2.5	36	27.5	90.2	1934	8.5
		3	43	28.5	93.5	2116	9.3
		3.5	50	29.0	95.1	2288	10.1
		4	57	29.5	96.8	2449	10.8
5.1 Black x 3.17	13/64" Black x 1/8"	2	28	27.0	88.6	1863	8.2
		2.5	36	28.0	91.9	2108	9.3
		3	43	28.5	93.5	2309	10.2
		3.5	50	29.5	96.8	2495	11.0
		4	57	29.5	96.8	2648	11.6

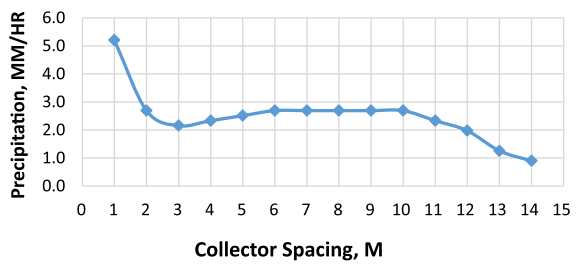
- Performance is based on ideal conditions of temperature, wind velocity and humidity.
- Tested at 100cm(3ft.) height above the ground.

Rear Nozzle :
2.38mm (3/32") - Yellow colour
3.17mm(1/8") - Black colour
Plug - Black Colour

Spacing (m)	CU	DU	SC	PR (mm/hr)
12 x 12	93%	90%	1.1	9.8
12 x 15	87%	79%	1.3	7.8
15 x 15	85%	78%	1.3	6.3

Nozzle Size : 4.76xPlug | Pressure : 3.0 kg/cm²

Distribution Curve



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