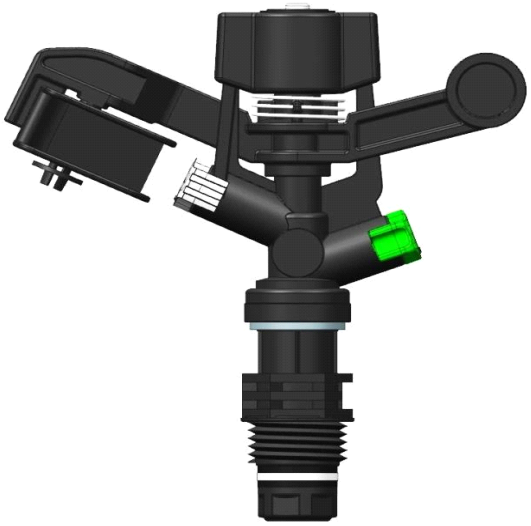
New

AQ - 22W

½” BSP/NPT Male Thread

The AQ-22W Impact Sprinkler is a highly efficient plastic impact sprinkler designed specifically for irrigation and crop germination, for vegetables, flowers, and nursery plants. Available in ½” Male connection size with multiple nozzle sizes, the AQ-22W is versatile sprinkler designed for precision, durability, and ease of use.



HIGHLIGHTS

- **Uniform Water Distribution:** Ensures even coverage with single or dual nozzles, of area up to 14 meter, making it suitable for a wide range of applications.
- **Reduced Clogging:** Specially designed to resist clogging, enhancing reliability in various soil conditions.
- **High Wind Resistance:** Maintains performance even in windy environments, ensuring uninterrupted irrigation.
- **Efficient Germination:** Ideal for short irrigation cycles, tailored to promote efficient germination processes.
- **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.

TECHNICAL DATA

- Pressure range : 1 - 3 kg/cm^2 (14 - 43 psi.)
- Flow rate range : 294 - 635 l/h (1.3 - 2.8 gpm.)
- Diameter of coverage : 17.5 - 22 mtr (57.4 -68.9 ft.)
- AQ-22W: Trajectory Angle: 24^0



Performance Table (AQ-22W)

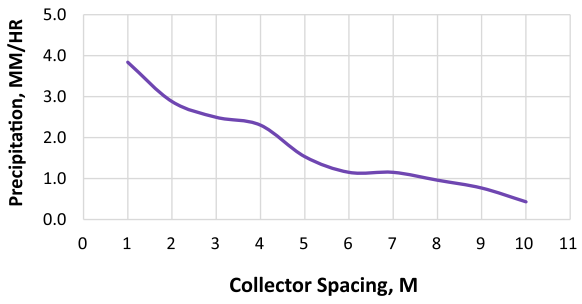
Nozzle Colour & Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm²	PSI	mtr	ft	LPH	GPM
2.0 White x 1.8	5/64" White x 9/128"	1	14	17.5	57.4	294	1.3
		1.5	21	19.5	64.0	348	1.5
		2	28	20.5	67.2	405	1.8
		2.5	36	21	68.9	450	2.0
		3	43	21	68.9	495	2.2
2.2 Brown x 1.8	11/128" Brown x 9/128"	1	14	18.5	60.7	309	1.4
		1.5	21	20	65.6	378	1.7
		2	28	21	68.9	435	1.9
		2.5	36	21	68.9	486	2.1
		3	43	21.5	70.5	528	2.3
2.5 Purple x 1.8	13/128" Purple x 9/128"	1	14	18.5	60.7	370	1.6
		1.5	21	21	68.9	450	2.0
		2	28	21.5	70.5	520	2.3
		2.5	36	21.5	70.5	580	2.6
		3	43	22	72.2	635	2.8

Performance is based on ideal conditions of temperature, wind velocity and humidity.
Tested at 100cm (3ft.) height above the ground.
Rear Nozzle : 1.8 mm (9/128") - Green colour

Spacing (m)	CU	DU	SC	PR (mm/hr)
09 x 09	94%	91%	1.1	5.4
10 x 10	91%	84%	1.2	4.4
11 x 11	89%	80%	1.2	3.6
10 x 12	89%	80%	1.3	3.7
12 x 12	89%	81%	1.2	3.1

Nozzle Size : 2.2 x 1.8mm | Pressure : 2.0 kg/cm²

Distribution Curve



Creating a Green World®