Aquafly

AQ-220

The AQ 220 is a high-volume, low-pressure plastic micro sprinkler, ideal for overhead irrigation of water-intensive crops like ginger, onions, potatoes, and opium flowers. It is designed for crops requiring higher water volumes and offers versatility with 5 different nozzle sizes, providing a wide range of flow rates and coverage options to suit various irrigation needs. The AQ 220 ensures efficient water distribution, making it a reliable choice for diverse agricultural applications.



HIGHLIGHTS

- **Innovative Design:** Unique design bridge that swivels to eliminate dry patches in the field.
- **Excellent Uniformity:** Rotor designed with 2-way water distribution tunnels for good distribution uniformity.
- **Quality Product:** Manufactured from high-quality materials, this sprinkler is built to last.
- **Multiple Nozzle Sizes**: Available in 5 different color-nozzles which allows for easy identification of different flow rates and wetted diameter.
- 1/2" male threaded connection.

TECHNICAL DATA

- Range of operating pressure: 1.0 - 3.0 kg/cm^2 (14 - 43 psi)
- Flow rate range: 235 - 1035 LPH (1.0 - 4.6 GPM)
- Wetted diameter range: 10.5 - 14.0m (34 - 46 ft.)
- Recommended spacing 6x6m (20x20 ft.)
- Recommended filtration: 120mesh



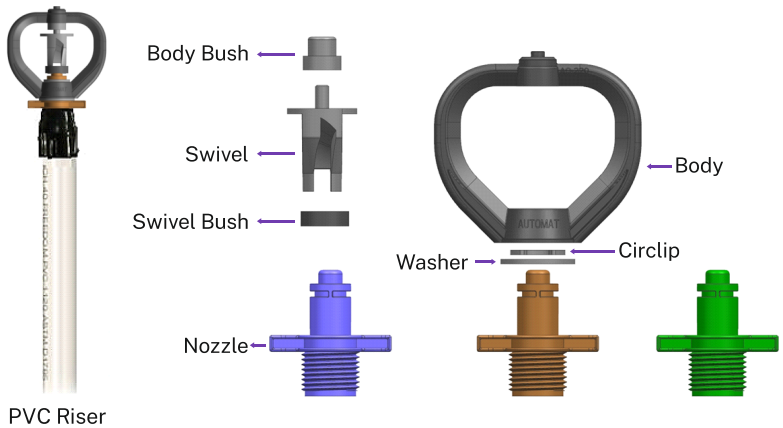
Performance Table

Nozzle Size & Colour	Pressure		Flow Rate		Wetted Diameter		Precipitation rate (mm/hr.) Rectangular spacing (m)		
mm / inch	kg/cm^2	psi	LPH	GPM	mtr.	ft.	4.0 x 4.0	5.0 x 5.0	6.0 x 6.0
2.5mm / 3/32" Purple	1.0	14	235	1.0	10.5	34.4	14.7	9.4	6.5
	1.25	18	265	1.2	11.0	36.1	16.6	10.6	7.4
	1.5	21	290	1.3	11.5	37.7	18.2	11.6	8.1
	2.0	28	335	1.5	12.0	39.4	21	13.5	9.3
	2.5	36	375	1.6	12.5	41.0	23.4	15	10.4
	3.0	43	410	1.8	13.0	42.7	25.6	16.4	11.4
2.8mm / 7/64" Brown	1.0	14	300	1.3	11.0	36.1	18.7	12	8.3
	1.25	18	335	1.5	11.5	37.7	20.9	13.4	9.3
	1.5	21	365	1.6	12.0	39.4	22.8	14.6	10.1
	2.0	28	425	1.9	12.5	41.0	26.6	17.1	11.8
	2.5	36	470	2.1	12.5	41.0	29.3	18.8	13.0
	3.0	43	515	2.3	13.0	42.7	32.2	20.6	14.3
3.2mm / 1/8" Green	1.0	14	390	1.7	11.5	37.7	24.4	15.6	10.8
	1.25	18	435	1.9	12.0	39.4	27.2	17.4	12.1
	1.5	21	480	2.1	12.5	41.0	29.9	19.1	13.3
	2.0	28	550	2.4	13.0	42.7	34.5	22.1	15.3
	2.5	36	620	2.7	13.0	42.7	38.7	24.7	17.2
	3.0	43	675	3.0	13.5	44.3	42.2	27	18.7
3.5mm / 9/64" Blue	1.0	14	465	2.0	12.0	39.4	29.1	18.6	12.9
	1.25	18	520	2.3	12.5	41.0	32.5	20.8	14.4
	1.5	21	570	2.5	13.0	42.7	35.6	22.8	15.8
	2.0	28	660	2.9	13.5	44.3	41.2	26.4	18.3
	2.5	36	740	3.3	13.5	44.3	46.4	29.7	20.6
	3.0	43	810	3.6	13.5	44.3	50.7	32.5	22.5
3.96mm / 5/32" Orange	1.0	14	595	2.6	12.5	41.0	37.2	23.8	16.5
	1.25	18	670	2.9	13.0	42.7	41.9	26.8	18.6
	1.5	21	730	3.2	13.5	44.3	45.7	29.2	20.3
	2.0	28	845	3.7	13.5	44.3	52.9	33.9	23.5
	2.5	36	945	4.2	14.0	45.9	59	37.8	26.2
	3.0	43	1035	4.6	14.0	45.9	64.7	41.4	28.7

*Tested in Ideal laboratory conditon of temperature, wind and Humidity.
*Riser Height -50cm (1.5 ft.)

CDU < 75%	75% ≤ CDU < 80%	80% ≤ CDU < 85%	85% ≤CDU < 90%	CDU≥90%

Aquafly Assembly



Creating a Green World®