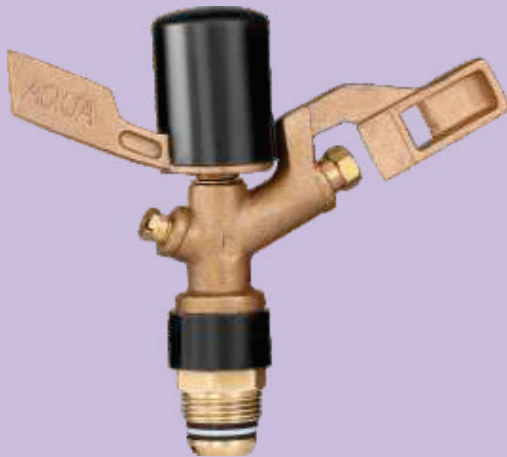


AQ - 20AF

Overhead Sprinkler



Features

- 3/4" BSP/NPT male threaded.
- Durable Bronze body and arm.
- Heavy duty Brass Nut & Tube.
- Stainless Steel Pivot Pin, Springs.
- Bridge less body design for non accumulation of ice on sprinkler.
- Specially designed SS spring for fast rotation to prevent ice formation on leaves.
- Top and bottom springs protect by cap from ice accumulation.
- Top spring cap and bottom cap made of special material to sustain sub zero temp.
- Recommended Pressure 2.0 - 4.0 kg/cm² or 30 - 55Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 27°

Application

- All crops irrigation suitable by overhead irrigation under frost conditions in vineyards, orchards and vegetables on solid sets.

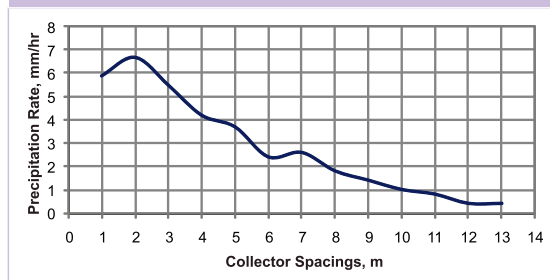
Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm ²	Psi	mtr.	ft.	LPM	GPM
3.96 x Plug	5/32" x Plug	2	28.44	21.2	69.54	13.8	3.65
		2.5	35.55	22.6	74.13	15.6	4.12
		3	42.66	24	78.72	17.4	4.6
		3.5	49.77	25.2	82.66	19.2	5.07
		4	56.88	26.4	86.59	20.1	5.31
3.96 x 2.38	5/32" x 7/64"	2	28.44	21.2	69.54	22.9	6.05
		2.5	35.55	22.6	74.13	24.9	6.58
		3	42.66	24	78.72	27.4	7.24
		3.5	49.77	25.2	82.66	29.5	7.79
		4	56.88	26.4	86.59	31.7	8.37
4.36 *3.17	11/64" x 1/8"	2	28.44	22.8	74.78	24.5	6.47
		2.5	35.55	26	85.28	27.4	7.24
		3	42.66	28	91.84	29.6	7.82
		3.5	49.77	29	95.12	31.8	8.4
		4	56.88	30.2	99.06	24.2	6.39
4.76 *3.17	3/16" x 1/8"	2	28.44	24.2	79.38	27.5	7.26
		2.5	35.55	27.4	89.87	30.6	8.08
		3	42.66	30.4	99.71	33.3	8.8
		3.5	49.77	32.2	105.62	35.9	9.48
		4	56.88	33.8	110.86	38.6	10.2

*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

Nozzle Size: 3.96 x 2.38mm Pressure: 4.0kg/cm²

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
10.0 x 10.0	94%	89%	1.3	19
11.0 x 11.0	91%	84%	1.3	15.7
12.0 x 12.0	93%	90%	1.2	13.2
13.0 x 13.0	95%	93%	1.1	11.3
14.0 x 14.0	93%	88%	1.2	9.7
15.0 x 15.0	89%	83%	1.3	8.5



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