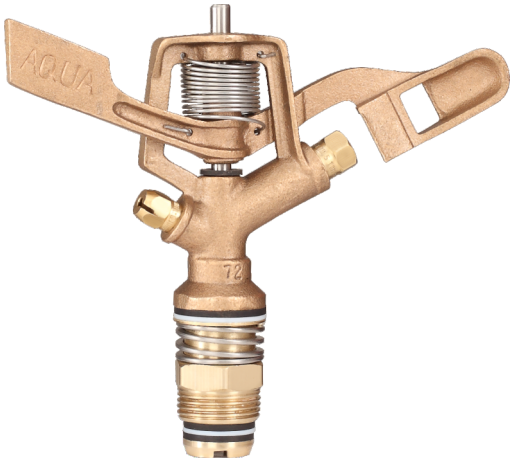
AQ - 20

¾” BSP/NPT Male Thread



This is a general use medium flow ¾” bronze impact sprinkler that is ideal for all types of crops irrigation compatible by overhead irrigation on solid set, permanent set, hard lines, portable lines, wheel lines and mechanically movable systems such as centre pivot irrigation systems.

The sprinkler nozzle has an in built stream straightening vane especially useful for regions where strong winds are prevalent.

HIGHLIGHTS

- Multifaceted agriculture sprinklers
- Multiple nozzle sizes for different water flow rates
- 3/4" BSP/NPT male threaded
- Durable Bronze body and arm (Also available in Brass / Aluminium / Zinc)
- Heavy duty Brass Nut & Tube with stainless steel Pivot pin and springs
- Bearing & Sealing washers are made of material for extended life.

TECHNICAL DATA

- Recommended Pressure 2.0 - 5.0 kg/cm^2 or 30 - 70Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 27^0



Performance Table (AQ-20)

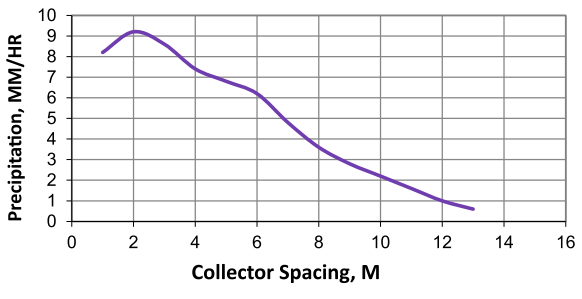
Nozzle Size		Pressure		Coverage Diameter				Flow Rate	
				Without Vane		With Vane			
mm	inch	kg/cm²	PSI	mtr	ft	mtr	ft	LPH	GPM
3.57 x Plug	9/64" x Plug	2	28	20.6	67.6	21.2	69.5	710	3.1
		2.5	36	21.8	71.5	22.0	72.2	790	3.5
		3	43	23.0	75.4	23.6	77.4	865	3.8
		3.5	50	24.4	80.0	25.2	82.7	930	4.1
		4	57	25.6	84.0	26.0	85.3	1000	4.4
		4.5	64	26.2	85.9	26.6	87.2	1045	4.6
		5	71	26.8	87.9	27.4	89.9	1115	4.9
3.96 x 2.38	5/32" x 7/64"	2	28	21.2	69.5	22.8	74.8	1115	4.9
		2.5	36	22.6	74.1	23.2	76.1	1210	5.3
		3	43	24.0	78.7	24.6	80.7	1345	5.9
		3.5	50	25.2	82.7	25.8	84.6	1460	6.4
		4	57	26.4	86.6	27.4	89.9	1590	7.0
		4.5	64	27.0	88.6	27.4	89.9	1760	7.7
		5	71	27.8	91.2	28.2	92.5	1850	8.1
4.36 x 3.17	11/64" x 1/8"	2	28	22.8	74.8	23.4	76.8	1535	6.8
		2.5	36	26.0	85.3	26.6	87.2	1730	7.6
		3	43	28.0	91.8	28.8	94.5	1945	8.6
		3.5	50	29.0	95.1	29.6	97.1	2060	9.1
		4	57	30.2	99.1	31.0	101.7	2200	9.7
		4.5	64	31.0	101.7	31.4	103.0	2350	10.3
		5	71	31.6	103.6	32.2	105.6	2510	11.1
4.76 x 3.17	3/16" x 1/8"	2	28	24.2	79.4	25.2	82.7	1730	7.6
		2.5	36	27.4	89.9	28.2	92.5	1940	8.5
		3	43	30.4	99.7	31.2	102.3	2180	9.6
		3.5	50	32.2	105.6	33.2	108.9	2365	10.4
		4	57	33.8	110.9	34.6	113.5	2530	11.1
		4.5	64	34.4	112.8	35.0	114.8	2730	12.0
		5	71	35.0	114.8	35.4	116.1	2870	12.6
5.15 x 3.17	13/64" x 1/8"	2	28	27.4	89.9	28.2	92.5	2070	9.1
		2.5	36	28.6	93.8	29.4	96.4	2230	9.8
		3	43	30.4	99.7	31.2	102.3	2545	11.2
		3.5	50	32.2	105.6	33.0	108.2	2695	11.9
		4	57	34.6	113.5	35.4	116.1	2870	12.6
		4.5	64	35.4	116.1	36.0	118.1	2990	13.2
		5	71	36.0	118.1	36.6	120.0	3155	13.9

* 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)
9.0 x 9.0	98%	98%	1	24.0
10.0 x 10.0	98%	96%	1.1	19.5
11.0 x 11.0	98%	96%	1.1	16.1
12.0 x 12.0	98%	96%	1	13.5
13.0 x 13.0	98%	96%	1.1	11.5
14.0 x 14.0	96%	94%	1.1	9.9
15.0 x 15.0	92%	87%	1.2	8.6

Nozzle Size: 4.36x3.17 mm | Pressure: 3.0 kg/cm²

Distribution Curve



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