ROTOR NOZZLE GUIDE - SQUARE SPACING

SPACING		FULL CIRCLE	
RADIUS	ROTOR	NOZZLE	GPM
20	351B	18S	1.9/2.0
25	351B	26S	2.8/3.1
25	351B	26M	6.0/6.5
30	351B	30S	3.1/3.2
30	351B	30M	6.2/6.6
35	351B	36S	3.8/4.2
35	500	52	7.7/8.3
40	500	53	10.1/10.8
45	500	54	12.0/12.8
50	500	54	12.0/12.8
55	700	28	19.5/20.9
60	700	32	22.6/24.9
65	700	32	22.6/24.9
70	700	40	28.6/30.8
75	700	40	28.6/30.8
75	900	52	37.1
80	900	52	37.1
85	900	56	43.5
90	900	60	49.5
95	900	64	51.0

FLOW IS GIVEN AT 70/80 PSI - 950's AT 80 PSI

All data is generated from tests conducted in accordance with ASAE Standard S398.1 for at least 30 minutes in zero-wind conditions. Rain Bird recommends the use of SPACE for Windows®, equivalent program or derived performance data to optimize nozzle selection.

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ROTOR NOZZLE GUIDE - SQUARE SPACING

SPACING		PART CIRCLE	
RADIUS	ROTOR	NOZZLE	GPM
20	351B	18S	1.9/2.0
25	351B	26S	2.8/3.1
25	351B	26M	6.0/6.5
30	351B	30S	3.1/3.2
30	351B	30M	6.2/6.6
35	351B	36S	3.8/4.2
35	550	52	7.7/8.3
40	550	53	10.1/10.8
45	550	54	12.0/12.8
50	550	54	12.0/12.8
55	750	28	16.7/17.8
60	750	32	18.3/20.0
65	750	32	18.3/20.0
70	750	40	23.7/26.5
75	750	44	27.9/30.1
75	950	22	30.9
80	950	22	30.9
85	950	28	47.3
90	950	30	50.4

FLOW IS GIVEN AT 70/80 PSI - 950's AT 80 PSI

PRECIPITATION RATE CALCULATIONS

$$\text{SQUARE} = \frac{96.3 \times \text{GPM} \times 360}{\text{S} \times \text{S} \times \text{Sprinkler Arc}}$$

$$\text{SINGLE ROW} = \frac{96.3 \times \text{GPM}}{\text{S} \times .8 \times \text{DIAMETER}}$$

$$\text{TRIANGULAR} = \frac{96.3 \times \text{GPM} \times 360}{\text{S} \times \text{S} \times 0.866 \times \text{Sprinkler Arc}}$$

$$\text{RUN-TIME} = \frac{\text{Desired Application} \times 60}{\text{Precipitation Rate}}$$

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