

SIME ROYAL - NOZZLE RANGE 12 TO 24 mm

Diameter	Pressure		Jet length		Capacity		Values for a single sprinkler		Rectangular pattern of irrigators			Triangular pattern			
							Irrigated area	Rainfall per hour	Distance between 2 continuous pipelines	Irrigated area	Rainfall per hour	Distance between sprinklers	Distance between 2 continuous pipelines	Irrigated area	Rainfall per hour
mm	bar	psi	m	feet	l/min	cu.m/h	sq.m	mm/h	m	sq.m	mm/h	m	m	sq.m	mm/h
14	1.5	22	23	75	150	9	1662	5.4	32	1024	8.8	39	34	1326	6.8
	2	29	25	82	174	10.4	1962	5.3	35	1225	8.5	43	37	1591	6.5
	3	44	29	95	212	12.7	2640	4.8	40	1600	7.9	50	43	2150	5.9
	4	56	32	105	245	14.7	3217	4.5	45	2025	7.3	55	48	2640	5.6
16	2	29	27	89	226	13.5	2289	5.8	38	1444	9.3	46	40	1840	7.3
	3	44	32	105	276	16.5	3217	5.1	45	2025	8.2	55	48	2640	6.3
	4	56	36	118	320	19.2	4069	4.7	50	2500	7.7	62	54	3348	5.7
	5	70	39	128	356	21.3	4775	4.4	54	2916	7.3	67	58	3886	5.5
18	2	29	29	95	286	17.1	2640	6.4	40	1600	10.7	50	43	2150	7.9
	3	44	33	108	350	21	3419	6.1	46	2116	9.9	57	49	2793	7.5
	4	56	37	122	404	24.2	4298	5.6	52	2704	8.9	64	55	3520	6.9
	5	70	41	135	452	27.1	5281	5.1	57	3249	8.3	70	61	4270	6.3
20	2	29	30	99	354	21.2	2826	7.5	42	1764	12	52	45	2340	9
	3	44	35	115	432	25.9	3830	6.7	49	2401	10.8	60	52	3120	8.3
	4	56	39	128	501	30	4775	6.2	54	2916	10.2	67	58	3886	7.7
	5	70	43	141	560	33.6	5808	5.7	60	3600	9.3	74	64	4736	7
22	3	44	37	122	522	31.3	4298	7.2	52	2704	11.6	64	55	3520	8.9
	4	56	41	135	604	36.2	5281	6.8	57	3249	11.1	70	61	4270	8.5
	5	70	45	148	676	40.5	6358	6.3	63	3969	10.2	77	67	5159	7.8
	6	85	48	158	741	44.4	7238	6.1	67	4489	9.9	83	72	5976	7.4



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