

**SIME GEMINI - NOZZLE RANGES 28 TO 50 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	m	mm/h	m	sq.m	mm/h	m	m	sq.m	mm/h
32	5	70	56	184	1602	96.1	9847	9.7	100	5600	17.1	96	84	8064	11.9
	6	85	59	192	1756	105	10930	9.6	106	6254	16.8	102	88	8976	11.7
	7	100	62	202	1892	113	12070	9.3	111	6882	16.4	107	93	9951	11.3
	8	115	65	213	2026	121	13266	9.1	117	7605	15.9	112	97	10864	11.1
34	5	70	58	190	1786	107	10562	10.1	104	6032	17.7	100	87	8700	12.3
	6	85	61	199	1958	117	11683	10	109	6649	17.6	105	91	9555	12.2
	7	100	64	210	2110	126	12860	9.8	115	7360	17.1	110	96	10560	11.9
	8	115	67	220	2263	136	14095	9.6	120	8040	16.9	115	100	11500	11.8
36	5	70	61	199	1984	119	11683	10.2	109	6649	17.9	105	91	9555	12.4
	6	85	64	210	2170	130	12860	10.1	115	7360	17.6	110	96	10560	12.3
	7	100	67	220	2344	141	14095	10	120	8040	17.5	115	100	11500	12.2
	8	115	70	229	2510	150	15386	9.7	126	8820	17	121	105	12705	11.18
38	6	85	66	217	2400	144	13677	10.5	118	7788	18.5	114	99	11286	12.7
	7	100	70	229	2590	155	15386	10.1	126	8820	17.6	121	105	12705	12.2
	8	115	72	236	2770	166	16277	10.2	129	9288	17.8	124	108	13392	12.4
	9	128	75	246	2940	176	17662	9.9	135	10125	17.4	129	112	14448	12.2
40	6	85	68	223	2640	158	14520	10.9	122	8296	19	117	102	11934	13.2
	7	100	72	236	2848	170	16286	10.4	129	9288	18.3	124	108	13392	12.7
	8	115	75	244	3048	182	17662	10.3	135	10125	17.9	129	112	14448	12.6
	9	128	78	255	3233	193	19103	10.1	140	10920	17.7	134	117	15678	12.3



**IB International Pty Ltd**

Phone: +61 7 3348 8300 Fax: +61 7 3348 8900 Email: sales@ibinternational.com.au

