

MONSOON



Irrigators Australia Pty Ltd

Monsoon - IRL Diamant

Hard Hose Irrigator

Standard Equipment Fitted

- Manual Draw Bar Jack
- Completely Hot Dipped Galvanised
- 270° Rotation of Reel
- Manual Rear Stabiliser Legs
- Trolley Lift System
- Pressure Gauge
- Layflat Delivery Hose 4M with take off coupling to suit
- PTO Winding Handle
- Direct Coupled Turbine
- Rewind Speed Controller
- Solar Panel & 12v Battery

Hose Size Options

- 90mm / 350m • 100mm / 220m • 110mm / 300m • 110mm / 350m • 110mm / 440m

Optional Extras

- Slow Closing Valve • Controller Pressure Gauge • Controller 3 Multi Speed Upgrade

Sprinkler Gun Model

- Sime Reflex Sprinkler Gun with Nozzle Kit
- Fully Galvanised
- 2 Wheel Trolley with Counter Weights



Boom Model

Boom Options -

- Raptor 27/35 Boom
- Raptor 39/44 Boom
- Raptor 47/55 Boom

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IRL Diamant
Performance Charts

Model 110 - 350 with Sprinkler Gun

PE HOSE: O.D. mm			FIELD-PIPE LENGTH					MT	SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H			
110			350						10		20		30		40		50		60		70		80		90		100	
nozzle diam mm	nozzle pres bar	theoric throw mt	Flow mc/h	Flow l/min	Flow l/s	Pull to pull dist. mt	Irrigated area per pull Ha	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	
22	2	28.32	25.7	429	7	45.3	1.59	57	2.7	28	2.8	19	3.0	14	3.2	11	3.3	9	3.5	8	3.7	7	3.8	6	4.0	6	4.2	
22	3.0	34.68	31.5	525	8.8	55.5	1.94	57	3.9	28	4.0	19	4.2	14	4.4	11	4.5	9	4.7	8	4.9	7	5.0	6	5.2	6	5.4	
22	4	40.05	36.4	606	10.1	64.1	2.24	57	5.1	28	5.3	19	5.4	14	5.6	11	5.8	9	5.9	8	6.1	7	6.3	6	6.4	6	6.6	
22	5	44.77	40.7	678	11.3	71.6	2.51	57	6.3	28	6.5	19	6.6	14	6.8	11	7.0	9	7.1	8	7.3	7	7.5	6	7.6	6	7.8	
22	6	49.05	44.6	743	12.4	78.5	2.75	57	7.5	28	7.7	19	7.8	14	8.0	11	8.2	9	8.3	8	8.5	7	8.7	6	8.8	6	9.0	
24	2	29.58	30.6	510	8.5	47.3	1.66	65	2.8	32	3.0	22	3.2	16	3.3	13	3.5	11	3.7	9	3.8	8	4.0	7	4.2	6	4.3	
24	3.0	36.22	37.5	625	10.4	58.0	2.03	65	4.1	32	4.3	22	4.5	16	4.6	13	4.8	11	5.0	9	5.1	8	5.3	7	5.5	6	5.6	
24	4	41.83	43.3	722	12.0	66.9	2.34	65	5.4	32	5.6	22	5.8	16	5.9	13	6.1	11	6.3	9	6.4	8	6.6	7	6.8	6	6.9	
24	5	46.77	48.4	807	13.4	74.8	2.62	65	6.7	32	6.9	22	7.1	16	7.2	13	7.4	11	7.6	9	7.7	8	7.9	7	8.1	6	8.2	
24	6	51.23	53.0	884	14.7	82.0	2.87	65	8.0	32	8.2	22	8.3	16	8.5	13	8.7	11	8.8	9	9.0	8	9.2	7	9.3	6	9.5	
26	2	30.78	35.9	599	10.0	49.3	1.72	73	3.1	36	3.2	24	3.4	18	3.6	15	3.7	12	3.9	10	4.1	9	4.2	8	4.4	7	4.6	
26	3.0	37.70	44.0	733	12.2	60.3	2.11	73	4.5	36	4.6	24	4.8	18	5.0	15	5.1	12	5.3	10	5.5	9	5.6	8	5.8	7	6.0	
26	4	43.54	50.8	847	14.1	69.7	2.44	73	5.9	36	6.0	24	6.2	18	6.4	15	6.5	12	6.7	10	6.9	9	7.0	8	7.2	7	7.4	
26	5	48.67	56.8	947	15.8	77.9	2.73	73	7.3	36	7.4	24	7.6	18	7.8	15	7.9	12	8.1	10	8.3	9	8.4	8	8.6	7	8.8	
26	6	53.32	62.2	1037	17.3	85.3	2.99	73	8.7	36	8.8	24	9.0	18	9.2	15	9.3	12	9.5	10	9.7	9	9.8	8	10.0	7	10.2	
28	2	31.95	41.7	695	11.6	51.1	1.79	82	3.3	41	3.5	27	3.7	20	3.8	16	4.0	14	4.2	12	4.3	10	4.5	9	4.7	8	4.8	
28	3.0	39.13	51.0	851	14.2	62.6	2.19	82	4.9	41	5.1	27	5.2	20	5.4	16	5.6	14	5.7	12	5.9	10	6.1	9	6.2	8	6.4	
28	4	45.18	58.9	982	16.4	72.3	2.53	82	6.4	41	6.6	27	6.7	20	6.9	16	7.1	14	7.2	12	7.4	10	7.6	9	7.7	8	7.9	
28	5	50.51	65.9	1098	18.3	80.8	2.83	82	7.9	41	8.1	27	8.3	20	8.4	16	8.6	14	8.8	12	8.9	10	9.1	9	9.3	8	9.4	
28	6	55.33	72.2	1203	20.0	88.5	3.10	82	9.4	41	9.6	27	9.8	20	9.9	16	10.1	14	10.3	12	10.4	10	10.6	9	10.8	8	10.9	
30	2	33.07	47.8	797	13.3	52.9	1.85	90	3.7	45	3.9	30	4.0	23	4.2	18	4.4	15	4.5	13	4.7	11	4.9	10	5.0	9	5.2	
30	3	40.50	58.6	977	16.3	64.8	2.27	90	5.4	45	5.6	30	5.7	23	5.9	18	6.1	15	6.2	13	6.4	11	6.6	10	6.7	9	6.9	
30	4	46.77	67.7	1128	18.8	74.8	2.62	90	7.1	45	7.2	30	7.4	23	7.6	18	7.7	15	7.9	13	8.1	11	8.2	10	8.4	9	8.6	
30	5	52.29	75.6	1261	21.0	83.7	2.93	90	8.7	45	8.9	30	9.1	23	9.2	18	9.4	15	9.6	13	9.7	11	9.9	10	10.1	9	10.2	
30	6	57.28	82.9	1381	23.0	91.6	3.21	90	10.4	45	10.6	30	10.7	23	10.9	18	11.1	15	11.2	13	11.4	11	11.6	10	11.7	9	11.9	
32	3	41.83	66.7	1111	18.5	66.9	2.34	100	6.0	50	6.2	33	6.3	25	6.5	20	6.7	17	6.8	14	7.0	12	7.2	11	7.3	10	7.5	
32	4	48.30	77.0	1283	21.4	77.3	2.70	100	7.8	50	8.0	33	8.2	25	8.3	20	8.5	17	8.7	14	8.8	12	9.0	11	9.2	10	9.3	
32	5	54.00	86.1	1434	23.9	86.4	3.02	100	9.7	50	9.9	33	10.0	25	10.2	20	10.4	17	10.5	14	10.7	12	10.9	11	11.0	10	11.2	
32	6	59.15	94.3	1571	26.2	94.6	3.31	100	11.5	50	11.7	33	11.9	25	12.0	20	12.2	17	12.4	14	12.5	12	12.7	11	12.9	10	13.0	
32	7	63.89	101.8	1697	28.3	102.2	3.58	100	13.4	50	13.5	33	13.7	25	13.9	20	14.0	17	14.2	14	14.4	12	14.5	11	14.7	10	14.9	

Model 110 - 350 with 39/44 Boom

MOD.	39 / 44	B00M	Nozzle	ATM	Total capacity		Irrigated area	Speed MT/H, Rate and Inlet Pressure													
								10		20		30		40		50		75		100	
					lit/sec	lit/min		mc/h	HA	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
	Green	1	5.02	301	18.06	1.40	45.2	1.4	22.6	1.6	15.1	1.8	11.3	1.9	9.0	2.1	6.0	2.5	4.5	2.9	
		2	7.12	427	25.62		64.1	2.6	32.0	2.8	21.4	3.0	16.0	3.1	12.8	3.3	8.5	3.7	6.4	4.1	
		3	8.46	507.4	30.44		76.1	3.8	38.1	4.0	25.4	4.2	19.0	4.3	15.2	4.5	10.1	4.9	7.6	5.3	
	Yellow	1	5.88	353	21.18	1.40	53.0	1.5	26.5	1.7	17.7	1.8	13.2	2.0	10.6	2.2	7.1	2.6	5.3	3.0	
		2	8.16	489.4	29.36		73.4	2.8	36.7	3.0	24.5	3.1	18.4	3.3	14.7	3.5	9.8	3.9	7.3	4.3	
		3	10.02	601	36.06		90.2	4.1	45.1	4.2	30.1	4.4	22.5	4.6	18.0	4.7	12.0	5.2	9.0	5.6	
	Red	1	6.92	415.4	24.92	1.40	62.3	1.6	31.2	1.8	20.8	2.0	15.6	2.1	12.5	2.3	8.3	2.7	6.2	3.1	
		2	9.54	572.6	34.36		85.9	3.0	42.9	3.2	28.6	3.3	21.5	3.5	17.2	3.7	11.5	4.1	8.6	4.5	
		3	11.58	694.6	41.68		104.2	4.3	52.1	4.5	34.7	4.7	26.0	4.8	20.8	5.0	13.9	5.4	10.4	5.8	
	Black	1	9.35	561	33.66	1.40	84.2	2.0	42.1	2.1	28.1	2.3	21.0	2.5	16.8	2.6	11.2	3.0	8.4	3.5	
		2	13.18	791	47.46		118.7	3.7	59.3	3.8	39.6	4.0	29.7	4.2	23.7	4.3	15.8	4.8	11.9	5.2	
		3	15.65	939	56.34		140.9	5.2	70.4	5.4	47.0	5.6	35.2	5.7	28.2	5.9	18.8	6.3	14.1	6.7	

Customer Support, Technical Service & Sales

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