

MONSOON



Irrigators Australia Pty Ltd

Monsoon - IRL Silver

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

- 75mm / 240m • 75mm / 300m • 82mm / 300m • 90mm / 250m • 90mm / 300m

Optional Extras

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

Sprinkler Gun Model

- Sime Royal 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

MONSOON



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IRL Silver Performance Charts

Model 90 - 250 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					
90			250					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 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	1.13	57	3.1	28	3.3	19	3.4	14	3.6	11	3.8	9	3.9	8	4.1	7	4.3	6	4.4	6	4.6
22	3.0	34.68	31.5	525	8.8	55.5	1.39	57	4.5	28	4.7	19	4.8	14	5.0	11	5.2	9	5.3	8	5.5	7	5.7	6	5.8	6	6.0
22	4	40.05	36.4	606	10.1	64.1	1.60	57	5.9	28	6.1	19	6.2	14	6.4	11	6.6	9	6.7	8	6.9	7	7.1	6	7.2	6	7.4
22	5	44.77	40.7	678	11.3	71.6	1.79	57	7.3	28	7.5	19	7.6	14	7.8	11	8.0	9	8.1	8	8.3	7	8.5	6	8.6	6	8.8
22	6	49.05	44.6	743	12.4	78.5	1.96	57	8.7	28	8.9	19	9.0	14	9.2	11	9.4	9	9.5	8	9.7	7	9.9	6	10.0	6	10.2
24	2	29.58	30.6	510	8.5	47.3	1.18	65	3.4	32	3.6	22	3.8	16	3.9	13	4.1	11	4.3	9	4.4	8	4.6	7	4.8	6	4.9
24	3.0	36.22	37.5	625	10.4	58.0	1.45	65	5.0	32	5.2	22	5.3	16	5.5	13	5.7	11	5.8	9	6.0	8	6.2	7	6.3	6	6.5
24	4	41.83	43.3	722	12.0	66.9	1.67	65	6.6	32	6.7	22	6.9	16	7.1	13	7.2	11	7.4	9	7.6	8	7.7	7	7.9	6	8.1
24	5	46.77	48.4	807	13.4	74.8	1.87	65	8.1	32	8.3	22	8.5	16	8.6	13	8.8	11	9.0	9	9.1	8	9.3	7	9.5	6	9.6
24	6	51.23	53.0	884	14.7	82.0	2.05	65	9.7	32	9.8	22	10.0	16	10.2	13	10.3	11	10.5	9	10.7	8	10.8	7	11.0	6	11.2
26	2	30.78	35.9	599	10.0	49.3	1.23	73	3.9	36	4.0	24	4.2	18	4.4	15	4.5	12	4.7	10	4.9	9	5.0	8	5.2	7	5.4
26	3.0	37.70	44.0	733	12.2	60.3	1.51	73	5.6	36	5.8	24	6.0	18	6.1	15	6.3	12	6.5	10	6.6	9	6.8	8	7.0	7	7.1
26	4	43.54	50.8	847	14.1	69.7	1.74	73	7.4	36	7.6	24	7.7	18	7.9	15	8.1	12	8.2	10	8.4	9	8.6	8	8.7	7	8.9
26	5	48.67	56.8	947	15.8	77.9	1.95	73	9.1	36	9.3	24	9.5	18	9.6	15	9.8	12	10.0	10	10.1	9	10.3	8	10.5	7	10.6
26	6	53.32	62.2	1037	17.3	85.3	2.13	73	10.9	36	11.0	24	11.2	18	11.4	15	11.5	12	11.7	10	11.9	9	12.0	8	12.2	7	12.4
28	2	31.95	41.7	695	11.6	51.1	1.28	82	4.4	41	4.6	27	4.7	20	4.9	16	5.1	14	5.2	12	5.4	10	5.6	9	5.7	8	5.9
28	3.0	39.13	51.0	851	14.2	62.6	1.57	82	6.4	41	6.6	27	6.8	20	6.9	16	7.1	14	7.3	12	7.4	10	7.6	9	7.8	8	7.9
28	4	45.18	58.9	982	16.4	72.3	1.81	82	8.4	41	8.6	27	8.8	20	8.9	16	9.1	14	9.3	12	9.4	10	9.6	9	9.8	8	9.9
28	5	50.51	65.9	1098	18.3	80.8	2.02	82	10.4	41	10.6	27	10.7	20	10.9	16	11.1	14	11.2	12	11.4	10	11.6	9	11.7	8	11.9
28	6	55.33	72.2	1203	20.0	88.5	2.21	82	12.4	41	12.5	27	12.7	20	12.9	16	13.0	14	13.2	12	13.4	10	13.5	9	13.7	8	13.9
30	2	33.07	47.8	797	13.3	52.9	1.32	90	5.1	45	5.2	30	5.4	23	5.6	18	5.7	15	5.9	13	6.1	11	6.2	10	6.4	9	6.6
30	3.0	40.50	58.6	977	16.3	64.8	1.62	90	7.4	45	7.5	30	7.7	23	7.9	18	8.0	15	8.2	13	8.4	11	8.5	10	8.7	9	8.9
30	4	46.77	67.7	1128	18.8	74.8	1.87	90	9.7	45	9.8	30	10.0	23	10.2	18	10.3	15	10.5	13	10.7	11	10.8	10	11.0	9	11.2
30	5	52.29	75.6	1261	21.0	83.7	2.09	90	11.9	45	12.1	30	12.3	23	12.4	18	12.6	15	12.8	13	12.9	11	13.1	10	13.3	9	13.4
30	6	57.28	82.9	1381	23.0	91.6	2.29	90	14.2	45	14.3	30	14.5	23	14.7	18	14.8	15	15.0	13	15.2	11	15.3	10	15.5	9	15.7
32	3	41.83	66.7	1111	18.5	66.9	1.67	100	8.5	50	8.7	33	8.9	25	9.0	20	9.2	17	9.4	14	9.5	12	9.7	11	9.9	10	10.0
32	4	48.30	77.0	1283	21.4	77.3	1.93	100	11.2	50	11.3	33	11.5	25	11.7	20	11.8	17	12.0	14	12.2	12	12.3	11	12.5	10	12.7
32	5	54.00	86.1	1434	23.9	86.4	2.16	100	13.8	50	13.9	33	14.1	25	14.3	20	14.4	17	14.6	14	14.8	12	14.9	11	15.1	10	15.3
32	6	59.15	94.3	1571	26.2	94.6	2.37	100	16.3	50	16.5	33	16.7	25	16.8	20	17.0	17	17.2	14	17.3	12	17.5	11	17.7	10	17.8
32	7	63.89	101.8	1697	28.3	102.2	2.56	100	18.9	50	19.1	33	19.2	25	19.4	20	19.6	17	19.7	14	19.9	12	20.1	11	20.2	10	20.4

Model 90 - 250 with 27/35 Boom

MOD.	BOOM	Nozzle	ATM	Total Capacity			Irrigated Area	Speed MT/H, Rate & Inlet Pressure														
				lt/sec	lt/min	mc/h		HA	10		20		30		40		50		75		100	
									mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
35	Green	1	5.02	301	18.06	0.78	58.3	1.6	29.1	1.8	19.4	2.0	14.6	2.1	11.7	2.3	7.8	2.7	5.8	3.1		
		2	7.12	427	25.62		82.6	3.1	41.3	3.2	27.5	3.4	20.7	3.6	16.5	3.7	11.0	4.2	8.3	4.6		
		3	8.46	507.4	30.44		98.2	4.4	49.1	4.6	32.7	4.8	24.6	4.9	19.6	5.1	13.1	5.5	9.8	5.9		
	Yellow	1	5.88	353	21.18	0.78	68.3	1.8	34.2	2.0	22.8	2.1	17.1	2.3	13.7	2.5	9.1	2.9	6.8	3.3		
		2	8.16	489.4	29.36		94.7	3.3	47.4	3.5	31.6	3.7	23.7	3.8	18.9	4.0	12.6	4.4	9.5	4.8		
		3	10.02	601	36.06		116.3	4.9	58.2	5.0	38.8	5.2	29.1	5.4	23.3	5.5	15.5	6.0	11.6	6.4		
	Red	1	6.92	415.4	24.92	0.78	80.4	2.0	40.2	2.2	26.8	2.4	20.1	2.5	16.1	2.7	10.7	3.1	8.0	3.5		
		2	9.54	572.6	34.36		110.8	3.7	55.4	3.9	36.9	4.1	27.7	4.2	22.2	4.4	14.8	4.8	11.1	5.2		
		3	11.58	694.6	41.68		134.4	5.4	67.2	5.6	44.8	5.7	33.6	5.9	26.9	6.1	17.9	6.5	13.4	6.9		
Black	1	9.35	561	33.66	0.78	108.6	2.7	54.3	2.8	36.2	3.0	27.1	3.2	21.7	3.3	14.5	3.8	10.9	4.2			
	2	13.18	791	47.46		153.1	5.0	76.5	5.2	51.0	5.4	38.3	5.5	30.6	5.7	20.4	6.1	15.3	6.5			
	3	15.65	939	56.34		181.7	7.1	90.9	7.3	60.6	7.4	45.4	7.6	36.3	7.8	24.2	8.2	18.2	8.6			

Customer Support, Technical Service & Sales

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