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
 - **Hose Size Options**

- Layflat Delivery Hose 4M with take off coupling to suit
- PTO Winding Handle
- Direct Coupled Turbine
- Rewind Speed Controller
- Solar Panel & 12v Battery
- 63mm / 200m 63mm / 250m 75mm / 240m 75mm / 300m • 82mm / 300m • 90mm / 250m
 - 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



Irrigators Australia Pty Ltd

IRL Silver Performance Charts

<u>Model 90 - 250 with Sprinkler Gun</u>

PE H	OSE: O.D. 90	mm	FIELD-PIPE LENGTH MT 250						SPEED SPEED MT/H MT/H 10 20		SPEED MT/H 30		SPEED MT/H 40		SPEED MT/H 50		SPEED MT/H 60		SPEED MT/H 70		SPEED MT/H 80		SPEED MT/H 90		SPEED MT/H 100		
nozzle diam mm	nozzle pres bar	theoric throw mt	Flow mc/h	Flow I/min	Flow I/s	Pull to pull dist. mt	Irrigated area per pull Ha	rate mm	inlet pres bar		inlet pres bar	rate mm	inlet pres bar														
16	2	24.15	13.6	227	4	38.6	0.97	35	2.4	18	2.6	12	2.8	9	2.9	7	3.1	6	3.3	5	3.4	4	3.6	4	3.8	4	3.9
16 16	2.5	27.00 29.58	15.2 16.7	254 278	4.2	43.2 47.3	1.08 1.18	35 35	3.0	18 18	3.2	12	3.3	9	3.5 4.1	7	3.7 4.2	6	3.8 4.4	5	4.0	4	4.2	4	4.3	4	4.5 5.1
16	4	34.15	19.2	321	5.3	54.6	1.37	35	4.7	18	4.9	12	5.0	9	5.2	7	5.4	6	5.5	5	5.7	4	5.9	4	6.0	4	6.2
16	5	38.18	21.5	359	6.0	61.1	1.53	35	5.8	18	6.0	12	6.2	9	6.3	7	6.5	6	6.7	5	6.8	4	7.0	4	7.2	4	7.3
18	2	25.61	17.2	287	4.8	41.0	1.02	42	2.6	21	2.8	14	2.9	11	3.1	8	3.3	7	3.4	6	3.6	5	3.8	5	3.9	4	4.1
18	3.0	31.37	21.1	352	5.9	50.2	1.25	42	3.8	21	4.0	14	4.1	11	4.3	8	4.5	7	4.6	6	4.8	5	5.0	5	5.1	4	5.3
18	4	36.22	24.4	406	6.8	58.0	1.45	42	5.0	21	5.2	14	5.3	11	5.5	8	5.7	7	5.8	6	6.0	5	6.2	5	6.3	4	6.5
18 18	5 6	40.50	27.2 29.8	454 497	7.6 8.3	64.8 71.0	1.62 1.77	42 42	6.2 7.4	21	6.4 7.5	14 14	6.5 7.7	11	6.7 7.9	8	6.9 8.0	7	7.0 8.2	6	7.2 8.4	5	7.4 8.5	5	7.5 8.7	4	7.7 8.9
	_																	_									
20	3.0	27.00 33.07	21.3	354 434	5.9	43.2 52.9	1.08	49 49	2.8	25	3.0	16	3.1	12	3.3 4.6	10	3.5	8	3.6	7	3.8 5.1	6	4.0	5	4.1 5.4	5	4.3
20	3.0	38.18	30.1	501	7.2 8.4	61.1	1.32 1.53	49	4.1 5.4	25 25	4.3 5.6	16 16	4.4 5.7	12	5.9	10	4.8 6.1	8	4.9 6.2	7	6.4	6	5.3 6.6	5	6.7	5	5.6 6.9
20	5	42.69	33.6	560	9.3	68.3	1.71	49	6.7	25	6.8	16	7.0	12	7.2	10	7.3	8	7.5	7	7.7	6	7.8	5	8.0	5	8.2
20	6	46.77	36.8	614	10.2	74.8	1.87	49	8.0	25	8.1	16	8.3	12	8.5	10	8.6	8	8.8	7	9.0	6	9.1	5	9.3	5	9.5
22	2	28.32	25.7	429	7.1	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 6	44.77	40.7 44.6	678 743	11.3	71.6 78.5	1.79 1.96	57 57	7.3 8.7	28 28	7.5 8.9	19 19	7.6 9.0	14	7.8 9.2	11	8.0 9.4	9	8.1 9.5	8	8.3 9.7	7	8.5 9.9	6	8.6 10.0	6	8.8
		49.05			12.4													9		8	9.1			6		6	
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 24	3	36.22 41.83	37.5 43.3	625 722	10.4 12.0	58.0 66.9	1.45 1.67	65 65	5.0 6.6	32 32	5.2 6.7	22	5.3 6.9	16 16	5.5 7.1	13	5.7 7.2	11	5.8 7.4	9	6.0 7.6	8	6.2 7.7	7	6.3 7.9	6	6.5 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	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	- /	12.4

Model 90 - 250 with 27/35 Boom

BOOM	Nozzle	АТМ	Total Capacity			Irrigated Area	Speed WI/A. Rate & Illet Pressure													
							10		20		30		40		50		75		100	
			lt/sec	lt/min	mc/h	HA	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
	ua	1	5.02	301	18.06		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
35	Gree	2	7.12	427	25.62	0.78	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
_		1	5.88	353	21.18		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
	ellow	2	8.16	489.4	29.36	0.78	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
27	Ye	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
		-															10.0	0.0		
	Red	1	6.92	415.4	24.92		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	0.78	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
MOD.		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		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	0.78	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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