

MONSOON

THE COST EFFICIENT IRRIGATORS

91 Series Specifications

MODEL	91	AVT-FVT 46/54						AVT"S" 56/64						AVT"S" 64/72					
Area of Irrigation	M	54 Max						64 Max						72 Max					
Nozzle	No	47 Plus 2x8mm Adjustable End Nozzle						57 Plus 2x10mm Adjustable End Nozzle						65 Plus 2x10mm Adjustable End Nozzle					
Nozzle Diameter	mm	4		5		6		4		5		6		4		5		6	
Boom Pressure	Kpa	150	200	150	200	150	200	150	200	150	200	150	200	150	200	150	200	150	200
Nozzle Flow Rate	Lt/Sec	0.21	0.25	0.28	0.33	0.38	0.45	0.21	0.25	0.28	0.33	0.30	0.38	0.21	0.25	0.28	0.33	0.30	0.38
Boom Flow Rate	Lt/Sec	12	14.3	14.8	17.5	20	23.8	15.5	18.5	19.5	23	20.5	25.5	17.5	20.5	21.5	25	22.5	28.5
MM's Applied to stripe at various in-wind speeds	20 m/h	37	44	46	54	62	73	40	48	51	60	53	66	40	47	50	58	52	66
	30 m/h	25	29	30	36	41	49	27	32	34	40	36	44	27	32	33	38	35	44
	40 m/h	18	22	23	27	31	37	20	24	25	30	27	33	20	24	25	29	26	33
	50 m/h	15	17	18	22	25	29	16	19	20	24	21	26	16	19	20	23	21	26
	60 m/h	12	14	15	18	21	24	13	16	17	20	18	22	13	16	17	19	17	22

MODEL	Machine Inlet Pressure	Boom 91Series	Boom Nozzle Size	Rate Of Flow	Irrigated Stripe Area
	Kpa	Model	mms	Lt/Sec	Hectares
1100C2A 350M	370	AVT46	4	14.3	1.92
	450	AVT46	5	17.5	1.92
	340	AVT56	4	15.5	2.27
	430	AVT56	5	19.5	2.27
	400	AVT64	4	17.5	2.56
	490	AVT64	5	21.5	2.56
1100C2A 420M	400	AVT46	4	14.3	2.30
	490	AVT46	5	17.5	2.30
	370	AVT56	4	15.5	2.73
	480	AVT56	5	19.5	2.73
	440	AVT64	4	17.5	3.07
	540	AVT64	5	21.5	3.07
1100D1A 460M	410	AVT46	4	14.3	2.52
	510	AVT46	5	17.5	2.52
	380	AVT56	4	15.5	2.99
	500	AVT56	5	19.5	2.99
	460	AVT64	4	17.5	3.36
	570	AVT64	5	21.5	3.36
1250D1A 350M	370	AVT46	5	17.5	1.86
	480	AVT46	6	23.8	1.86
	360	AVT56	5	19.5	2.21
	490	AVT56	6	25.5	2.21
	410	AVT64	5	21.5	2.48
	560	AVT64	6	28.5	2.48
1250D1AS 420M	410	AVT46	5	17.5	2.41
	550	AVT46	6	23.8	2.41
	410	AVT56	5	19.5	2.86
	570	AVT56	6	25.5	2.86
	470	AVT64	5	21.5	3.21
	660	AVT64	6	28.5	3.21

MODEL	Machine Inlet Pressure	Boom 91Series	Boom Nozzle Size	Rate Of Flow	Irrigated Stripe Area
	Kpa	Model	mms	Lt/Sec	Hectares
1250D3 470M	430	AVT46	5	17.5	2.68
	580	AVT46	6	23.8	2.68
	430	AVT56	5	19.5	3.18
	610	AVT56	6	25.5	3.18
	500	AVT64	5	21.5	3.58
	520	AVT64	6	22.5	3.58