

MONSOON

THE COST EFFICIENT IRRIGATORS

25 Series Irrigator Performance Chart

MODEL	25	AFVT-FVT 36/44						AFVT-FVT 42/50						AFVT-FVT 48/56					
Area of Irrigation	M	44 Max						50 Max						56 Max					
Nozzle	No	37 Plus 2x6mm Adjustable End Nozzle						43 Plus 2x6mm Adjustable End Nozzle						49 Plus 2x6mm Adjustable End Nozzle					
Nozzle Diameter	mm	4		5		6		4		5		6		4		5		6	
Boom Pressure	Kpa	100	150	100	150	100	150	100	150	100	150	100	150	100	150	100	150	100	150
Nozzle Flow Rate	Lt/Sec	0.16	0.21	0.22	0.28	0.30	0.38	0.16	0.21	0.22	0.28	0.30	0.38	0.16	0.21	0.22	0.28	0.30	0.38
Boom Flow Rate	Lt/Sec	6.9	9.3	9.2	11.8	12.2	15.6	7.5	9.9	10.3	13.2	14.1	17.9	8.5	11.2	11.8	15	16	20.2
MM's Applied to stripe at various in-wind speeds	20 m/h	26	35	35	45	46	59	25	33	34	44	47	60	25	33	36	45	48	60
	30 m/h	17	23	23	30	31	39	17	22	23	29	31	40	17	22	23	30	32	40
	40 m/h	13	18	17	22	23	30	13	17	17	22	24	30	13	17	18	22	24	30
	50 m/h	10	14	14	18	18	24	10	13	14	18	19	24	10	13	14	18	19	24
	60 m/h	9	12	12	15	15	20	8	11	12	15	16	20	8	11	12	15	16	20

MODEL	Machine Inlet Pressure	Boom 25 Series	Boom Nozzle Size	Rate Of Flow	Irrigated Stripe Area
	Kpa	Model	mms	Lt/Sec	Hectares
820BA 300M	300	FVT36	4	6.9	1.34
	450	FVT36	4	9.3	1.34
	390	FVT36	5	9.2	1.34
	620	FVT36	5	11.8	1.34
900BA 320M	260	FVT42	4	7.5	1.83
	400	FVT42	4	9.9	1.83
	380	FVT42	5	10.3	1.83
	580	FVT42	5	13.2	1.83
1000BA 270M	270	FVT42	5	10.3	1.62
	410	FVT42	5	13.2	1.62
	430	FVT42	6	14.1	1.62
	580	FVT42	6	17.9	1.62
1000CA 380M	240	FVT48	4	8.5	2.16
	380	FVT48	4	11.2	2.16
	350	FVT48	5	11.8	2.16
	520	FVT48	5	15	2.16
1100CA 290M	210	FVT48	5	11.8	1.70
	320	FVT48	5	15	1.70
	300	FVT48	6	16	1.70
	460	FVT48	6	20.2	1.70
1100C1A 350M	240	FVT48	5	11.8	1.93
	360	FVT48	5	15	1.93
	350	FVT48	6	16	1.93
	520	FVT48	6	20.2	1.93

MODEL	Machine Inlet Pressure	Boom 25 Series	Boom Nozzle Size	Rate Of Flow	Irrigated Stripe Area
	Kpa	Model	mms	Lt/Sec	Hectares
1100CA2 420M	250	FVT48	5	11.8	2.39
	390	FVT48	5	15	2.39
	370	FVT48	6	16	2.39
	560	FVT48	6	20.2	2.39
1100D1A 460M	290	FVT48	5	11.8	2.61
	450	FVT48	5	15	2.61
	430	FVT48	6	16	2.61
	650	FVT48	6	20.2	2.61