

IRRIFORCE ECO TD2500 - 400 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : Jet 55
Hose Diameter and Length : 65mm 200M hose X Maximum 400M Travel Length

							Tribune Pressure Lost (Bar) 1		Tribune Pressure Lost (Bar) 0,8		Tribune Pressure Lost (Bar) 0,8		Tribune Pressure Lost (Bar) 0,7	
							20 mm rainfall		25 mm rainfall		30 mm rainfall		40 mm rainfall	
Nozzle Size	Sprinkler Pressure (Bar)	Sprinkler Throw Range (m)	% 85 of Throw Diameter of Sprinkler (m)	Capacity		Irrigated Area m ²	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar
				Flow Rate Liter/Min	Flow Rate m ³ / Hour									
16mm	3	30	51	308	18,5	21421	17	4,4	14	4,2	12	4,2	9	4,1
	4	34	58	358	21,5	24431	18	5,5	14	5,3	12	5,3	9	5,2
	5	35	60	392	23,5	25190	19	6,7	15	6,5	12	6,5	9	6,4
18mm	3	32	54	390	23,4	22922	20	4,7	16	4,5	14	4,5	10	4,4
	4	35	60	445	26,7	25190	21	5,9	17	5,7	14	5,7	11	5,6
	5	38	65	498	29,9	27478	22	7,0	17	6,8	15	6,8	11	6,7
20mm	3	35	60	463	27,8	25190	22	5,0	18	4,8	15	4,8	11	4,7
	4	38	65	548	32,9	27478	24	6,3	19	6,1	16	6,1	12	6,0
	5	42	71	617	37	30561	24	7,8	19	7,6	16	7,6	12	7,5
22mm	3	36	61	567	34	25950	26	5,5	21	5,3	17	5,3	13	5,2
	4	40	68	680	40,8	29015	28	7,3	22	7,1	19	7,1	14	7,0
	5	44	75	753	45,2	32116	28	8,8	23	8,6	19	8,6	14	8,5

*** NOT :** The Table above was prepared with mathematical formulas and datas under average working conditions. It is targeted to give general information to the user. Real datas can be changed during using conditions. Yüzüak Makine does not accept any responsibility according to usage of this Table.