

IRRIFORCE ECO TD3000 - 200 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type :

Jet 55

Hose Diameter and Length : 76mm 100M hose X Maximum 200M Travel Length

							Tribune Pressure Lost (Bar) 1		Tribune Pressure Lost (Bar) 0,9		Tribune Pressure Lost (Bar) 0,8		Tribune Pressure Lost (Bar) 0,8	
				Capacity		Irrigated Area	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)	Flow Rate Liter/Min	Flow Rate m ³ / Hour	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
20mm	3	35	60	463	27,8	13290	21	4,1	17	4,0	14	3,9	10	3,9
	4	38	65	548	32,9	14558	23	5,2	18	5,1	15	5,0	11	5,0
	5	42	71	617	37	16281	23	6,3	18	6,2	15	6,1	11	6,1
	6	44	75	700	42	17156	24	7,5	20	7,4	16	7,3	12	7,3
22mm	3	36	61	567	34	13710	25	4,2	20	4,1	17	4,0	12	4,0
	4	41	70	680	40,8	15847	26	5,4	21	5,3	17	5,2	13	5,2
	5	44	75	753	45,2	17156	26	6,5	21	6,4	18	6,3	13	6,3
	6	48	82	783	47	18933	25	7,5	20	7,4	17	7,3	12	7,3
24mm	3	38	65	683	41	14558	28	4,4	23	4,3	19	4,2	14	4,2
	4	43	73	800	48	16717	29	5,6	23	5,5	19	5,4	14	5,4
	5	49	83	883	53	19384	27	6,9	22	6,8	18	6,7	14	6,7
	6	54	92	983	59	21668	27	8,2	22	8,1	18	8,0	14	8,0
26mm	4	48	82	850	51	18933	27	5,7	22	5,6	18	5,5	13	5,5
	5	50	85	950	57	19836	29	6,9	23	6,8	19	6,7	14	6,7
	6	53	90	1050	63	21206	30	8,1	24	8,0	20	7,9	15	7,9
28mm	4	49	83	1000	60	19384	31	6,1	25	6,0	21	5,9	15	5,9
	5	53	90	1100	66	21206	31	7,3	25	7,2	21	7,1	16	7,1

*** 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. Yüzük Makine does not accept any responsibility according to usage of this Table.