

IRRIFORCE ECO TD3000-400 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : **Jet 55**
 Hose Diameter and Length : **76mm 200M hose X Maximum 400M Travel Lenght**

						Tribune Pressure Lost (Bar) 1,3		Tribune Pressure Lost (Bar) 1,1		Tribune Pressure Lost (Bar) 0,8		Tribune Pressure Lost (Bar) 0,8		Tribune Pressure Lost (Bar) 0,8			
				Capacity		Irrigated Area		10 mm rainfall		15 mm rainfall		20 mm rainfall		25 mm rainfall		30 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	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	
20mm	3	35	60	463	27,8	25190	44	4,8	29	4,6	22	4,3	18	4,3	15	4,3	
	4	38	65	548	32,9	27478	48	6,1	32	5,9	24	5,6	19	5,6	16	5,6	
	5	42	71	617	37	30561	48	7,3	32	7,1	24	6,8	19	6,8	16	6,8	
	6	44	75	700	42	32116	52	8,6	35	8,4	26	8,1	21	8,1	17	8,1	
22mm	3	36	61	567	34	25950	52	5,1	35	4,9	26	4,6	21	4,6	17	4,6	
	4	41	70	680	40,8	29787	55	6,5	37	6,3	27	6,0	22	6,0	18	6,0	
	5	44	75	753	45,2	32116	56	7,5	38	7,3	28	7,0	23	7,0	19	7,0	
	6	48	82	783	47	35253	53	8,7	36	8,5	27	8,2	21	8,2	18	8,2	
24mm	3	38	65	683	41	27478	60	5,5	40	5,3	30	5,0	24	5,0	20	5,0	
	4	43	73	800	48	31337	61	6,9	41	6,7	31	6,4	25	6,4	20	6,4	
	5	49	83	917	55	36044	61	8,3	41	8,1	31	7,8	24	7,8	20	7,8	
26mm	4	48	82	850	51	35253	58	7,0	39	6,8	29	6,5	23	6,5	19	6,5	
	5	50	85	950	57	36836	62	8,4	41	8,2	31	7,9	25	7,9	21	7,9	
28mm	4	49	83	1000	60	36044	67	7,7	44	7,5	33	7,2	27	7,2	22	7,2	
	5	53	90	1100	66	39226	67	9,1	45	8,9	34	8,6	27	8,6	22	8,6	

*** 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.