

IRRIFORCE ECO TD3000 - 300 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : Jet 55

Hose Diameter and Length : 76mm 150M hose X Maximum 300M Travel Length

							Tribune Pressure Lost (Bar) 1,3		Tribune Pressure Lost (Bar) 1,1		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	10 mm rainfall		15 mm rainfall		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 ² / 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	Irriforce Lineer Velocity meter/hour	Total Pressure Bar
20mm	3	35	60	463	27,8	19240	43	4,7	29	4,5	22	4,5	17	4,4	14	4,3	11	4,3
	4	38	65	548	32,9	21018	47	5,9	31	5,7	23	5,6	19	5,5	16	5,4	12	5,4
	5	42	71	617	37	23421	47	7	32	6,8	24	6,8	19	6,7	16	6,6	12	6,6
	6	44	75	700	42	24636	51	8,3	34	8,1	26	8,1	20	8,0	17	7,9	13	7,9
22mm	3	36	61	567	34	19830	51	4,9	34	4,7	26	4,7	21	4,6	17	4,5	13	4,5
	4	41	70	680	40,8	22817	54	6,2	36	6	27	6,0	21	5,9	18	5,8	13	5,8
	5	44	75	753	45,2	24636	55	7,4	37	7,2	28	7,2	22	7,1	18	7,0	14	7,0
	6	48	82	783	47	27093	52	8,5	35	8,3	26	8,2	21	8,1	17	8,0	13	8,0
24mm	3	38	65	683	41	21018	59	5,2	39	5	29	5,0	23	4,9	20	4,8	15	4,8
	4	43	73	800	48	24027	60	6,6	40	6,4	30	6,4	24	6,3	20	6,2	15	6,2
	5	49	83	917	55	27714	60	7,9	40	7,7	30	7,7	24	7,6	20	7,5	15	7,5
26mm	4	48	82	850	51	27093	56	6,7	38	6,5	28	6,5	23	6,4	19	6,3	14	6,3
	5	50	85	950	57	28336	60	8,0	40	7,8	30	8,0	24	7,9	20	7,8	15	7,8
28mm	4	49	83	1000	60	27714	65	7,3	43	7,1	32	7,2	26	7,1	22	7,0	16	7,0
	5	53	90	1100	66	30216	66	8,6	44	8,4	33	8,5	26	8,4	22	8,3	16	8,3

*** 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.