

IRRIFORCE ECO TD3000 - 400 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : JET55

Hose Diameter and Length :76mm 200M hose X Maximum 400M Travel Lenght

				Capacity		Irrigated Area	Tribune Pressure Lost (Bar) 1,3 10 mm rainfall		Tribune Pressure Lost (Bar) 1,1 15 mm rainfall		Tribune Pressure 0,8 20 mm rainfall		Tribune Pressure Lost (Bar) 0,8 25 mm rainfall		Tribune Pressure Lost (Bar) 0,8 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	467	28	25190	44	4,9	30	4,7	22	4,4	18	4,4	15	4,4
	4	38	65	550	33	27478	48	6,2	32	6	24	5,7	19	5,7	16	5,7
	5	42	71	617	37	30561	48	7,4	32	7,2	24	6,9	19	6,9	16	6,9
22mm	3	36	61	567	34	25950	52	5,3	35	5,1	26	4,8	21	4,8	17	4,8
	4	40	68	683	41	29015	57	6,6	38	6,4	28	6,1	23	6,1	19	6,1
	4,5	42	71	733	44	30561	58	7,3	38	7,1	29	6,8	23	6,8	19	6,8
24mm	3	38	65	683	41	27478	60	5,6	40	5,4	30	5,1	24	5,1	20	5,1
	4	43	73	800	48	31337	61	6,9	41	6,7	31	6,4	25	6,4	20	6,4
	4,5	44	75	850	51	32116	64	7,8	42	7,6	32	7,3	25	7,3	21	7,3
26mm	4	45	77	867	52	32897	63	6,6	42	6,4	32	6,1	25	6,1	21	6,1
	4,5	46	78	917	55	33680	65	8,1	44	7,9	33	7,6	26	7,6	22	7,6
28mm	4	47	80	1033	62	34466	72	7,5	48	7,3	36	7,0	29	7,0	24	7,0

* 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.