

IRRIFORCE Ultra TD3500-400 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : Jet 65
 Hose Diameter and Length : 90mm 200M hose X Maximum 400M Travel Length

						Tribune Pressure 1,4 Lost (Bar)		Tribune Pressure 1,1 Lost (Bar)		Tribune Pressure 0,9 Lost (Bar)		Tribune Pressure 0,9 Lost (Bar)			
				Capacity		Irrigated Area		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	
24mm	3	39	66	667	40	28245	38	4,8	28	4,5	23	4,3	19	4,3	
	4	43	73	800	48	31337	41	6,1	31	5,8	25	5,6	20	5,6	
	5	49	83	917	55	36044	41	7,3	31	7,0	24	6,8	20	6,8	
	6	52	88	983	59	38427	41	8,4	31	8,1	25	7,9	20	7,9	
26mm	3	41	70	783	47	29787	42	5	32	4,7	25	4,5	21	4,5	
	4	48	82	933	56	35253	42	6,3	32	6,0	25	5,8	21	5,8	
	5	50	85	1050	63	36836	46	7,4	34	7,1	27	6,9	23	6,9	
	6	53	90	1133	68	39226	46	8,8	35	8,5	28	8,3	23	8,3	
28mm	4	49	83	1083	65	36044	48	6,6	36	6,3	29	6,1	24	6,1	
	5	53	90	1200	72	39226	49	7,9	37	7,6	29	7,4	24	7,4	
	6	56	95	1300	78	41637	50	9	37	8,7	30	8,5	25	8,5	
30mm	4	50	85	1217	73	36836	53	6,8	40	6,5	32	6,3	26	6,3	
	5	54	92	1350	81	40028	54	8,2	40	7,9	32	7,7	27	7,7	
	6	57	97	1483	89	42445	56	9,6	42	9,3	34	9,1	28	9,1	
32mm	4	52	88	1367	82	38427	57	7,3	43	7,0	34	6,8	28	6,8	
	5	56	95	1533	92	41637	59	8,8	44	8,5	35	8,3	29	8,3	
	6	59	100	1667	100	44069	61	10,1	45	9,8	36	9,6	30	9,6	

* 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.