

## IRRIFORCE MICO TD2000-300 RAINFALL AND VELOCITY RELATIONS TABLE

**Sprinkler Type** : YUZUAK JET 50  
**Hose Diameter and Length** : Diameter : 51 mm ( 2 " ) ; Length : 150 meters or ( 100 Meter + 50 Meter )  
**Traveller Length** : 300 meters

				Capacity		Irrigated Area	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	
				Flow Rate	Flow Rate	m <sup>2</sup>	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 )	Liter/Min	m <sup>3</sup> / Hour		Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccessity (Bar)	Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccessity (Bar)	Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccessity (Bar)	Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccessity (Bar)	Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccessity (Bar)
12 mm	2	24	41	140	8,4	12893	20	3,6	13	3,3	10	3	8	3	7	3
	3	29	49	165	9,9	15744	19	4,7	13	4,4	9	5,1	8	5,1	6	5,1
	4	31	53	192	11,5	16900	20	5,9	14	5,5	10	6,2	8	6,2	7	6,2
14 mm	2	22	37	195	11,7	11769	30	3,9	20	3,6	15	3,3	12	3,3	10	3,3
	3	27	46	239	14,3	14597	29	5,2	20	5,1	15	4,5	12	4,5	10	4,5
	4	30	51	277	16,6	16321	31	6,3	20	6	15	5,7	12	5,7	10	5,7
	5	33	56	309	18,5	18065	31	7,5	20	7,3	15	6,2	12	6,2	10	6,2
16mm	3	30	51	308	18,5	16321	34	5,5	23	5,3	17	5,0	14	5,0	11	5,0
	4	34	58	358	21,5	18651	35	6,9	23	6,7	17	6,4	14	6,4	12	6,4
18mm	3	32	54	390	23,4	17482	40	6,2	27	6	20	5,7	16	5,7	13	5,7
	4	35	60	445	26,7	19240	42	7,8	28	7,6	21	7,3	17	7,3	14	7,3

\* **PS 1:** 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. Yüzüak Makine does not accept any responsibility according to usage of this Table.