

IRRIFORCE MIDI TD2000-300 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : Yüzüak Jet 40 or Yüzüak Atom 40
Hose Diameter and Length : Diameter : 51 mm (2 ") ; Length : 150 meters
Traveller Length : 300 meters

Sprinkler Pcs : 1

				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					
						m ²	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		Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccesity (Bar)	Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccesity (Bar)	Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccesity (Bar)	Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccesity (Bar)	Irriforce Mini Lineer Velocity meter/hour	Total Pressure Neccesity (Bar)
12 mm	2	24	41	140	8,4	8813	21	3,6	14	3,3	10	3	8	3	7	3
	3	29	49	165	9,9	10814	20	4,7	13	4,4	10	5,1	8	5,1	7	5,1
	4	31	53	192	11,5	11630	22	5,9	15	5,5	11	6,2	9	6,2	7	6,2
14 mm	2	22	37	195	11,7	8029	31	3,9	21	3,6	16	3,3	13	3,3	10	3,3
	3	27	46	239	14,3	10007	31	5,2	21	5,1	16	4,5	12	4,5	10	4,5
	4	30	51	277	16,6	11221	33	6,3	22	6	16	5,7	13	5,7	11	5,7
	5	33	56	309	18,5	12455	33	7,5	22	7,3	16	6,2	13	6,2	11	6,2
16mm	3	30	51	308	18,5	11221	36	5,5	24	5,3	18	5,0	15	5,0	12	5,0
	4	34	58	358	21,5	12871	37	6,9	25	6,7	19	6,4	15	6,4	12	6,4
18mm	3	32	54	390	23,4	12042	43	6,2	29	6	22	5,7	17	5,7	14	5,7
	4	35	60	445	26,7	13290	45	7,8	30	7,6	22	7,3	18	7,3	15	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.