



IrriCruiser Mini TD1500-130 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type: DuCaR Atom 28
Hose Diameter and Length: 38 mm (1.5") Drag Hose ; Length: 65 m
Traveller Length: 130 m

Nozzle Size	Sprinkler Pressure		Sprinkler Throw Range		% 85 of Throw Diameter of Sprinkler		Flow Rate			Lineer Velocity		Total Pressure		Lineer Velocity		Total Pressure		Lineer Velocity		Total Pressure		Lineer Velocity		Total Pressure	
	bar	psi	m	ft	m	ft	l/min	m ³ /hour	GPM	m/hour	ft/hour	bar	psi	m/hour	ft/hour	bar	psi	m/hour	ft/hour	bar	psi	m/hour	ft/hour	bar	psi
10 mm	3	44	21	69	36	117	107	6.4	28	16	53	4.6	67	11	35	4.4	64	8	27	4.2	61	6	21	4.2	61
	4	58	23	75	39	128	123	7.4	32	17	56	5.8	84	11	37	5.6	81	8	28	5.4	78	7	22	5.4	78
12mm	2.5	36	20	66	34	112	142	8.5	37	23	74	4.5	65	15	50	4.3	62	11	37	4.1	59	9	30	4.1	59
	3	44	24	79	41	134	157	9.4	41	21	67	5.1	74	14	45	4.9	71	10	34	4.7	68	8	27	4.7	68
14mm	4	58	26	85	44	145	180	10.8	47	22	71	6.3	91	14	47	6.1	88	11	35	5.9	86	9	28	5.9	86
	2	29	21	69	36	117	175	10.5	46	27	87	4.2	61	18	58	4	58	13	44	3.8	55	11	35	3.8	55
	3	44	25	82	43	139	213	12.8	55	27	88	5.6	81	18	58	5.4	78	13	44	5.2	75	11	35	5.2	75

***Note:** 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. DuCaR Sprinklers does not accept any responsibility according to usage of this table.