



OCMIS R2-27/984T

Turbine Drive Hose Reel Irrigator

2.7" ID x 984 ft. PE Tube

Synkro Sprinkler



Standard Features

- Turbine drive w/gearbox power transmission to drive reel. No belts or pulleys!
- Aqua Computer for precise speed setting & run time
- Crossover inlet pipe
- Galvanized steel chassis and turret
- Galvanized reel
- Galvanized steel sprinkler cart with solid rubber tires
- Crank down stabilizers
- Mechanical sprinkler cart lift
- Sime Synkro sprinkler with 4 nozzles
- 20 ft. supply hose

Performance Guide

Nozzle Size	Nozzle Flowrate (gpm)	System Pressure ¹ (psi)	Nozzle Pressure (psi)	Wetted Diameter (ft)	Irr. Width (ft)	Irr. Length (ft)	Irr. Area per Pull (ac)	Required Reel Speed (ft/hr) for Given Depth (in)		
								0.50	1.00	1.50
16 mm, 0.63 in	78	69	50	221	155	1039	3.7	96	48	32
	86	82	60	237	170	1043	4.1	98	49	32
	92	94	70	253	180	1047	4.3	98	49	31
18 mm, 0.71 in	99	76	50	229	165	1041	3.9	116	58	39
	109	89	60	246	175	1045	4.2	120	60	40
	117	102	70	262	185	1050	4.5	122	61	41
20 mm, 0.79 in	123	87	50	242	170	1044	4.1	140	70	46
	134	99	60	259	185	1049	4.5	140	70	46
	145	113	70	275	195	1053	4.7	144	72	48
22 mm, 0.87 in	148	93	50	254	180	1047	4.3	158	79	53
	162	109	60	271	190	1052	4.6	164	82	55
	175	125	70	287	205	1056	5.0	164	82	55
24 mm, 0.94 in	177	105	50	271	190	1052	4.6	180	90	60
	193	123	60	290	205	1057	5.0	182	91	60
	209	139	70	310	220	1062	5.4	184	92	61

¹ System pressure is the pressure required at the machine inlet. It includes the allowances for the sprinkler, PE tube, machine plumbing, and drive friction losses. It does not include any allowances for field elevation differences or supply line pressure losses.

Performance guide is from calculated data; actual field performance may vary depending on pressure, terrain, wind, and field conditions.

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