

OCMIS R2-27/886T

Turbine Drive Hose Reel Irrigator

2.7" ID x 886 Ft. PE Tube

Synkro Sprinkler

Standard Features



- Turbine drive with gearbox power transmission to drive reel.
- No belts or pulleys!
- Crossover inlet pipe
- Galvanized steel chassis and turret
- Reel coated by epoxy resin and painted with polyurethane paint
- Galvanized steel sprinkler cart with pneumatic tires
- Crank down stabilizers
- Mechanical sprinkler cart lift
- PTO rewind
- Tachometer speed readout
- 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	67	50	221	155	941	3.3	97	49	32
	86	80	60	237	170	945	3.7	97	49	32
	92	92	70	253	180	949	3.9	99	49	33
18 mm, 0.71 in	99	74	50	229	165	943	3.6	116	58	39
	109	87	60	246	175	947	3.8	119	60	40
	117	99	70	262	185	952	4.0	122	61	41
20 mm, 0.79 in	123	81	50	242	170	946	3.7	139	69	46
	134	95	60	259	185	951	4.0	140	70	47
	145	109	70	275	195	955	4.3	143	72	48
22 mm, 0.87 in	148	89	50	254	180	949	3.9	158	79	53
	162	104	60	271	190	954	4.2	164	82	55
	175	119	70	287	205	958	4.5	165	82	55
24 mm, 0.94 in	177	99	50	271	190	954	4.2	179	89	60
	193	116	60	290	205	959	4.5	182	91	61
	209	131	70	310	220	964	4.9	183	91	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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