

Xi-Wob®

Patent # 6932279

Designed for rigid polyethylene or steel drop applications!

The new Senninger Xi-Wob® provides the same ultra-low application intensity that has made the Senninger i-Wob® the leading pivot sprinkler on the market. The Xi-Wob uses patented counter-balance technology eliminating the need for flexible hose drops.

Xi-Wob 615

Model 615

- 6-groove
- 15° trajectory
- larger sized droplets
- nozzles #10 - #24

NEW!
Now Available



Features

- Designed specifically for use on rigid PE or steel drops
- Ultra-low application intensity to preserve soil integrity
- Excellent distance of throw- up to 53 ft (16.2 m) diameter
- Three different groove geometries provide application flexibility
- Low pressure operation saves money and energy 10-15 psi (0.69-1.03 bar)
- Utilizes Senninger i-Wob technology proven for excellent performance and durability
- Backed by Senninger's 2-year warranty and renowned service

Xi-Wob 610



Model 610

- 6-groove
- 10° trajectory
- medium sized droplets
- nozzles #7 - #24

Xi-Wob 910



Model 910

- 9-groove
- 10° trajectory
- smaller sized droplets
- nozzles #10 - #24



Not warranted for rigid installations on offsets or booms longer than 10.5 ft (3.5 m). Longer offsets require minimum 2 ft. reinforced flex hose.

Not recommended for use on mini pivots

NOTE:

Use model 610 for placements requiring smaller nozzles.

Xi-Wob - U.S. Data

Sprinkler Base Pressure Model Number	10 psi			15 psi		
	610	615	910	610	615	910
#7 Nozzle - Lime 7/64"						
Flow [gpm]	1.12	Use 610		1.34	Use 610	
Diam. at 3ft. ht.	29.5			34.0		
Diam. at 6ft. ht.	34.5			39.0		
#8 Nozzle - Lavender 1/8"						
Flow [gpm]	1.45	Use 610		1.73	Use 610	
Diam. at 3ft. ht.	31.0			35.0		
Diam. at 6ft. ht.	36.0			40.5		
#9 Nozzle - Grey 9/64"						
Flow [gpm]	1.82	Use 610		2.17	Use 610	
Diam. at 3ft. ht.	32.0			36.5		
Diam. at 6ft. ht.	37.5			42.0		
#10 Nozzle - Turquoise 5/32"						
Flow [gpm]	2.25	2.25	2.25	2.69	2.69	2.69
Diam. at 3ft. ht.	33.0	38.0	33.0	37.5	43.0	38.0
Diam. at 6ft. ht.	38.5	43.0	38.0	43.0	46.0	42.5
#11 Nozzle - Yellow 11/64"						
Flow [gpm]	2.65	2.65	2.65	3.21	3.21	3.21
Diam. at 3ft. ht.	34.0	39.0	34.0	38.0	43.0	38.5
Diam. at 6ft. ht.	40.0	43.0	39.0	44.0	48.0	43.0
#12 Nozzle - Red 3/16"						
Flow [gpm]	3.16	3.16	3.16	3.81	3.81	3.81
Diam. at 3ft. ht.	35.0	39.0	34.5	38.5	44.0	39.0
Diam. at 6ft. ht.	40.5	44.0	40.0	44.5	49.0	43.5
#13 Nozzle - White 13/64"						
Flow [gpm]	3.77	3.77	3.77	4.50	4.50	4.50
Diam. at 3ft. ht.	35.5	40.0	35.0	39.0	44.0	39.0
Diam. at 6ft. ht.	41.5	44.0	40.0	45.0	49.0	44.0
#14 Nozzle - Blue 7/32"						
Flow [gpm]	4.39	4.39	4.39	5.24	5.24	5.24
Diam. at 3ft. ht.	36.0	41.0	35.0	39.5	44.0	39.0
Diam. at 6ft. ht.	42.0	44.0	40.5	45.0	50.0	44.0
#15 Nozzle - Dark Brown 15/64"						
Flow [gpm]	5.05	5.05	5.05	6.03	6.03	6.03
Diam. at 3ft. ht.	36.0	42.0	35.5	39.5	45.0	39.5
Diam. at 6ft. ht.	42.0	45.0	40.5	45.5	50.0	44.5
#16 Nozzle - Orange 1/4"						
Flow [gpm]	5.79	5.79	5.79	6.91	6.91	6.91
Diam. at 3ft. ht.	36.5	43.0	35.5	39.5	45.0	39.5
Diam. at 6ft. ht.	42.5	45.0	40.5	45.5	50.0	44.5
#17 Nozzle - Dark Green 17/64"						
Flow [gpm]	6.50	6.50	6.50	7.76	7.76	7.76
Diam. at 3ft. ht.	36.5	43.0	35.5	40.0	45.0	39.5
Diam. at 6ft. ht.	42.5	45.0	40.5	46.0	51.0	44.5
#18 Nozzle - Purple 9/32"						
Flow [gpm]	7.25	7.25	7.25	8.65	8.65	8.65
Diam. at 3ft. ht.	36.5	43.0	35.5	40.0	46.0	40.0
Diam. at 6ft. ht.	42.5	46.0	40.5	46.0	51.0	45.0
#19 Nozzle - Black 19/64"						
Flow [gpm]	7.99	7.99	7.99	9.54	9.54	9.54
Diam. at 3ft. ht.	36.5	43.0	35.5	40.0	46.0	40.0
Diam. at 6ft. ht.	42.5	46.0	40.5	46.0	51.0	45.0
#20 Nozzle - Dark Turquoise 5/16"						
Flow [gpm]	8.75	8.75	8.75	10.44	10.44	10.44
Diam. at 3ft. ht.	36.5	44.0	35.5	40.0	46.0	40.0
Diam. at 6ft. ht.	42.5	46.0	41.0	46.0	52.0	45.0
#21 Nozzle - Mustard 21/64"						
Flow [gpm]	9.52	9.52	9.52	11.36	11.36	11.36
Diam. at 3ft. ht.	36.5	44.0	35.5	40.0	47.0	40.0
Diam. at 6ft. ht.	42.5	47.0	41.0	46.0	52.0	45.0
#22 Nozzle - Maroon 11/32"						
Flow [gpm]	10.29	10.29	10.29	12.28	12.28	12.28
Diam. at 3ft. ht.	37.0	44.0	35.5	40.5	47.0	40.5
Diam. at 6ft. ht.	43.0	49.0	41.0	46.5	53.0	45.0
#23 Nozzle - Cream 23/64"						
Flow [gpm]	11.18	11.18	11.18	13.34	13.34	13.34
Diam. at 3ft. ht.	37.0	45.0	35.5	40.5	47.0	40.5
Diam. at 6ft. ht.	43.0	50.0	41.0	46.5	53.0	45.5
#24 Nozzle - Dark Blue 3/8"						
Flow [gpm]	12.06	12.06	12.06	14.40	14.40	14.40
Diam. at 3ft. ht.	37.0	45.0	35.5	40.5	48.0	40.5
Diam. at 6ft. ht.	43.0	50.0	41.0	46.5	53.0	45.5

Xi-Wob - Metric Data

Sprinkler Base Pressure Model Number	0.69 bar			1.03 bar		
	610	615	910	610	615	910
#7 Nozzle - Lime 2.78 mm						
Flow [L/hr]	254			304		
Diam. at 0.91 m [m]	9.1			10.3		
Diam. at 1.83 m [m]	10.6			11.8		
#8 Nozzle - Lavender 3.18 mm						
Flow [L/hr]	329			393		
Diam. at 0.91 m [m]	9.5			10.7		
Diam. at 1.83 m [m]	11.0			12.3		
#9 Nozzle - Grey 3.57 mm						
Flow [L/hr]	413			493		
Diam. at 0.91 m [m]	9.8			11.1		
Diam. at 1.83 m [m]	11.4			12.7		
#10 Nozzle - Turquoise 3.97 mm						
Flow [L/hr]	511	511	511	611	611	611
Diam. at 0.91 m [m]	10.1	11.6	10.1	11.4	13.1	11.8
Diam. at 1.83 m [m]	11.7	13.1	11.6	13.1	14.0	12.9
#11 Nozzle - Yellow 4.37 mm						
Flow [L/hr]	602	602	602	729	729	729
Diam. at 0.91 m [m]	10.4	11.9	10.4	11.6	13.1	11.7
Diam. at 1.83 m [m]	12.1	13.1	11.9	13.4	14.6	13.1
#12 Nozzle - Red 4.76 mm						
Flow [L/hr]	718	718	718	865	865	865
Diam. at 0.91 m [m]	10.6	11.9	10.6	11.8	13.4	11.8
Diam. at 1.83 m [m]	12.3	13.7	12.1	13.6	14.9	13.3
#13 Nozzle - White 5.16 mm						
Flow [L/hr]	856	856	856	1022	1022	1022
Diam. at 0.91 m [m]	10.8	12.2	10.6	11.9	13.4	11.9
Diam. at 1.83 m [m]	12.6	13.7	12.3	13.7	14.9	13.4
#14 Nozzle - Blue 5.56 mm						
Flow [L/hr]	997	997	997	1190	1190	1190
Diam. at 0.91 m [m]	10.9	12.5	10.7	12.0	13.4	11.5
Diam. at 1.83 m [m]	12.7	14.0	12.3	13.8	15.2	13.4
#15 Nozzle - Dark Brown 5.95 mm						
Flow [L/hr]	1147	1147	1147	1370	1370	1370
Diam. at 0.91 m [m]	11.0	12.8	10.8	12.0	13.7	12.0
Diam. at 1.83 m [m]	12.8	14.0	12.3	13.8	15.2	13.5
#16 Nozzle - Orange 6.35 mm						
Flow [L/hr]	1315	1315	1315	1569	1569	1569
Diam. at 0.91 m [m]	11.1	13.1	10.8	12.1	13.7	12.0
Diam. at 1.83 m [m]	12.9	14.0	12.4	13.9	15.2	13.5
#17 Nozzle - Dark Green 6.75 mm						
Flow [L/hr]	1476	1476	1476	1762	1762	1762
Diam. at 0.91 m [m]	11.1	13.1	10.8	12.1	13.7	12.1
Diam. at 1.83 m [m]	13.0	14.3	12.4	14.0	15.5	13.6
#18 Nozzle - Purple 7.14 mm						
Flow [L/hr]	1647	1647	1647	1965	1965	1965
Diam. at 0.91 m [m]	11.2	13.1	10.8	12.2	14.0	12.2
Diam. at 1.83 m [m]	13.0	14.6	12.4	14.0	15.5	13.7
#19 Nozzle - Black 7.54 mm						
Flow [L/hr]	1815	1815	1815	2167	2167	2167
Diam. at 0.91 m [m]	11.2	13.1	10.8	12.2	14.0	12.2
Diam. at 1.83 m [m]	13.0	14.9	12.4	14.0	15.5	13.7
#20 Nozzle - Dark Turquoise 7.94 mm						
Flow [L/hr]	1987	1987	1987	2371	2371	2371
Diam. at 0.91 m [m]	11.2	13.4	10.8	12.3	14.0	12.2
Diam. at 1.83 m [m]	13.0	14.9	12.4	14.1	15.8	13.7
#21 Nozzle - Mustard 8.33 mm						
Flow [L/hr]	2162	2162	2162	2580	2580	2580
Diam. at 0.91 m [m]	11.2	13.4	10.8	12.3	14.3	12.3
Diam. at 1.83 m [m]	13.0	14.9	12.5	14.1	15.8	13.8
#22 Nozzle - Maroon 8.73 mm						
Flow [L/hr]	2337	2337	2337	2789	2789	2789
Diam. at 0.91 m [m]	11.2	13.4	10.9	12.3	14.3	12.3
Diam. at 1.83 m [m]	13.1	14.9	12.5	14.1	16.2	13.8
#23 Nozzle - Cream 9.13 mm						
Flow [L/hr]	2539	2539	2539	3030	3030	3030
Diam. at 0.91 m [m]	11.2	13.7	10.9	12.3	14.3	12.3
Diam. at 1.83 m [m]	13.1	15.2	12.5	14.2	16.2	13.8
#24 Nozzle - Dark Blue 9.53 mm						
Flow [L/hr]	2739	2739	2739	3271	3271	3271
Diam. at 0.91 m [m]	11.3	13.7	10.9	12.4	14.6	12.3
Diam. at 1.83 m [m]	13.1	15.2	12.5	14.0	16.2	13.8

Installation of the Senninger Xi-Wob should also incorporate the use of a Senninger PSR pressure regulator. Selection of the proper combination of Xi-Wob deflector and PSR model (10 psi, 12 psi, or 15 psi regulated pressure), allows for customization of the sprinkler application pattern and droplet size for almost any application. Half-size nozzles also available. Figures reflect actual test data obtained under ideal conditions. Production models may vary slightly. Consult factory for higher flow demands.