MECHANIZED IRRIGATION

i-Wob®

Consistent
Droplet Size &
Unmatched
Uniformity at
Low Pressures!

Senninger®
Irrigation Inc.

i-Wob® [Unmatched Uniformity

i-Wob®

The Senninger i-Wob is the most innovative pivot applicator on the market. Its unique rotary action combined with its groove geometry delivers a consistent droplet size and outstanding uniformity over a large area of coverage. This design offers distinct benefits in preventing wind drift and providing a gentle, rain-like application of water to the soil. The i-Wob doesn't dissolve soil clods or seal over the soil like other products.

Standard-Angle: 9-Groove
black deflector, medium droplets

Senninger Irrigation Inc. Call (407) 877-5655 • Web: www.senninger.com • E-Mail: info@senninger.com

The Most Requested Applicator] i-Wob®

Unmatched Uniformity

Uniformity of application rate is an important considersation in lowering application intensity. Some stream-driven applicators deliver water in a more concentrated ring along the outer diameter of the coverage area. This more intense application can negatively impact the soil surface. The i-Wob offers a gentle more uniform delivery.

Large Area of Coverage

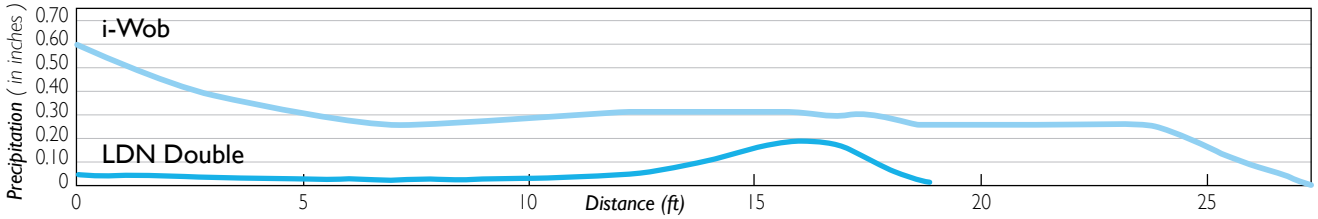
The i-Wob provides the largest area of instantaneous coverage at a lower pressure than any other market device minimizing the impact on the soil surface and crop. The larger the area of soil surface that water is applied to any given instant of a sprinkler's operation, the lower the impact of the sprinklers pattern on the soil structure, preserving the soil's ability to absorb water. Larger instananeous coverage area also reduces the rate at which the soil is required to take in water. Preservation of intake rate and increased soak times greatly reduce the potential for irrigation water run-off and wheel rutting.

Low-Angle: 9-Groove
blue deflector, smaller droplets

Low-Angle: 6-Groove
white deflector, larger droplets

i-Wob® /Spray Nozzle [Comparision

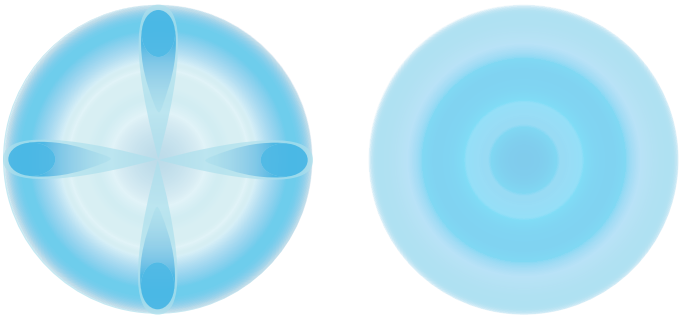
Sprinkler Profiles



The wobbling action of the i-Wob's shroud allows it to throw water much farther than other spray nozzles and sprinklers operating at low pressures. (Above: 20 psi [1.38 bar], 6ft. [1.83m] height, 11/32" [8.73 mm] nozzle, flow 14.27 gpm [0.90 L/s] in no-wind conditions.)

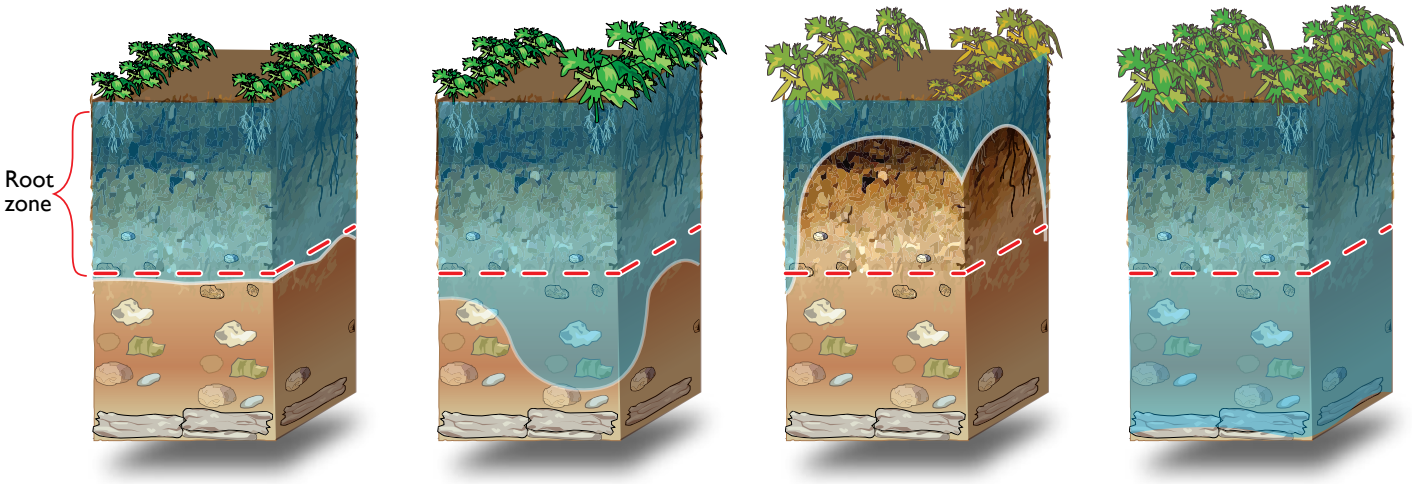
Views of Distribution

Stream-driven applicators can provide good throw distance but their distinct streams instantaneously place the entire flow in a relatively small area when compared to the i-Wob. The i-Wob offers uniform coverage immediately. This means it wets a much larger area with a much lower instantaneous application intensity, preserving soil structure and infiltration capability.



In this example, the i-Wob is spreading the same amount of water over an area five times greater than the area covered by the stream driven nozzle.

Low Pressure, High Uniformity



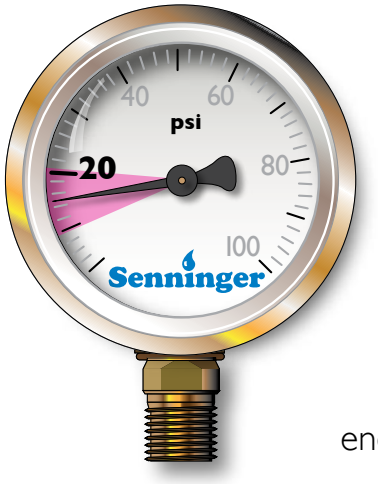
Good uniformity- healthy soil

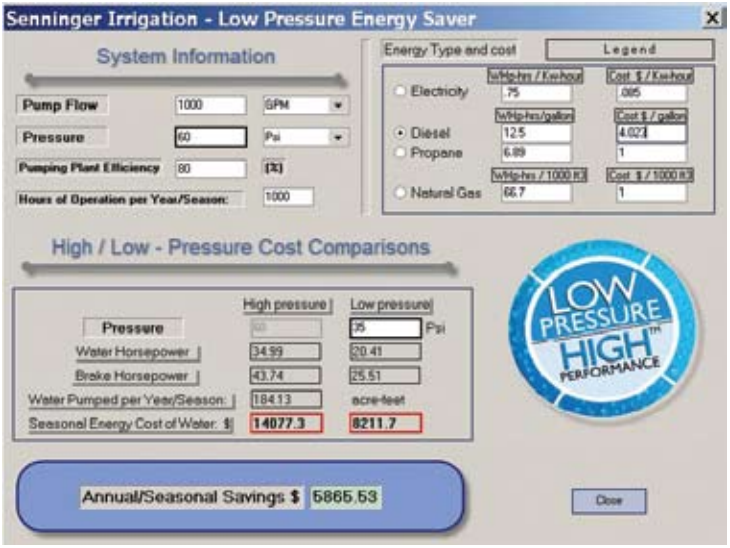
Poor Distribution & Excessive Watering

Insufficient Watering; or sealed soil surface

Excessive Watering due to poor uniformity or runoff from other areas.

Senninger Irrigation's i-Wob is designed for peak performance at ultra-low pressures of 10 to 20 psi [0.69 bar to 1.38 bar]. Lower pressure translates to reduced horsepower requirements and reduced energy consumption. These low operating pressures offer irrigators a tremendous opportunity to lower total pumping costs. Products specifically designed to provide peak performance in this low pressure range offer a center pivot irrigator increased energy savings.





Energy Savings Calculator

The Energy Saver program by Senninger Irrigation is another tool that reinforces the benefit of converting your system to LOW PRESSURE-HIGH PERFORMANCE. It gives you a first-hand look at the cost savings in lowering your pressure without sacrificing uniformity.

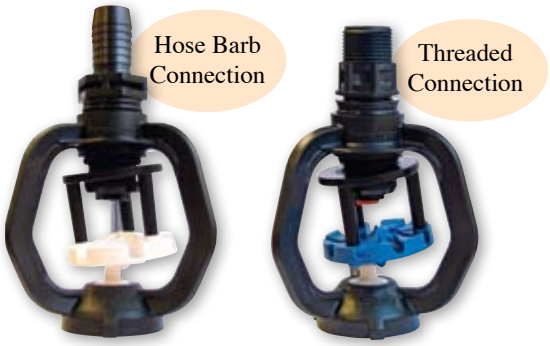
Available in the WinSipp2 program or online at www.senninger.com as a link in the Mechanized Irrigation section side bar.

i-Wob® [3 Models

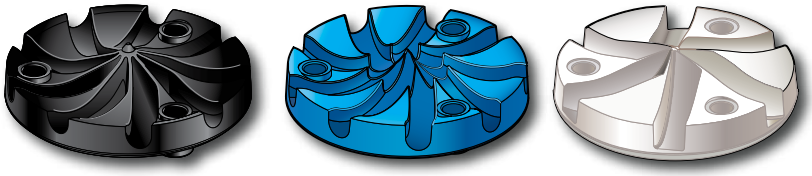
Threaded Weight for Stability

The i-Wob weight is easy to install and helps maintain the applicator's position and pattern integrity. It provides better stability and less stress on drops, exposing less surface area to the wind than conventional drop weights. The lower position means less weight is required for counteracting the effects of wind. A 3/4-pound i-Wob weight is as effective as a 2-pound Polyethylene weight. Available in 1/2, 3/4, and 1 pound models.

The Senninger i-Wob is available with three different deflectors. This allows you to customize the droplet size and trajectory that best suits your installation, soil, and crop needs. The i-Wob is also available with either a threaded or hose barb connection.



i-Wob System Design Criteria



To maintain product warranty, refer to the chart below

	Standard Angle 9-groove	Low Angle 9-groove	Low Angle 6-groove
Nozzle Sizes			
Minimum	#6 3/32 inch [2.38 mm]	#6 3/32 inch [2.38 mm]	#12 3/16 inch [4.76 mm]
Maximum*	#26 13/32 inch [10.32 mm]	#26 13/32 inch [10.32 mm]	#26 13/32 inch [10.32 mm]
Maximum Spacing**			
at 6 ft (1.8 m) ground clearance	20 ft [6.1 m]	18 ft [5.5 m]	15 ft [4.6 m]
Operating Pressure at the noz.			
Minimum	10 psi [0.69 bar]	10 psi [0.69 bar]	10 psi [0.69 bar]
Maximum	20 psi [1.38 bar]	20 psi [1.38 bar]	20 psi [1.38 bar]

* It is recommended that larger nozzle sizes be used only on soils and slopes that can handle higher application rates.
** For optimum performance Senninger recommends the use of maximum spacing for 1-2 spans only.
*** Maintenance note: Keep i-Wobs above crop canopy when outlet spacing exceeds 10 ft [3 m]. This is especially important on high profile crops.

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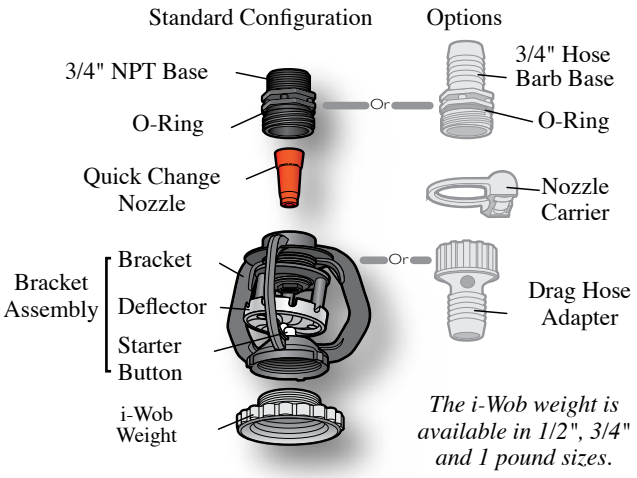


The i-Wob weight is available in 1/2", 3/4" and 1 pound sizes.

Important Notes:

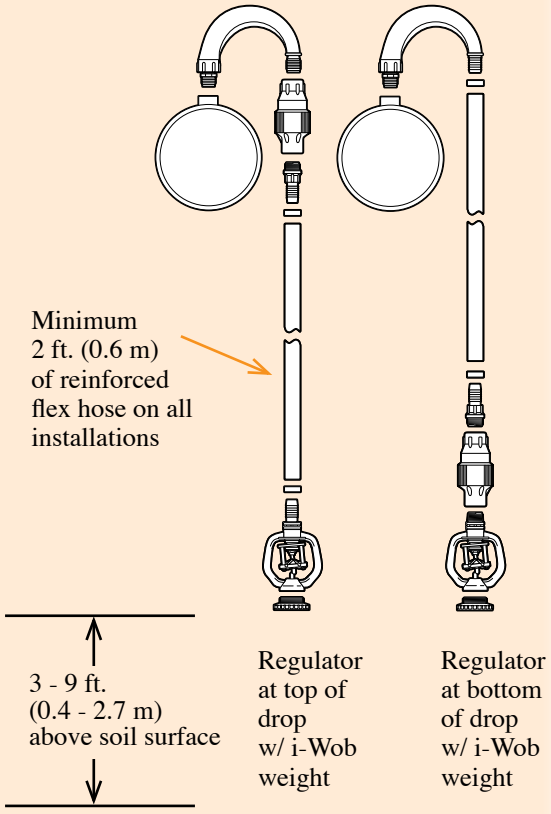
1. Because of its off-center rotary action, it is necessary that the i-Wob be mounted with a minimum of two feet [0.6 m] reinforced flexible hose above the applicator.

2. When using the threaded i-Wob lower weight, never use another weight above the nozzle.

3. If you are using a conventional weight above the i-Wob, only use a threaded weight weighing at least 1.5 lbs. [0.7 kg] but not exceeding 1 ft. [0.31m] in length. Please note that using a slip-over drop weight is prohibited as it may cause premature failure of the drop assembly.

Installation Components

To maintain product warranty, and maximize drop component life, refer to the diagrams below...



See our Gooseneck Brochure for other installation options.

Custom Pivot Packages

For the best performance from your pivot, ask your dealer for a Senninger pivot package. Senninger water application engineers will design the ideal i-Wob set for your specific machine, field conditions, and climate. Once your set arrives, installation is easy. Each i-Wob set will be sequence-packed and each applicator's location clearly numbered on both the applicator and a computer printout.

For an accurate pivot package printout, it is critical that you specifiy if pressure regulators are being used at the top or bottom of the drops.

Performance Data [Nozzles #6-16

I-WOB MODELS

SPRINKLER BASE PRESSURE [psi]	STD. ANGLE 9			LOW ANGLE 9			LOW ANGLE 6		
	10	15	20	10	15	20	10	15	20
#6 Nozzle - Gold 3/32"									
Flow [gpm]	0.82	0.96	1.14	0.82	0.96	1.14	-	-	-
Diam. at 3' ht. [ft.]	31	39	44	31	35	38	-	-	-
Diam. at 6' ht. [ft.]	34	40	45	35	39	41	-	-	-
#7 Nozzle - Lime 7/64"									
Flow [gpm]	1.12	1.34	1.56	1.12	1.34	1.56	-	-	-
Diam. at 3' ht. [ft.]	34	42	47	32	36	40	-	-	-
Diam. at 6' ht. [ft.]	37	43	48	36	40	42	-	-	-
#8 Nozzle - Lavender 1/8"									
Flow [gpm]	1.45	1.73	2.01	1.45	1.73	2.01	-	-	-
Diam. at 3' ht. [ft.]	36	44	48	33	38	41	-	-	-
Diam. at 6' ht. [ft.]	39	45	50	38	42	43	-	-	-
#9 Nozzle - Grey 9/64"									
Flow [gpm]	1.82	2.17	2.52	1.82	2.17	2.52	-	-	-
Diam. at 3' ht. [ft.]	38	45	50	34	39	42	-	-	-
Diam. at 6' ht. [ft.]	41	47	52	39	43	44	-	-	-
#10 Nozzle - Turquoise 5/32"									
Flow [gpm]	2.25	2.69	3.12	2.25	2.69	3.12	-	-	-
Diam. at 3' ht. [ft.]	39	47	51	36	40	43	-	-	-
Diam. at 6' ht. [ft.]	43	49	54	40	44	45	-	-	-
#11 Nozzle - Yellow 11/64"									
Flow [gpm]	2.65	3.21	3.76	2.65	3.21	3.76	-	-	-
Diam. at 3' ht. [ft.]	41	48	52	37	41	44	-	-	-
Diam. at 6' ht. [ft.]	45	51	56	41	45	46	-	-	-
#12 Nozzle - Red 3/16"									
Flow [gpm]	3.16	3.81	4.45	3.16	3.81	4.45	3.16	3.81	4.45
Diam. at 3' ht. [ft.]	42	49	53	38	42	45	40	45	46
Diam. at 6' ht. [ft.]	47	52	57	42	46	47	44	47	50
#13 Nozzle - White 13/64"									
Flow [gpm]	3.77	4.50	5.23	3.77	4.50	5.23	3.77	4.50	5.23
Diam. at 3' ht. [ft.]	43	50	54	39	44	46	41	45	47
Diam. at 6' ht. [ft.]	48	54	58	44	47	48	45	48	51
#14 Nozzle - Blue 7/32"									
Flow [gpm]	4.39	5.24	6.09	4.39	5.24	6.09	4.39	5.24	6.09
Diam. at 3' ht. [ft.]	44	50	54	40	45	47	42	46	47
Diam. at 6' ht. [ft.]	49	54	58	45	48	49	46	48	52
#15 Nozzle - Dark Brown 15/64"									
Flow [gpm]	5.05	6.03	7.00	5.05	6.03	7.00	5.05	6.03	7.00
Diam. at 3' ht. [ft.]	45	51	55	40	46	47	42	46	48
Diam. at 6' ht. [ft.]	50	55	59	45	48	50	46	49	52
#16 Nozzle - Orange 1/4"									
Flow [gpm]	5.79	6.91	8.03	5.79	6.91	8.03	5.79	6.91	8.03
Diam. at 3' ht. [ft.]	45	52	55	41	46	47	42	46	48
Diam. at 6' ht. [ft.]	50	55	59	45	49	50	46	50	52

I-WOB MODELS

SPRINKLER BASE PRESSURE [bar]	STD. ANGLE 9			LOW ANGLE 9			LOW ANGLE 6		
	0.69	1.03	1.38	0.69	1.03	1.38	0.69	1.03	1.38
#6 Nozzle - Gold [2.38 mm]									
Flow [L/s]	0.05	0.06	0.07	0.05	0.06	0.07	-	-	-
Diam. at 0.91m ht. [m]	9.6	12.0	13.4	9.4	10.7	11.7	-	-	-
Diam. at 1.83m ht. [m]	10.5	12.3	13.8	10.7	12.0	12.4	-	-	-
#7 Nozzle - Lime [2.78 mm]									
Flow [L/s]	0.07	0.08	0.10	0.07	0.08	0.10	-	-	-
Diam. at 0.91m ht. [m]	10.4	12.9	14.2	9.8	11.1	12.1	-	-	-
Diam. at 1.83m ht. [m]	11.3	13.1	14.5	11.1	12.3	12.7	-	-	-
#8 Nozzle - Lavender [3.18 mm]									
Flow [L/s]	0.09	0.11	0.13	0.09	0.11	0.13	-	-	-
Diam. at 0.91m ht. [m]	11.0	13.4	14.8	10.1	11.5	12.4	-	-	-
Diam. at 1.83m ht. [m]	12.0	13.8	15.3	11.5	12.7	13.1	-	-	-
#9 Nozzle - Grey [3.57 mm]									
Flow [L/s]	0.11	0.14	0.16	0.11	0.14	0.16	-	-	-
Diam. at 0.91m ht. [m]	11.5	13.8	15.2	10.5	11.8	12.8	-	-	-
Diam. at 1.83m ht. [m]	12.6	14.5	15.9	11.8	13.0	13.4	-	-	-
#10 Nozzle - Turquoise [3.97 mm]									
Flow [L/s]	0.14	0.17	0.20	0.14	0.17	0.20	-	-	-
Diam. at 0.91m ht. [m]	11.9	14.2	15.6	10.9	12.2	13.2	-	-	-
Diam. at 1.83m ht. [m]	13.2	15.1	16.5	12.2	13.4	13.8	-	-	-
#11 Nozzle - Yellow [4.37 mm]									
Flow [L/s]	0.17	0.20	0.24	0.17	0.20	0.24	-	-	-
Diam. at 0.91m ht. [m]	12.4	14.6	15.9	11.2	12.6	13.5	-	-	-
Diam. at 1.83m ht. [m]	13.8	15.6	17.0	12.6	13.7	14.1	-	-	-
#12 Nozzle - Red [4.76 mm]									
Flow [L/s]	0.20	0.24	0.28	0.20	0.24	0.28	0.20	0.24	0.28
Diam. at 0.91m ht. [m]	12.7	14.9	16.2	11.6	12.9	13.8	12.2	13.6	14.1
Diam. at 1.83m ht. [m]	14.2	16.0	17.3	12.9	14.0	14.4	13.3	14.2	15.4
#13 Nozzle - White [5.16 mm]									
Flow [L/s]	0.24	0.28	0.33	0.24	0.28	0.33	0.24	0.28	0.33
Diam. at 0.91m ht. [m]	13.0	15.1	16.5	12.0	13.3	14.0	12.5	13.8	14.2
Diam. at 1.83m ht. [m]	14.6	16.3	17.6	13.3	14.3	14.7	13.7	14.5	15.7
#14 Nozzle - Blue [5.56 mm]									
Flow [L/s]	0.28	0.33	0.38	0.28	0.33	0.38	0.28	0.33	0.38
Diam. at 0.91m ht. [m]	13.3	15.4	16.6	12.1	13.7	14.2	12.7	13.9	14.4
Diam. at 1.83m ht. [m]	14.9	16.6	17.8	13.6	14.6	15.0	13.9	14.7	15.8
#15 Nozzle - Orange [6.35 mm]									
Flow [L/s]	0.32	0.38	0.44	0.32	0.38	0.44	0.32	0.38	0.44
Diam. at 0.91m ht. [m]	13.6	15.6	16.7	12.3	13.9	14.3	12.8	14.0	14.5
Diam. at 1.83m ht. [m]	15.2	16.8	17.9	13.7	14.7	15.1	14.0	14.9	15.9
#16 Nozzle - Dark Green [6.75 mm]									
Flow [L/s]	0.36	0.44	0.51	0.36	0.44	0.51	0.36	0.44	0.51
Diam. at 0.91m ht. [m]	13.8	15.7	16.8	12.4	14.0	14.4	12.9	14.2	14.6
Diam. at 1.83m ht. [m]	15.3	16.8	17.9	13.8	14.8	15.2	14.2	15.1	15.9

Nozzles #17-26] Performance Data

I-WOB MODELS

SPRINKLER BASE PRESSURE [psi]	STD. ANGLE 9 10	STD. ANGLE 9 15	STD. ANGLE 9 20	LOW ANGLE 9 10	LOW ANGLE 9 15	LOW ANGLE 9 20	LOW ANGLE 6 10	LOW ANGLE 6 15	LOW ANGLE 6 20
#17 Nozzle - Dark Green [17/64"]									
Flow [gpm]	6.50	7.76	9.01	6.50	7.76	9.01	6.50	7.76	9.01
Diam. at 3' ht. [ft.]	46	52	55	41	46	47	43	47	48
Diam. at 6' ht. [ft.]	51	55	59	45	49	50	47	50	52
#18 Nozzle - Purple [9/32"]									
Flow [gpm]	7.25	8.65	10.04	7.25	8.65	10.04	7.25	8.65	10.04
Diam. at 3' ht. [ft.]	46	52	56	41	46	47	43	47	49
Diam. at 6' ht. [ft.]	51	56	59	45	49	50	47	51	52
#19 Nozzle - Black [19/64"]									
Flow [gpm]	7.99	9.54	11.08	7.99	9.54	11.08	7.99	9.54	11.08
Diam. at 3' ht. [ft.]	47	52	56	41	46	48	44	48	49
Diam. at 6' ht. [ft.]	51	56	59	46	49	51	47	51	53
#20 Nozzle - Dark Turquiose [5/16"]									
Flow [gpm]	8.75	10.44	12.13	8.75	10.44	12.13	8.75	10.44	12.13
Diam. at 3' ht. [ft.]	47	53	56	41	47	48	44	48	49
Diam. at 6' ht. [ft.]	51	56	60	46	49	51	47	51	53
#21 Nozzle - Mustard [21/64"]									
Flow [gpm]	9.52	11.36	13.20	9.52	11.36	13.20	9.52	11.36	13.20
Diam. at 3' ht. [ft.]	48	53	56	42	47	48	44	48	49
Diam. at 6' ht. [ft.]	51	56	60	46	50	51	47	52	53
#22 Nozzle - Maroon [11/32"]									
Flow [gpm]	10.29	12.28	14.27	10.29	12.28	14.27	10.29	12.28	14.27
Diam. at 3' ht. [ft.]	48	53	56	42	47	48	44	48	49
Diam. at 6' ht. [ft.]	52	56	60	46	50	51	47	52	53
#23 Nozzle - Cream [23/64"]									
Flow [gpm]	11.18	13.34	15.50	11.18	13.34	15.50	11.18	13.34	15.50
Diam. at 3' ht. [ft.]	48	53	56	42	47	48	44	49	49
Diam. at 6' ht. [ft.]	52	57	60	46	50	51	48	52	53
#24 Nozzle - Dark Blue [3/8"]									
Flow [gpm]	12.06	14.40	16.73	12.06	14.40	16.73	12.06	14.40	16.73
Diam. at 3' ht. [ft.]	48	53	56	42	47	48	44	49	49
Diam. at 6' ht. [ft.]	52	57	60	46	50	52	48	53	53
#25 Nozzle - Copper [25/64"]									
Flow [gpm]	13.50	16.60	19.10	13.50	16.60	19.10	13.50	16.60	19.10
Diam. at 3' ht. [ft.]	48	53	56	42	47	48	44	49	49
Diam. at 6' ht. [ft.]	52	57	60	46	50	52	48	53	53
#26 Nozzle - Bronze [13/32"]									
Flow [gpm]	14.50	17.80	20.50	14.50	17.80	20.50	14.50	17.80	20.50
Diam. at 3' ht. [ft.]	48	53	56	42	47	48	44	49	49
Diam. at 6' ht. [ft.]	52	57	60	46	50	52	48	53	53

I-WOB MODELS

SPRINKLER BASE PRESSURE [bar]	STD. ANGLE 9 0.69	STD. ANGLE 9 1.03	STD. ANGLE 9 1.38	LOW ANGLE 9 0.69	LOW ANGLE 9 1.03	LOW ANGLE 9 1.38	LOW ANGLE 6 0.69	LOW ANGLE 6 1.03	LOW ANGLE 6 1.38
#17 Nozzle - Dark Green [6.75 mm]									
Flow [L/s]	0.41	0.49	0.57	0.41	0.49	0.57	0.41	0.49	0.57
Diam. at 0.91m ht. [m]	14.0	15.9	16.9	12.4	14.0	14.4	13.1	14.3	14.8
Diam. at 1.83m ht. [m]	15.4	16.9	18.0	13.8	14.9	15.3	14.3	15.3	16.0
#18 Nozzle - Purple [7.14 mm]									
Flow [L/s]	0.46	0.54	0.63	0.46	0.54	0.63	0.46	0.54	0.63
Diam. at 0.91m ht. [m]	14.2	15.9	17.0	12.5	14.1	14.5	13.2	14.4	14.8
Diam. at 1.83m ht. [m]	15.5	17.0	18.1	13.8	14.9	15.4	14.3	15.4	16.0
#19 Nozzle - Black [7.54 mm]									
Flow [L/s]	0.50	0.60	0.70	0.50	0.60	0.70	0.50	0.60	0.70
Diam. at 0.91m ht. [m]	14.3	16.0	17.0	12.6	14.2	14.5	13.3	14.5	14.9
Diam. at 1.83m ht. [m]	15.6	17.0	18.1	13.9	15.0	15.4	14.4	15.5	16.0
#20 Nozzle - Dark Turquiose [7.94 mm]									
Flow [L/s]	0.55	0.66	0.76	0.55	0.66	0.76	0.55	0.66	0.76
Diam. at 0.91m ht. [m]	14.4	16.0	17.1	12.6	14.2	14.5	13.4	14.6	14.9
Diam. at 1.83m ht. [m]	15.6	17.1	18.2	13.9	15.0	15.5	14.4	15.6	16.0
#21 Nozzle - Mustard [8.33 mm]									
Flow [L/s]	0.60	0.72	0.83	0.60	0.72	0.83	0.60	0.72	0.83
Diam. at 0.91m ht. [m]	14.5	16.1	17.1	12.7	14.3	14.5	13.4	14.7	14.9
Diam. at 1.83m ht. [m]	15.7	17.1	18.2	13.9	15.1	15.6	14.4	15.7	16.1
#22 Nozzle - Maroon [8.73 mm]									
Flow [L/s]	0.65	0.77	0.90	0.65	0.77	0.90	0.65	0.77	0.90
Diam. at 0.91m ht. [m]	14.5	16.2	17.2	12.7	14.3	14.6	13.4	14.8	14.9
Diam. at 1.83m ht. [m]	15.7	17.2	18.3	14.0	15.2	15.6	14.5	15.8	16.1
#23 Nozzle - Cream [9.13 mm]									
Flow [L/s]	0.70	0.84	0.98	0.70	0.84	0.98	0.70	0.84	0.98
Diam. at 0.91m ht. [m]	14.6	16.2	17.2	12.7	14.4	14.6	13.5	14.8	15.0
Diam. at 1.83m ht. [m]	15.8	17.3	18.4	14.0	15.2	15.7	14.5	15.9	16.1
#24 Nozzle - Dark Blue [9.53 mm]									
Flow [L/s]	0.76	0.91	1.05	0.76	0.91	1.05	0.76	0.91	1.05
Diam. at 0.91m ht. [m]	14.6	16.2	17.2	12.7	14.5	14.6	13.5	14.9	15.0
Diam. at 1.83m ht. [m]	15.9	17.3	18.4	14.0	15.2	15.7	14.5	16.0	16.2
#25 Nozzle - Copper [9.92mm]									
Flow [L/s]	0.85	1.05	1.20	0.85	1.05	1.20	0.85	1.05	1.20
Diam. at 0.91m ht. [m]	14.6	16.2	17.2	12.7	14.5	14.6	13.5	14.9	15.0
Diam. at 1.83m ht. [m]	15.9	17.4	18.4	14.0	15.2	15.7	14.5	16.0	16.2
#26 Nozzle - Bronze [10.32mm]									
Flow [L/s]	0.91	1.12	1.29	0.91	1.12	1.29	0.91	1.12	1.29
Diam. at 0.91m ht. [m]	14.6	16.2	17.2	12.7	14.5	14.6	13.5	14.9	15.0
Diam. at 1.83m ht. [m]	16.0	17.4	18.4	14.0	15.2	15.7	14.5	16.0	16.2

Half-size nozzles also available. Figures reflect actual test data obtained under ideal conditions. Product and data subject to change without notice.

i-Wob® [Testimonials

What our valued customers have to say...

"I really like the i-Wob. It puts out a super pattern. And by designing our sprinkler packages with low pressure i-Wobs, it has helped us save on our horsepower requirements and pumping costs! I really like the technology and the design. With our soils, using i-Wobs lets me apply more water per pass without runoff problems. I've converted three of my pivots to the i-Wob."

Mike Foley,
Foley Farms, Waco, NE

"When my customers use the i-Wob, they get the best for less … The best water application for the least pumping cost."

Mike Woodhead,
Woody's Pivot Service, Holyoke, CO

"The i-Wob is simply the best sprinkler on the market."

Derek Wagner,
Wagner's Irrigation, Holdrege, NE

"Mechanical longevity is absolutely critical for us. That's one of the reasons we've again decided to go with Senninger i-Wobs for the new systems we've put in."

Klaren Koompin,
owner of 19 pivots equipped with i-Wobs, American Falls, ID

"It's as close to a gentle rain as you can get."

Cezar Neitke,
Irrigation Dealer, Oeste da Bahia, Brazil

"With the i-Wob, it seems like I have a more uniform crop. I also like the fact that they don't seal over the ground."

Gary Miller,
Pivot Irrigator, Brownfield, TX

"The i-Wob has the best water pattern and distribution. We are very satisfied."

J.W. Hawkins,
Pivot Irrigator, Brownfield, TX

"We've found the uniformity is better with the i-Wob than with any other nozzle."

Dennis Janke,
Pivot Irrigator, Dalhart, TX

"High-tech irrigators need the best sprinkler – the i-Wob."

Michael Whitford,
Southeast Irrigation, Keith, Australia

"The i-Wob saves energy with an application efficiency unmatched by other devices."

Marcus Schmidt,
Engineer, Uberaba, Brazil

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This warranty is the full and complete product warranty and is expressly in lieu of any and all representations or warranties, expressed or implied, including any implied warranties of merchantability or fitness for particular purpose, whether arising from statute, common law, custom, course of dealing, usage of trade, or otherwise. No person has the authority to incur or assume for Senninger any other liability as to products manufactured by Senninger.

This warranty shall not apply to any product which shall have been repaired or altered in any way outside the Senninger factory so as to affect its use or operation as determined by Senninger, nor shall it apply to any such product which has been subject to misuse, negligence or accident, or has been operated contrary to Senninger's printed instructions.

Senninger shall not be liable for any consequential and incidental damages resulting from the use of said products or caused by any defects, failure or malfunction, whether a claim for such damages is based on warranty, product design, system engineering, contract negligence or otherwise. Senninger makes no warranty whatsoever with respect to products manufactured by others to which Senninger's products may be attached, whether or not warranted by such other manufacturers.

Materials & Workmanship

Products manufactured by Senninger Irrigation Inc. are warranted for a period of two years from date of original shipment to be free of any defects in material or workmanship, with the exception of PRLV and mining models, which are warranted for one year.

Performance

Products manufactured by Senninger and used for ag, turf and nursery irrigation are warranted to maintain their original nozzle orifice size for a period of five years. Senninger also warrants these products to maintain their original performance for a period of two years from date of original shipment when installed and operated in accordance with Senninger's written specifications and used for their ordinary purpose.

Repair or Replacement

If a product is suspected of failure under terms of the above provisions, it must first be reported in writing to the attention of the Material Review Engineer at the company's Clermont, Florida office. An authorization may then be issued to return the product(s), shipping charges prepaid, to Clermont for inspection. If in the opinion of the Material Review Engineer the product has failed, a repair or replacement will be authorized as required.

Senninger's obligation with respect to the above provisions concerning material, workmanship and performance is limited to the repair or replacement of the particular product involved. Senninger is not obligated to pay for repairs or replacements made by anyone other than itself.

No labor allowances will be made for removal or replacement of said parts nor for any travel to and from the product to make said repairs or replacement without prior written authorization from an officer of Senninger Irrigation.

Suitability

There is positively no warranty relating to the fitness of the product(s) for any particular purpose or use. It is the sole responsibility of the purchaser to consider and analyze the product and its design to be suitable for specific applications.

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