

Installation and Adjustment Instructions

Installation Instructions

- DO NOT REMOVE THE NOZZLE.** The filter screen is accessible from the bottom of the riser.
- Install all sprinklers; align the raised dot on top of each nozzle with what will be the right edge of the spray arc (looking from "behind" the sprinkler).
- Unscrew the internal assembly from the last head on each lateral line.
- Flush the lines. Replace the internal assemblies.
- Adjust arc and radius for each sprinkler, as described below.

Arc Adjustment








The sprinklers come from the factory with a preset spray arc of 1° (a very thin stream). The raised dot on top of the nozzle indicates the adjustable (left) edge of the spray pattern. With the raised dot aligned to the right-hand border of the coverage area, insert the Hunter wrench into the stainless-steel hex screw and turn the screw counter-clockwise to increase the arc. The nozzle turns with the screw, and both the arc of coverage and the discharge rate are increased.

Radius Adjustment


Hold the plastic nozzle stationary by inserting the two pins on the side of a Hunter wrench between any of the nozzle spokes. With a second Hunter wrench, turn the stainless-steel hex screw clockwise to decrease, and counter-clockwise to increase the radius and discharge rate.

The radius should not be reduced more than 20%. (The sprinkler is pre-set at the factory for maximum radius.)

Performance Data

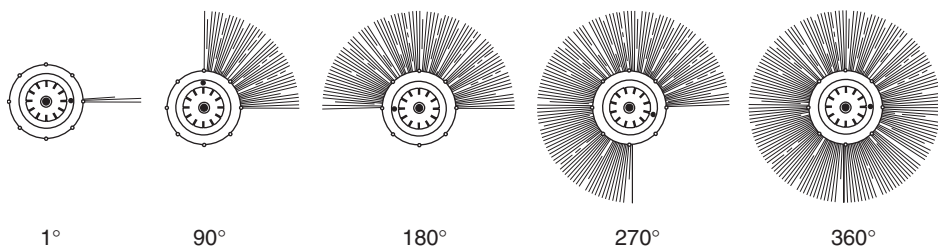
PS Standard Nozzle Performance Data - Metric																			
		3.0 Meter Radius (10') Adjustable from 1° to 360° Trajectory: 15° Color Code: Red ●						3.7 Meter Radius (12') Adjustable from 1° to 360° Trajectory: 28° Color Code: Green ●						4.6 Meter Radius (15') Adjustable from 1° to 360° Trajectory: 28° Color Code: Black ●					
Arc	Pressure Bars kPa	Radius m	Flow m³/hr l/min	Precip mm/hr		Radius m	Flow m³/hr l/min	Precip mm/hr		Radius m	Flow m³/hr l/min	Precip mm/hr		Radius m	Flow m³/hr l/min	Precip mm/hr		Radius m	Flow m³/hr l/min
				■	▲			■	▲			■	▲			■	▲		
45° 	1.4 137	3.0	0.05 0.8	39.12	45.17	3.7	0.09 1.5	54.33	62.73	4.3	0.09 1.5	39.91	46.09	4.9	0.20 3.4	68.76	79.40		
	1.7 172	3.0	0.05 0.8	39.12	45.17	3.7	0.11 1.9	67.91	78.42	4.6	0.11 1.9	43.46	50.19	5.2	0.23 3.8	67.67	78.15		
	2.1 206	3.4	0.07 1.1	48.49	55.99	4.1	0.11 1.9	49.89	57.61	4.9	0.14 2.3	45.84	52.93	5.5	0.25 4.2	66.40	76.68		
	2.4 241	3.4	0.07 1.1	48.49	55.99	4.3	0.14 2.3	59.87	69.14	4.9	0.16 2.6	53.48	61.75	5.5	0.30 4.9	78.47	90.62		
	2.8 275	3.7	0.07 1.1	40.75	47.05	4.6	0.16 2.6	60.85	70.26	5.2	0.16 2.6	47.37	54.70	5.8	0.32 5.3	75.85	87.58		
90° 	1.4 137	3.0	0.09 1.5	39.12	45.17	3.7	0.14 2.3	40.75	47.05	4.3	0.16 2.6	34.93	40.33	4.9	0.36 6.1	61.12	70.58		
	1.7 172	3.0	0.09 1.5	39.12	45.17	3.7	0.18 3.0	54.33	62.73	4.6	0.20 3.4	39.12	45.17	5.2	0.41 6.8	60.91	70.33		
	2.1 206	3.4	0.11 1.9	40.41	46.66	4.1	0.20 3.4	44.90	51.85	4.9	0.23 3.8	38.20	44.11	5.5	0.43 7.2	57.35	66.22		
	2.4 241	3.4	0.11 1.9	40.41	46.66	4.3	0.20 3.4	44.90	51.85	4.9	0.25 4.2	42.02	48.52	5.5	0.48 7.9	63.38	73.19		
	2.8 275	3.7	0.11 1.9	33.95	39.21	4.6	0.23 3.8	43.46	50.19	5.2	0.27 4.5	40.60	46.89	5.8	0.50 8.3	59.60	68.82		
120° 	1.4 137	3.0	0.11 1.9	36.67	42.35	3.7	0.18 3.0	40.75	47.05	4.3	0.20 3.4	33.68	38.89	4.9	0.36 6.1	45.84	52.93		
	1.7 172	3.0	0.14 2.3	44.01	50.81	3.7	0.20 3.4	45.84	52.93	4.6	0.25 4.2	35.86	41.40	5.2	0.43 7.2	48.22	55.68		
	2.1 206	3.4	0.14 2.3	36.37	42.00	4.1	0.23 3.8	37.42	43.21	4.9	0.27 4.5	34.38	39.70	5.5	0.48 7.9	47.54	54.89		
	2.4 241	3.4	0.16 2.6	42.43	48.99	4.3	0.25 4.2	41.16	47.53	4.9	0.30 4.9	37.24	43.01	5.5	0.52 8.7	52.06	60.12		
	2.8 275	3.7	0.16 2.6	35.65	41.17	4.6	0.27 4.5	39.12	45.17	5.2	0.34 5.7	38.07	43.96	5.8	0.55 9.1	48.76	56.30		
180° 	1.4 137	3.0	0.16 2.6	34.23	39.52	3.7	0.27 4.5	40.75	47.05	4.3	0.32 5.3	34.93	40.33	4.9	0.55 9.1	45.84	52.93		
	1.7 172	3.0	0.18 3.0	39.12	45.17	3.7	0.30 4.9	44.14	50.97	4.6	0.36 6.1	34.77	40.15	5.2	0.61 10.2	45.68	52.75		
	2.1 206	3.4	0.23 3.8	40.41	46.66	4.1	0.34 5.7	37.42	43.21	4.9	0.41 6.8	34.38	39.70	5.5	0.66 11.0	43.76	50.54		
	2.4 241	3.4	0.23 3.8	40.41	46.66	4.3	0.36 6.1	39.91	46.09	4.9	0.45 7.6	38.20	44.11	5.5	0.70 11.7	46.78	54.02		
	2.8 275	3.7	0.27 4.5	40.75	47.05	4.6	0.39 6.4	36.94	42.66	5.2	0.48 7.9	35.53	41.03	5.8	0.75 12.5	44.70	51.61		
240° 	1.4 137	3.0	0.23 3.8	36.67	42.35	3.7	0.34 5.7	38.20	44.11	4.3	0.39 6.4	31.81	36.73	4.9	0.59 9.8	37.24	43.01		
	1.7 172	3.0	0.27 4.5	44.01	50.81	3.7	0.39 6.4	43.29	49.99	4.6	0.43 7.2	30.97	35.76	5.2	0.66 11.0	36.80	42.49		
	2.1 206	3.4	0.30 4.9	39.40	45.50	4.1	0.43 7.2	35.55	41.05	4.9	0.48 7.9	30.08	34.74	5.5	0.73 12.1	36.22	41.82		
	2.4 241	3.4	0.32 5.3	42.43	48.99	4.3	0.48 7.9	39.29	45.37	4.9	0.52 8.7	32.95	38.04	5.5	0.80 13.2	39.61	45.74		
	2.8 275	3.7	0.36 6.1	40.75	47.05	4.6	0.50 8.3	35.86	41.40	5.2	0.57 9.5	31.72	36.63	5.8	0.84 14.0	37.59	43.40		
270° 	1.4 137	3.0	0.25 4.2	35.86	41.40	3.7	0.39 6.4	38.48	44.44	4.3	0.45 7.6	33.26	38.41	4.9	0.64 10.6	35.65	41.17		
	1.7 172	3.0	0.30 4.9	42.38	48.93	3.7	0.43 7.2	43.01	49.66	4.6	0.50 8.3	31.87	36.80	5.2	0.70 11.7	34.97	40.38		
	2.1 206	3.4	0.34 5.7	40.41	46.66	4.1	0.48 7.9	34.93	40.33	4.9	0.55 9.1	30.56	35.29	5.5	0.75 12.5	33.20	38.34		
	2.4 241	3.4	0.36 6.1	43.10	49.77	4.3	0.52 8.7	38.25	44.17	4.9	0.59 9.8	33.11	38.23	5.5	0.89 14.8	39.24	45.31		
	2.8 275	3.7	0.39 6.4	38.48	44.44	4.6	0.55 9.1	34.77	40.15	5.2	0.64 10.6	31.58	36.47	5.8	0.91 15.1	36.12	41.71		
360° 	1.4 137	3.0	0.32 5.3	34.23	39.52	3.7	0.48 7.9	35.65	41.17	4.3	0.68 11.4	37.42	43.21	4.9	0.84 14.0	35.33	40.80		
	1.7 172	3.0	0.36 6.1	39.12	45.17	3.7	0.50 8.3	37.35	43.13	4.6	0.77 12.9	36.94	42.66	5.2	0.98 16.3	36.38	42.00		
	2.1 206	3.4	0.45 7.6	40.41	46.66	4.1	0.64 10.6	34.93	40.33	4.9	0.82 13.6	34.38	39.70	5.5	1.04 17.4	34.71	40.08		
	2.4 241	3.4	0.48 7.9	42.43	48.99	4.3	0.68 11.4	37.42	43.21	4.9	0.91 15.1	38.20	44.11	5.5	1.09 18.2	36.22	41.82		
	2.8 275	3.7	0.55 9.1	40.75	47.05	4.6	0.75 12.5	35.86	41.40	5.2	1.00 16.7	37.22	42.98	5.8	1.20 20.1	35.89	41.45		

PS Side Strip Nozzle Performance Data - Metric

		Color Code: Blue ●					
Nozzle	Pressure Bars kPa	Width x Length	Flow m³/hr l/min	Precip mm/hr	Pattern m		
	1.4 137	1.2 m x 8.5 m	0.25 4.2	24	1.2 x 8.5		
	1.7 172	1.5 m x 9.1 m	0.27 4.5	20	1.5 x 9.1		
	2.1 206	1.5 m x 9.1 m	0.30 4.9	21	1.5 x 9.1		
	2.4 241	1.5 m x 9.8 m	0.32 5.3	21	1.5 x 9.8		
	2.8 275	1.5 m x 10.1 m	0.34 5.7	23	1.5 x 10.1		

PS-5S-S Side Strip


- A specially designed spray sprinkler for long, narrow landscape and turf areas.
- Optimum performance at 1.7 bars/172 kPa covers an area 1.5 x 9.1 meters long.
- Adjustable discharge rate.
- Triangular, head-to-head spacing is recommended.



PS Standard Nozzle Performance Data

		10 Foot Radius Adjustable from 1° to 360° Trajectory: 15° Color Code: Red ●					12 Foot Radius Adjustable from 1° to 360° Trajectory: 28° Color Code: Green ●					15 Foot Radius Adjustable from 1° to 360° Trajectory: 28° Color Code: Black ●					17 Foot Radius Adjustable from 1° to 360° Trajectory: 28° Color Code: White ○				
Arc	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	Precip in/hr	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Precip in/hr	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Precip in/hr	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Precip in/hr	Precip in/hr
45°	20	10'	0.2	1.54	1.78	1.78	12'	0.4	2.14	2.47	2.47	14'	0.4	1.57	1.81	1.81	16'	0.9	2.71	3.13	3.13
	25	10'	0.2	1.54	1.78	1.78	12'	0.5	2.67	3.09	3.09	15'	0.5	1.71	1.98	1.98	17'	1.0	2.66	3.08	3.08
	30	11'	0.3	1.91	2.20	2.20	14'	0.5	1.96	2.27	2.27	16'	0.6	1.80	2.08	2.08	18'	1.1	2.61	3.02	3.02
	35	11'	0.3	1.91	2.20	2.20	14'	0.6	2.36	2.72	2.72	16'	0.7	2.11	2.43	2.43	18'	1.3	3.09	3.57	3.57
	40	12'	0.3	1.60	1.85	1.85	15'	0.7	2.40	2.77	2.77	17'	0.7	1.87	2.15	2.15	19'	1.4	2.99	3.45	3.45
90°	20	10'	0.4	1.54	1.78	1.78	12'	0.6	1.60	1.85	1.85	14'	0.7	1.38	1.59	1.59	16'	1.6	2.41	2.78	2.78
	25	10'	0.4	1.54	1.78	1.78	12'	0.8	2.14	2.47	2.47	15'	0.9	1.54	1.78	1.78	17'	1.8	2.40	2.77	2.77
	30	11'	0.5	1.59	1.84	1.84	14'	0.9	1.77	2.04	2.04	16'	1.0	1.50	1.74	1.74	18'	1.9	2.26	2.61	2.61
	35	11'	0.5	1.59	1.84	1.84	14'	0.9	1.77	2.04	2.04	16'	1.1	1.65	1.91	1.91	18'	2.1	2.50	2.88	2.88
120°	20	10'	0.5	1.44	1.67	1.67	12'	0.8	1.60	1.85	1.85	14'	0.9	1.33	1.53	1.53	16'	1.6	1.80	2.08	2.08
	25	10'	0.6	1.73	2.00	2.00	12'	0.9	1.80	2.07	2.07	15'	1.1	1.41	1.63	1.63	17'	1.9	1.90	2.19	2.19
	30	11'	0.6	1.43	1.65	1.65	14'	1.0	1.47	1.70	1.70	16'	1.2	1.35	1.56	1.56	18'	2.1	1.87	2.16	2.16
	35	11'	0.7	1.67	1.93	1.93	14'	1.1	1.62	1.87	1.87	16'	1.3	1.47	1.69	1.69	18'	2.3	2.05	2.37	2.37
180°	20	10'	0.7	1.35	1.56	1.56	12'	1.2	1.60	1.85	1.85	14'	1.4	1.38	1.59	1.59	16'	2.4	1.80	2.08	2.08
	25	10'	0.8	1.54	1.78	1.78	12'	1.3	1.74	2.01	2.01	15'	1.6	1.37	1.58	1.58	17'	2.7	1.80	2.08	2.08
	30	11'	1.0	1.59	1.84	1.84	14'	1.5	1.47	1.70	1.70	16'	1.8	1.35	1.56	1.56	18'	2.9	1.72	1.99	1.99
	35	11'	1.0	1.59	1.84	1.84	14'	1.6	1.57	1.81	1.81	16'	2.0	1.50	1.74	1.74	18'	3.1	1.84	2.13	2.13
240°	20	10'	1.2	1.60	1.85	1.85	15'	1.7	1.45	1.68	1.68	17'	2.1	1.40	1.62	1.62	19'	3.3	1.76	2.03	2.03
	25	10'	1.0	1.44	1.67	1.67	12'	1.5	1.50	1.74	1.74	14'	1.7	1.25	1.45	1.45	16'	2.6	1.47	1.69	1.69
	30	11'	1.3	1.55	1.79	1.79	14'	1.9	1.40	1.62	1.62	16'	2.1	1.18	1.37	1.37	18'	3.2	1.43	1.65	1.65
	35	11'	1.4	1.67	1.93	1.93	14'	2.1	1.55	1.79	1.79	16'	2.3	1.30	1.50	1.50	18'	3.5	1.56	1.80	1.80
270°	20	10'	1.6	1.60	1.85	1.85	15'	2.2	1.41	1.63	1.63	17'	2.5	1.25	1.44	1.44	19'	3.7	1.48	1.71	1.71
	25	10'	1.1	1.41	1.63	1.63	12'	1.7	1.52	1.75	1.75	14'	2.0	1.31	1.51	1.51	16'	2.8	1.40	1.62	1.62
	30	11'	1.5	1.59	1.84	1.84	14'	2.1	1.38	1.59	1.59	16'	2.4	1.20	1.39	1.39	18'	3.3	1.31	1.51	1.51
	35	11'	1.6	1.70	1.96	1.96	14'	2.3	1.51	1.74	1.74	16'	2.6	1.30	1.51	1.51	18'	3.9	1.54	1.78	1.78
360°	20	10'	1.7	1.52	1.75	1.75	15'	2.4	1.37	1.58	1.58	17'	2.8	1.24	1.44	1.44	19'	4.0	1.42	1.64	1.64
	25	10'	1.4	1.35	1.56	1.56	12'	2.1	1.40	1.62	1.62	14'	3.0	1.47	1.70	1.70	16'	3.7	1.39	1.61	1.61
	30	11'	2.0	1.59	1.84	1.84	14'	2.8	1.38	1.59	1.59	16'	3.6	1.35	1.56	1.56	18'	4.6	1.37	1.58	1.58
	35	11'	2.1	1.67	1.93	1.93	14'	3.0	1.47	1.70	1.70	16'	4.0	1.50	1.74	1.74	18'	4.8	1.43	1.65	1.65
	40	12'	2.4	1.60	1.80	1.80	15'	3.3	1.41	1.63	1.63	17'	4.4	1.47	1.69	1.69	19'	5.3	1.41	1.63	1.63

PS Side Strip Nozzle Performance Data

Color Code: Blue					
Nozzle	Pressure PSI	Width x Length	Flow GPM	Precip in/hr	Pattern ft
Model 5SS Side Strip 	20	4' x 28'	1.1	0.95	4 x 28
	25	5' x 30'	1.2	0.77	5 x 30
	30	5' x 30'	1.3	0.83	5 x 30
	35	5' x 32'	1.4	0.84	5 x 32
	40	5' x 33'	1.5	0.90	5 x 32

PS-5S-S Side Strip

- A specially designed spray sprinkler for long, narrow landscape and turf areas.
- Optimum performance at 25 PSI covers an area 5 feet wide by 30 feet long.
- Adjustable discharge rate.
- Triangular, head-to-head spacing is recommended.

For information on Hunter's product warranty, contact us for a written copy at the address below.

Hunter®