

Pop Up 1804 Sprinkler Technical Specifications

TWSS 1804 Pop Up are designed to ensure long-lasting and reliable performance as well as being compactable with all industry standard female nozzles.

- Inlet Size of 15 mm (½") BSP Thread*
- Operating Pressure of 1.0 – 5.0 BAR*
- Application Use Both Residential or Commercial*
- Pop Up Height 10 cm*
- Overall Height 15.5 cm*
- Exposed Diameter 5.7 cm*
- UV Resistant*



Nozzle	8A	10A	12a	15A	17A
Spray Radius (M)	2.4	3.0	3.7	4.6	5.2

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Challenging shapes and angles require nozzles that can adjust to suit. TWSS Adjustable Nozzles adjust to any angle with accuracy. Matched precipitation rates makes even accurate watering easy.

- *Easy-Grip For Easy Adjustment*
- *Matched Precipitation Rate on Each Nozzle From 8A – 17A*
- *Large Water Droplets Cut Through Wind*
- *Adjustable From 0 - 3600*
- *Crisp And Well Defined Edges*
- *UV Resistant*



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Pop Up 1804 Sprinkler Technical Specifications

(PU1804-8A) (PN-8A) (Yellow)

Radius: 2.4 Meters

Adjustable From: 0 - 360 Degrees

Trajectory: 0 Degrees

Arc	Pressure (bar)	Radius (M)	Flow (m ³ /h)	Flow (l/m)	Precip (mm/hr) ■	Precip (mm/hr) ▲
45 Degrees	1.0	2.0	0.04	0.62	77	89
	1.5	2.2	0.04	0.72	72	83
	2.1	2.4	0.05	0.83	67	77
	2.5	2.6	0.05	0.91	63	73
	3	2.9	0.06	1.01	59	68
90 Degrees	1.0	2.0	0.07	1.24	77	89
	1.5	2.2	0.09	1.44	72	83
	2.1	2.4	0.10	1.65	67	77
	2.5	2.6	0.11	1.82	63	73
	3	2.9	0.12	2.02	59	68
120 Degrees	1.0	2.0	0.10	1.66	77	89
	1.5	2.2	0.11	1.92	72	83
	2.1	2.4	0.13	2.2	67	77
	2.5	2.6	0.15	2.43	63	73
	3	2.9	0.16	2.69	59	68
180 Degrees	1.0	2.0	0.15	2.49	77	89
	1.5	2.2	0.17	2.87	72	83
	2.1	2.4	0.20	3.3	67	77
	2.5	2.6	0.22	3.65	63	73
	3	2.9	0.24	4.03	59	68
240 Degrees	1.0	2.0	0.20	3.32	77	89
	1.5	2.2	0.23	3.83	72	83
	2.1	2.4	0.26	4.40	67	77
	2.5	2.6	0.29	4.86	63	73
	3	2.9	0.32	5.38	59	68
270 Degrees	1.0	2.0	0.22	3.73	77	89
	1.5	2.2	0.26	4.31	72	83
	2.1	2.4	0.30	4.95	67	77
	2.5	2.6	0.33	5.47	63	73
	3	2.9	0.36	6.05	59	68
360 Degrees	1.0	2.0	0.30	4.97	77	89
	1.5	2.2	0.34	5.75	72	83
	2.1	2.4	0.4	6.61	67	77
	2.5	2.6	0.44	7.29	63	73
	3	2.9	0.48	8.07	59	68

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Pop Up 1804 Sprinkler Technical Specifications

(PU1804-10A) (PN-10A) (Red)

Radius: 3.0 Meters

Adjustable From: 0 - 360 Degrees

Trajectory: 15 Degrees

Arc	Pressure (bar)	Radius (M)	Flow (m3 /h)	Flow (l/m)	Precip (mm/hr) ■	Precip (mm/hr) ▲
45 Degrees	1.0	2.6	0.04	0.68	49	56
	1.5	2.8	0.05	0.80	49	57
	2.1	3.0	0.06	0.94	49	56
	2.5	3.2	0.06	1.06	48	56
	3.0	3.5	0.07	1.18	47	54
90 Degrees	1.0	2.6	0.08	1.35	49	56
	1.5	2.8	0.10	1.61	49	57
	2.1	3.0	0.11	1.89	49	56
	2.5	3.2	0.13	2.11	48	56
	3.0	3.5	0.14	2.37	47	54
120 Degrees	1.0	2.6	0.11	1.80	49	56
	1.5	2.8	0.13	2.14	49	57
	2.1	3.0	0.15	2.52	49	56
	2.5	3.2	0.17	2.82	48	56
	3.0	3.5	0.19	3.16	47	54
180 Degrees	1.0	2.6	0.16	2.71	49	56
	1.5	2.8	0.19	3.21	49	57
	2.1	3.0	0.23	3.78	49	56
	2.5	3.2	0.25	4.23	48	56
	3.0	3.5	0.28	4.73	47	54
240 Degrees	1.0	2.6	0.22	3.61	49	56
	1.5	2.8	0.26	4.28	49	57
	2.1	3.0	0.3	5.03	49	56
	2.5	3.2	0.34	5.64	48	56
	3.0	3.5	0.38	6.31	47	54
270 Degrees	1.0	2.6	0.24	4.06	49	56
	1.5	2.8	0.29	4.82	49	57
	2.1	3.0	0.34	5.66	49	56
	2.5	3.2	0.38	6.34	48	56
	3.0	3.5	0.43	7.10	47	54
360 Degrees	1.0	2.6	0.32	5.41	49	56
	1.5	2.8	0.39	6.43	49	57
	2.1	3.0	0.45	7.55	49	56
	2.5	3.2	0.51	8.45	48	56
	3.0	3.5	0.57	9.47	47	54

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Pop Up 1804 Sprinkler Technical Specifications

(PU1804-12A) (PN-12A) (Green)

Radius: 3.7 Meters

Adjustable From: 0 - 360 Degrees

Trajectory: 28 Degrees

Arc	Pressure (bar)	Radius (M)	Flow (m3 /h)	Flow (l/m)	Precip (mm/hr) ■	Precip (mm/hr) ▲
45 Degrees	1.0	3.2	0.04	0.73	34	40
	1.5	3.4	0.06	0.97	40	46
	2.1	3.7	0.07	1.23	44	51
	2.5	3.9	0.09	1.44	46	54
	3.0	4.1	0.10	1.68	48	56
90 Degrees	1.0	3.2	0.09	1.46	34	40
	1.5	3.4	0.12	1.93	40	46
	2.1	3.7	0.15	2.46	44	51
	2.5	3.9	0.17	2.88	46	54
	3.0	4.1	0.2	3.36	48	56
120 Degrees	1.0	3.2	0.12	1.94	34	40
	1.5	3.4	0.15	2.58	40	46
	2.1	3.7	0.20	3.28	44	51
	2.5	3.9	0.23	3.84	46	54
	3.0	4.1	0.27	4.48	48	56
180 Degrees	1.0	3.2	0.17	2.91	34	40
	1.5	3.4	0.23	3.86	40	46
	2.1	3.7	0.30	4.92	44	51
	2.5	3.9	0.35	5.76	46	54
	3.0	4.1	0.40	6.71	48	56
240 Degrees	1.0	3.2	0.23	3.88	34	40
	1.5	3.4	0.31	5.15	40	46
	2.1	3.7	0.39	6.56	44	51
	2.5	3.9	0.46	7.68	46	54
	3.0	4.1	0.54	8.95	48	56
270 Degrees	1.0	3.2	0.26	4.37	34	40
	1.5	3.4	0.35	5.80	40	46
	2.1	3.7	0.44	7.38	44	51
	2.5	3.9	0.52	8.65	46	54
	3.0	4.1	0.60	10.07	48	56
360 Degrees	1.0	3.2	0.35	5.83	34	40
	1.5	3.4	0.46	7.73	40	46
	2.1	3.7	0.59	9.84	44	51
	2.5	3.9	0.69	11.53	46	54
	3.0	4.1	0.81	13.43	48	56

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Pop Up 1804 Sprinkler Technical Specifications

(PU1804-15A) (PN-15A) (Black)

Radius: 4.6 Meters

Adjustable From: 0 - 360 Degrees

Trajectory: 28 Degrees

Arc	Pressure (bar)	Radius (M)	Flow (m3 /h)	Flow (l/m)	Precip (mm/hr) ■	Precip (mm/hr) ▲
45 Degrees	1.0	4.0	0.08	1.27	38	43
	1.5	4.3	0.09	1.51	39	45
	2.1	4.6	0.11	1.79	40	46
	2.5	4.9	0.12	2.00	40	46
	3.0	5.2	0.14	2.25	40	46
90 Degrees	1.0	4.0	0.15	2.53	38	43
	1.5	4.3	0.18	3.03	39	45
	2.1	4.6	0.21	3.57	40	46
	2.5	4.9	0.24	4.01	40	46
	3.0	5.2	0.27	4.50	40	46
120 Degrees	1.0	4.0	0.20	3.38	38	43
	1.5	4.3	0.24	4.03	39	45
	2.1	4.6	0.29	4.76	40	46
	2.5	4.9	0.32	5.34	40	46
	3.0	5.2	0.36	6.00	40	46
180 Degrees	1.0	4.0	0.30	5.07	38	43
	1.5	4.3	0.36	6.05	39	45
	2.1	4.6	0.43	7.14	40	46
	2.5	4.9	0.48	8.02	40	46
	3.0	5.2	0.54	9	40	46
240 Degrees	1.0	4.0	0.41	6.76	38	43
	1.5	4.3	0.48	8.07	39	45
	2.1	4.6	0.57	9.52	40	46
	2.5	4.9	0.64	10.69	40	46
	3.0	5.2	0.72	12.00	40	46
270 Degrees	1.0	4.0	0.46	7.6	38	43
	1.5	4.3	0.54	9.08	39	45
	2.1	4.6	0.64	10.71	40	46
	2.5	4.9	0.72	12.03	40	46
	3.0	5.2	0.81	13.50	40	46
360 Degrees	1.0	4.0	0.61	10.13	38	43
	1.5	4.3	0.73	12.10	39	45
	2.1	4.6	0.86	14.28	40	46
	2.5	4.9	0.96	16.03	40	46
	3.0	5.2	1.08	18.00	40	46

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Pop Up 1804 Sprinkler Technical Specifications

(PU1804-17A) (PN-17A) (Grey)

Radius: 5.2 Meters

Adjustable From: 0 - 360 Degrees

Trajectory: 28 Degrees

Arc	Pressure (bar)	Radius (M)	Flow (m3 /h)	Flow (l/m)	Precip (mm/hr) ■	Precip (mm/hr) ▲
45 Degrees	1.0	4.6	0.10	1.68	38	43
	1.5	4.9	0.12	1.94	38	44
	2.1	5.2	0.13	2.23	39	45
	2.5	5.5	0.15	2.46	39	45
	3.0	5.8	0.16	2.72	39	45
90 Degrees	1.0	4.6	0.20	3.36	38	43
	1.5	4.9	0.23	3.88	38	44
	2.1	5.2	0.27	4.45	39	45
	2.5	5.5	0.30	4.92	39	45
	3.0	5.8	0.33	5.44	39	45
120 Degrees	1.0	4.6	0.27	4.48	38	43
	1.5	4.9	0.31	5.17	38	44
	2.1	5.2	0.36	5.94	39	45
	2.5	5.5	0.39	6.56	39	45
	3.0	5.8	0.43	7.25	39	45
180 Degrees	1.0	4.6	0.40	6.71	38	43
	1.5	4.9	0.47	7.75	38	44
	2.1	5.2	0.53	8.91	39	45
	2.5	5.5	0.59	9.83	39	45
	3.0	5.8	0.65	10.87	39	45
240 Degrees	1.0	4.6	0.54	8.95	38	43
	1.5	4.9	0.62	10.34	38	44
	2.1	5.2	0.71	11.88	39	45
	2.5	5.5	0.79	13.11	39	45
	3.0	5.8	0.87	14.50	39	45
270 Degrees	1.0	4.6	0.60	10.07	38	43
	1.5	4.9	0.70	11.63	38	44
	2.1	5.2	0.80	13.36	39	45
	2.5	5.5	0.89	14.75	39	45
	3.0	5.8	0.98	16.31	39	45
360 Degrees	1.0	4.6	0.81	13.43	38	43
	1.5	4.9	0.93	15.51	38	44
	2.1	5.2	1.07	17.82	39	45
	2.5	5.5	1.18	19.67	39	45
	3.0	5.8	1.30	21.75	39	45

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