TORO. Count on it.

Precision™ Series

Spray Nozzles

Toro's new Precision Series Spray Nozzles are the most complete and efficient spray nozzle line available to help irrigation professionals manage water use, eliminate runoff and reduce customer water bills. The Precision Spray nozzles 25mm/hr (1"/hr) precipitation rate ensures that water is applied more slowly and evenly without sacrificing landscape health. These nozzles are available in a wide selection of arcs and radii, as well as male and female threads, making them ideal for large scale installations and retrofits.

Features & Benefits

Precise

- Patented H^2O chip creates high-frequency oscillating streams (200 cycles/second) that achieve uniform droplet size resulting in better edge definition and improved consistency
- The larger, more uniform droplets control misting up to 3.8 bar (55 psi) and improve wind resistance
- Places water where its intended, reducing unintentional watering of hardscapes and unwanted run-off

Efficient

- Delivers 25 mm/hr (1"/hr) precipitation rates with distribution performance similar to rotors
- Lowers flows up to 42% versus conventional spray nozzles (based on 3.7m (12') radius)
- MPR even after 20% radius reduction - an industry first!
- Up to 50% more spray heads per zone!

Practical

- Looks, installs, and adjusts like a conventional spray nozzle - no learning curve!
- 5 radii, 9 arcs (60 - 360), and 6 speciality arcs
- Male and female thread options
- Color-coded and hot-stamped for easy identification
- Significantly less than the cost of competitive water-conserving nozzles!

Precision™ Series Spray Nozzles

Performance Data — Precision™ Series Nozzles — Metric

Arc	Bar	LPM	Radius	Precip.Rate (mm./hr.) ■	Precip.Rate (mm./hr.) ▲
5-60° ▲	1.38	0.14	1.43	25.25	29.15
	2.07	0.16	1.52	25.24	29.15
	2.76	0.16	1.52	25.24	29.15
	3.45	0.18	1.62	25.08	28.96
5Q	1.38	0.21	1.40	25.89	29.90
	2.07	0.24	1.52	25.05	28.92
	2.76	0.25	1.52	25.44	29.37
	3.45	0.25	1.52	25.83	29.83
5T	1.38	0.26	1.34	25.77	29.76
	2.07	0.34	1.52	26.42	30.50
	2.76	0.35	1.58	25.24	29.14
	3.45	0.37	1.65	24.91	28.77
5-150°	1.38	0.26	1.22	26.00	30.03
	2.07	0.42	1.52	26.15	30.20
	2.76	0.45	1.58	26.38	30.46
	3.45	0.49	1.65	26.50	30.60
5H	1.38	0.38	1.34	25.27	29.18
	2.07	0.49	1.52	25.44	29.37
	2.76	0.51	1.55	25.39	29.32
	3.45	0.53	1.58	25.15	29.04
5-210°	1.38	0.38	1.34	25.27	29.18
	2.07	0.57	1.58	27.14	31.34
	2.76	0.61	1.62	27.86	32.18
	3.45	0.64	1.68	27.49	31.75
5TT	1.38	0.53	1.31	27.78	32.08
	2.07	0.64	1.52	24.95	28.81
	2.76	0.70	1.52	27.15	31.35
	3.45	0.71	1.52	27.59	31.86
5TQ	1.38	0.57	1.31	25.80	29.79
	2.07	0.76	1.52	25.44	29.37
	2.76	0.79	1.52	26.71	30.84
	3.45	0.83	1.52	27.98	32.31
5F	1.38	0.64	1.22	25.99	30.01
	2.07	0.98	1.52	25.44	29.37
	2.76	0.98	1.52	25.44	29.37
	3.45	0.98	1.52	25.44	29.37

Arc	Bar	LPM	Radius	Precip.Rate (mm./hr.) ■	Precip.Rate (mm./hr.) ▲
8-60° ▲	1.38	0.38	2.32	25.41	29.34
	2.07	0.42	2.44	25.22	29.13
	2.76	0.45	2.47	26.84	31.00
	3.45	0.49	2.53	27.69	31.98
8Q	1.38	0.53	2.13	27.95	32.28
	2.07	0.62	2.44	25.22	29.13
	2.76	0.68	2.50	26.19	30.24
	3.45	0.68	2.56	24.96	28.82
8T	1.38	0.76	2.32	25.41	29.34
	2.07	0.83	2.44	25.22	29.13
	2.76	0.87	2.50	25.10	28.98
	3.45	0.89	2.53	25.03	28.91
8-150°	1.38	0.95	2.29	26.09	30.13
	2.07	1.02	2.44	24.77	28.60
	2.76	1.06	2.47	25.05	28.93
	3.45	1.10	2.50	25.32	29.24
8H	1.38	0.98	2.13	25.96	29.97
	2.07	1.25	2.44	25.22	29.13
	2.76	1.28	2.44	25.84	29.83
	3.45	1.29	2.44	25.99	30.01
8-210°	1.38	1.25	2.32	27.95	32.27
	2.07	1.36	2.44	27.52	31.78
	2.76	1.40	2.47	27.59	31.86
	3.45	1.44	2.50	27.65	31.92
8TT	1.38	1.29	2.13	25.46	29.40
	2.07	1.67	2.44	25.22	29.13
	2.76	1.73	2.44	26.20	30.25
	3.45	1.74	2.44	26.31	30.39
8TQ	1.38	1.55	2.19	25.15	29.04
	2.07	1.85	2.44	24.35	28.11
	2.76	2.04	2.44	26.83	30.98
	3.45	2.08	2.44	27.33	31.55
8F	1.38	2.08	2.13	27.46	31.70
	2.07	2.50	2.44	25.22	29.13
	2.76	2.57	2.44	25.99	30.01
	3.45	2.69	2.44	27.14	31.33

Arc	Bar	LPM	Radius	Precip.Rate (mm./hr.) ■	Precip.Rate (mm./hr.) ▲
10-60° ▲	1.38	0.61	2.90	26.02	30.04
	2.07	0.64	3.05	24.95	28.81
	2.76	0.68	3.05	26.42	30.50
	3.45	0.72	3.05	27.88	32.20
10Q	1.38	0.87	2.90	24.93	28.79
	2.07	0.98	3.05	25.44	29.37
	2.76	1.06	3.11	26.33	30.41
	3.45	1.06	3.14	25.82	29.82
10T	1.38	1.17	2.90	25.21	29.11
	2.07	1.29	3.05	24.95	28.81
	2.76	1.36	3.05	26.42	30.50
	3.45	1.40	3.05	27.15	31.35
10-150°	1.38	1.55	2.99	25.06	28.94
	2.07	1.63	3.05	25.24	29.15
	2.76	1.67	3.11	24.83	28.67
	3.45	1.74	3.17	24.97	28.83
10H	1.38	1.82	2.96	24.96	28.82
	2.07	1.93	3.05	24.95	28.81
	2.76	2.08	3.14	25.36	29.29
	3.45	2.12	3.17	25.33	29.25
10-210°	1.38	2.12	2.99	28.53	32.94
	2.07	2.20	3.05	28.37	32.76
	2.76	2.27	3.17	27.14	31.34
	3.45	2.35	3.20	27.51	31.77
10TT	1.38	2.38	2.93	25.08	28.96
	2.07	2.61	3.05	25.32	29.23
	2.76	2.76	3.14	25.25	29.15
	3.45	2.80	3.17	25.10	28.99
10TQ	1.38	2.69	2.90	25.02	28.89
	2.07	2.99	3.05	25.12	29.01
	2.76	3.18	3.14	25.18	29.07
	3.45	3.26	3.17	25.28	29.20
10F	1.38	3.60	2.93	25.21	29.12
	2.07	3.90	3.05	25.19	29.09
	2.76	4.09	3.14	24.90	28.75
	3.45	4.24	3.17	25.33	29.25

Arc	Bar	LPM	Radius	Precip.Rate (mm./hr.) ■	Precip.Rate (mm./hr.) ▲
12-60° ▲	1.38	0.91	3.51	26.63	30.75
	2.07	0.95	3.66	25.48	29.42
	2.76	0.98	3.69	26.06	30.10
	3.45	1.06	3.72	27.61	31.88
12Q	1.38	1.29	3.47	25.60	29.56
	2.07	1.40	3.66	25.14	29.03
	2.76	1.48	3.69	26.06	30.10
	3.45	1.48	3.75	25.22	29.12
12T	1.38	1.74	3.51	25.52	29.47
	2.07	1.85	3.66	24.97	28.83
	2.76	1.93	3.72	25.14	29.03
	3.45	1.97	3.75	25.22	29.12
12-150°	1.38	2.27	3.54	26.50	30.60
	2.07	2.35	3.66	25.59	29.55
	2.76	2.38	3.72	25.16	29.05
	3.45	2.42	3.75	25.14	29.03
12H	1.38	2.65	3.51	25.89	29.90
	2.07	2.80	3.66	25.14	29.03
	2.76	2.99	3.75	25.55	29.50
	3.45	3.03	3.78	25.45	29.39
12-210°	1.38	2.88	3.54	27.63	31.91
	2.07	3.10	3.66	27.86	32.17
	2.76	3.18	3.75	27.16	31.36
	3.45	3.22	3.78	27.04	31.23
12TT	1.38	3.41	3.47	25.41	29.34
	2.07	3.75	3.66	25.22	29.13
	2.76	3.94	3.75	25.22	29.12
	3.45	3.97	3.78	25.06	28.93
12TQ	1.38	3.97	3.47	25.69	29.67
	2.07	4.35	3.66	25.39	29.32
	2.76	4.50	3.72	25.42	29.36
	3.45	4.62	3.75	25.64	29.61
12F	1.38	5.11	3.51	24.97	28.83
	2.07	5.60	3.66	25.14	29.03
	2.76	6.02	3.78	25.29	29.21
	3.45	6.06	3.81	25.05	28.92

Arc	Bar	LPM	Radius	Precip.Rate (mm./hr.) ■	Precip.Rate (mm./hr.) ▲
15-60° ▲	1.38	1.32	4.27	26.21	30.26
	2.07	1.48	4.57	25.44	29.37
	2.76	1.51	4.60	25.75	29.73
	3.45	1.59	4.66	26.33	30.41
15Q	1.38	2.01	4.33	25.72	29.70
	2.07	2.20	4.57	25.22	29.12
	2.76	2.27	4.60	25.75	29.73
	3.45	2.31	4.66	25.50	29.44
15T	1.38	2.73	4.36	25.84	29.83
	2.07	2.91	4.57	25.11	29.00
	2.76	3.07	4.66	25.39	29.32
	3.45	3.10	4.69	25.37	29.30
15-150°	1.38	3.48	4.48	25.31	29.22
	2.07	3.63	4.57	25.36	29.28
	2.76	3.79	4.63	25.73	29.71
	3.45	4.16	4.66	27.93	32.25
15H	1.38	4.16	4.42	25.59	29.55
	2.07	4.39	4.57	25.22	29.12
	2.76	4.73	4.69	25.78	29.77
	3.45	4.85	4.72	26.06	30.10
15-210°	1.38	4.35	4.42	26.76	30.90
	2.07	4.54	4.57	26.09	30.13
	2.76	4.92	4.72	26.09	30.57
	3.45	5.30	4.75	28.14	32.50
15TT	1.38	5.49	4.42	25.30	29.22
	2.07	5.83	4.57	25.11	29.00
	2.76	5.98	4.63	25.09	28.97
	3.45	6.09	4.66	25.23	29.14
15TQ	1.38	6.51	4.42	26.01	30.04
	2.07	6.74	4.57	25.16	29.05
	2.76	6.89	4.57	25.72	29.70
	3.45	7.19	4.66	25.81	29.80
15F	1.38	8.33	4.42	25.59	29.55
	2.07	8.74	4.57	25.11	29.00
	2.76	8.90	4.63	24.88	28.73
	3.45	9.08	4.66	25.08	28.96

Arc	Bar	LPM	Radius	Precip.Rate (mm./hr.) ■	Precip.Rate (mm./hr.) ▲
4X30 SST	1.38	2.35	1.2 x 8.4	25.28	30.04
	2.07	2.50	1. 2 x 9	26.91	28.81
	2.76	2.54	1. 2 x 9	27.31	30.50
	3.45	2.57	1. 2 x 9	27.72	32.20
4X15 LCS	1.38	1.21	1.2 x 4.5	26.09	28.79
	2.07	1.25	1.2 x 4.5	26.91	29.37
	2.76	1.29	1.2 x 4.5	27.72	30.41
	3.45	1.29	1.2 x 4.5	27.72	29.82
4X15 RCS	1.38	1.21	1.2 x 4.5	26.09	29.11
	2.07	1.25	1.2 x 4.5	26.91	28.81
	2.76	1.29	1.2 x 4.5	27.72	30.50
	3.45	1.29	1.2 x 4.5	27.72	31.35
4X18 SST	1.38	1.36	1.2 x 5.4	24.46	28.96
	2.07	1.40	1.2 x 5.4	25.14	29.23
	2.76	1.44	1.2 x 5.4	25.82	29.15
	3.45	1.44	1.2 x 5.4	25.82	28.99
4X9 LCS	1.38	0.68	1.2 x 2.7	24.46	28.89
	2.07	0.72	1.2 x 2.7	25.82	29.01
	2.76	0.76	1.2 x 2.7	27.18	29.07
	3.45	0.76	1.2 x 2.7	27.18	29.20
4X9 RCS	1.38	0.68	1.2 x 2.7	24.46	29.12
	2.07	0.72	1.2 x 2.7	25.82	29.09
	2.76	0.76	1.2 x 2.7	27.18	28.75
	3.45	0.76	1.2 x 2.7	27.18	29.25

Performance Data — Precision™ Series Spray Nozzles—US

Arc	PSI	GPM	Radius	Precip.Rate (in./hr.) ■	Precip.Rate (in./hr.) ▲
5-60° ▲	20	0.04	4.7	0.99	1.15
	30	0.04	5.0	0.99	1.15
	40	0.04	5.0	0.99	1.15
	50	0.05	5.3	0.99	1.14
5Q	20	0.06	4.6	1.02	1.18
	30	0.06	5.0	0.99	1.14
	40	0.07	5.0	1.00	1.16
	50	0.07	5.0	1.02	1.17
5T	20	0.07	4.4	1.01	1.17
	30	0.09	5.0	1.04	1.20
	40	0.09	5.2	0.99	1.15
	50	0.10	5.4	0.98	1.13
5-150°	20	0.07	4.0	1.02	1.18
	30	0.11	5.0	1.03	1.19
	40	0.12	5.2	1.04	1.20
	50	0.13	5.4	1.04	1.20
5H	20	0.10	4.4	0.99	1.15
	30	0.13	5.0	1.00	1.16
	40	0.14	5.1	1.00	1.15
	50	0.14	5.2	0.99	1.14
5-210°	20	0.10	4.4	0.99	1.15
	30	0.15	5.2	1.07	1.23
	40	0.16	5.3	1.10	1.27
	50	0.17	5.5	1.08	1.25
5TT	20	0.14	4.3	1.09	1.26
	30	0.17	5.0	0.98	1.13
	40	0.19	5.0	1.07	1.23
	50	0.19	5.0	1.09	1.25
5TQ	20	0.15	4.3	1.02	1.17
	30	0.20	5.0	1.00	1.16
	40	0.21	5.0	1.05	1.21
	50	0.22	5.0	1.10	1.27
5F	20	0.17	4.0	1.02	1.18
	30	0.26	5.0	1.00	1.16
	40	0.26	5.0	1.00	1.16
	50	0.26	5.0	1.00	1.16

Arc	PSI	GPM	Radius	Precip.Rate (in./hr.) ■	Precip.Rate (in./hr.) ▲
8-60° ▲	20	0.10	7.6	1.0	1.2
	30	0.11	8.0	1.0	1.1
	40	0.12	8.1	1.1	1.2
	50	0.13	8.3	1.1	1.3
8Q	20	0.14	7.0	1.1	1.3
	30	0.17	8.0	1.0	1.1
	40	0.18	8.2	1.0	1.2
	50	0.18	8.4	1.0	1.1
8T	20	0.20	7.6	1.0	1.2
	30	0.22	8.0	1.0	1.1
	40	0.23	8.2	1.0	1.1
	50	0.24	8.3	1.0	1.1
8-150°	20	0.25	7.5	1.0	1.2
	30	0.27	8.0	1.0	1.1
	40	0.28	8.1	1.0	1.1
	50	0.29	8.2	1.0	1.2
8H	20	0.26	7.0	1.0	1.2
	30	0.33	8.0	1.0	1.1
	40	0.34	8.0	1.0	1.2
	50	0.34	8.0	1.0	1.2
8-210°	20	0.33	7.6	1.1	1.3
	30	0.36	8.0	1.1	1.3
	40	0.37	8.1	1.1	1.3
	50	0.38	8.2	1.1	1.3
8TT	20	0.34	7.0	1.0	1.2
	30	0.44	8.0	1.0	1.1
	40	0.46	8.0	1.0	1.2
	50	0.46	8.0	1.0	1.2
8TQ	20	0.41	7.2	1.0	1.1
	30	0.49	8.0	1.1	1.1
	40	0.54	8.0	1.1	1.2
	50	0.55	8.0	1.1	1.2
8F	20	0.55	7.0	1.1	1.2
	30	0.66	8.0	1.0	1.1
	40	0.68	8.0	1.0	1.2
	50	0.71	8.0	1.1	1.2

Arc	PSI	GPM	Radius	Precip.Rate (in./hr.) ■	Precip.Rate (in./hr.) ▲
10-60° ▲	20	0.16	9.5	1.0	1.2
	30	0.17	10.0	1.0	1.1
	40	0.18	10.0	1.0	1.2
	50	0.19	10.0	1.1	1.3
10Q	20	0.26	9.5	1.0	1.1
	30	0.23	10.0	1.0	1.2
	40	0.28	10.2	1.0	1.2
	50	0.28	10.3	1.0	1.2
10T	20	0.31	9.5	1.0	1.1
	30	0.34	10.0	1.0	1.1
	40	0.36	10.0	1.0	1.2
	50	0.37	10.0	1.1	1.2
10-150°	20	0.41	9.8	1.0	1.1
	30	0.43	10.0	1.0	1.1
	40	0.44	10.2	1.0	1.1
	50	0.46	10.4	1.0	1.1
10H	20	0.48	9.7	1.0	1.1
	30	0.51	10.0	1.0	1.1
	40	0.55	10.3	1.0	1.2
	50	0.56	10.4	1.0	1.2
10-210°	20	0.56	9.8	1.1	1.3
	30	0.58	10.0	1.1	1.3
	40	0.60	10.4	1.1	1.2
	50	0.62	10.5	1.1	1.3
10TT	20	0.63	9.6	1.0	1.1
	30	0.69	10.0	1.0	1.2
	40	0.73	10.3	1.0	1.1
	50	0.74	10.4	1.0	1.1
10TQ	20	0.71	9.5	1.0	1.1
	30	0.79	10.0	1.0	1.1
	40	0.84	10.3	1.0	1.1
	50	0.86	10.4	1.0	1.1
10F	20	0.95	9.6	1.0	1.1
	30	1.03	10.0	1.0	1.1
	40	1.08	10.3	1.0	1.1
	50	1.12	10.4	1.0	1.2

Arc	PSI	GPM	Radius	Precip.Rate (in./hr.) ■	Precip.Rate (in./hr.) ▲
12-60° ▲	20	0.24	11.5	1.0	1.2
	30	0.25	12.0	1.0	1.2
	40	0.26	12.1	1.0	1.2
	50	0.28	12.2	1.1	1.3
12Q	20	0.34	12.0	1.0	1.2
	30	0.37	12.1	1.0	1.1
	40	0.39	11.4	1.0	1.2
	50	0.39	12.0	1.0	1.1
12T	20	0.46	11.5	1.0	1.2
	30	0.49	12.0	1.0	1.1
	40	0.51	12.2	1.0	1.1
	50	0.52	12.3	1.0	1.1
12-150°	20	0.60	11.6	1.0	1.2
	30	0.62	12.0	1.0	1.2
	40	0.63	12.2	1.0	1.1
	50	0.64	12.3	1.0	1.1
12H	20	0.70	11.5	1.0	1.2
	30	0.74	12.0	1.0	1.1
	40	0.79	12.3	1.0	1.2
	50	0.80	12.4	1.0	1.2
12-210°	20	0.76	11.6	1.1	1.3
	30	0.82	12.0	1.1	1.3
	40	0.84	12.3	1.1	1.2
	50	0.85	12.4	1.1	1.2
12TT	20	0.90	11.4	1.0	1.2
	30	0.99	12.0	1.0	1.1
	40	1.04	12.3	1.0	1.1
	50	1.05	12.4	1.0	1.1
12TQ	20	1.05	11.4	1.0	1.2
	30	1.15	12.0	1.0	1.2
	40	1.19	12.2	1.0	1.2
	50	1.22	12.3	1.0	1.2
12F	20	1.35	11.5	1.0	1.1
	30	1.48	12.0	1.0	1.1
	40	1.59	12.4	1.0	1.1
	50	1.60	12.5	1.0	1.1

Arc	PSI	GPM	Radius	Precip.Rate (in./hr.) ■	Precip.Rate (in./hr.) ▲
15-60° ▲	20	0.35	14.0	1.0	1.2
	30	0.39	15.0	1.0	1.2
	40	0.40	15.1	1.0	1.2
	50	0.42	15.3	1.0	1.2
15Q	20	0.53	14.2	1.0	1.2
	30	0.58	15.0	1.0	1.1
	40	0.60	15.1	1.0	1.2
	50	0.61	15.3	1.0	1.2
15T	20	0.72	14.3	1.0	1.2
	30	0.77	15.0	1.0	1.1
	40	0.81	15.3	1.0	1.2
	50	0.82	15.4	1.0	1.2
15-150°	20	0.92	14.7	1.0	1.2
	30	0.96	15.0	1.0	1.2
	40	1.00	15.2	1.0	1.2
	50	1.10	15.3	1.1	1.3
15H	20	1.10	14.5	1.0	1.2
	30	1.16	15.0	1.0	1.1
	40	1.25	15.4	1.0	1.2
	50	1.28	15.5	1.0	1.2
15-210°	20	1.15	14.5	1.1	1.2
	30	1.20	15.0	1.0	1.2
	40	1.30	15.5	1.0	1.2
	50	1.40	15.6	1.1	1.3
15TT	20	1.45	14.5	1.0	1.2
	30	1.54	15.0	1.0	1.1
	40	1.58	15.2	1.0	1.1
	50	1.61	15.3	1.0	1.1
15TQ	20	1.72	14.5	1.0	1.2
	30	1.78	15.0	1.0	1.1
	40	1.82	15.0	1.0	1.2
	50	1.90	15.3	1.0	1.2
15F	20	2.20	14.5	1.0	1.2
	30	2.31	15.0	1.0	1.1
	40	2.35	15.2	1.0	1.1
	50	2.40	15.3	1.0	1.1

Arc	PSI	GPM	Radius	Precip.Rate (in./hr.) ■	Precip.Rate (in./hr.) ▲
4X30 SST	20	0.62	4x28	1.0	1.1
	30	0.66	4x30	1.1	1.2
	40	0.67	4x30	1.1	1.2
	50	0.68	4x30	1.1	1.3
4X15 LCS	20	0.32	4x15	1.0	1.2
	30	0.33	4x15	1.1	1.2
	40	0.34	4x15	1.1	1.3
	50	0.34	4x15	1.1	1.3
4X15 RCS	20	0.32	4x15	1.0	1.2
	30	0.33	4x15	1.1	1.2
	40	0.34	4x15	1.1	1.3
	50	0.34	4x15	1.1	1.3
4X18 SST	20	0.36	4X18	1.0	1.1
	30	0.37	4X18	1.0	1.1
	40	0.38	4X18	1.0	1.2
	50	0.38	4X18	1.0	1.2
4X9 LCS	20	0.18	4X9	1.0	1.1
	30	0.19	4X9	1.0	1.2
	40	0.20	4X9	1.1	1.2
	50	0.20	4X9	1.1	1.1
4X9 RCS	20	0.18	4X9	1.0	1.2
	30	0.19	4X9	1.0	1.2
	40	0.20	4X9	1.1	1.2
	50	0.20	4X9	1.1	1.2

Precision™ Series Spray Nozzle

5′ "O" Nozzle		8′ "O" Nozzle	
Model	**Description**	**Model**	**Description**
• O-T-5-60	60° Arc	• O-T-8-60	60° Arc
• O-T-5-Q	90° Arc	• O-T-8-Q	90° Arc
• O-T-5-T	120° Arc	• O-T-8-T	120° Arc
• O-T-5-150	150° Arc	• O-T-8-150	150° Arc
• O-T-5-H	180° Arc	• O-T-8-H	180° Arc
• O-T-5-210	210° Arc	• O-T-8-210	210° Arc
• O-T-5-TT	240° Arc	• O-T-8-TT	240° Arc
• O-T-5-TQ	270° Arc	• O-T-8-TQ	270° Arc
• O-T-5-F	360° Arc	• O-T-8-F	360° Arc
10′ "O" Nozzle		**12′ "O" Nozzle Nozzle**	
• O-T-10-60	60° Arc	• O-T-12-60	60° Arc
• O-T-10-Q	90° Arc	• O-T-12-Q	90° Arc
• O-T-10-T	120° Arc	• O-T-12-T	120° Arc
• O-T-10-150	150° Arc	• O-T-12-150	150° Arc
• O-T-10-H	180° Arc	• O-T-12-H	180° Arc
• O-T-10-210	210° Arc	• O-T-12-210	210° Arc
• O-T-10-TT	240° Arc	• O-T-12-TT	240° Arc
• O-T-10-TQ	270° Arc	• O-T-12-TQ	270° Arc
• O-T-10-F	360° Arc	• O-T-12-F	360° Arc
15′ "O" Nozzle		**Special Patterns**	
• O-T-15-60	60° Arc	• O-T-4X9-LCS	Left Corner
• O-T-15-Q	90° Arc	• O-T-4X9-RCS	Right Corner
• O-T-15-T	120° Arc	• O-T-4X18-SST	Side Strip
• O-T-15-150	150° Arc	• O-T-4X15-LCS	Left Corner
• O-T-15-H	180° Arc	• O-T-4X15-RCS	Right Corner
• O-T-15-210	210° Arc	• O-T-4X30-SST	Side Strip
• O-T-15-TT	240° Arc		
• O-T-15-TQ	270° Arc		
• O-T-15-F	360° Arc		

Additional Features

- Specialty Arcs available
- Color-coded for radius on top of the nozzle
- Precipitation rate ≤ 25mm/hour (1"/hour)
- Radius adjustment 25% maximum
- Maintains precipitation rate as radius is reduced up to max of 20%
- Max trajectory 27°
- Matched precipitation rate (MPR) within radius families
- Matched precipitation rates (MPR) between radius families
- Screen pre-attached to nozzle for easy insertion into the spray body
- Works on all 570 body sizes and types

Operating Specifications

- Radius: 1.5m - 4.6m (5′- 15′)
- Operating pressure range: 1.37 - 3.44 Bar (20 - 50 psi) maximum: 5.17 Bar (75 psi)
- Flow Rate: 0.15 - 39 LPM (0.038 - 10.4 GPM)

Warranty

- Two years

Uniform Droplet Size

The H²O Chip generates a larger, more uniform droplet size resulting in consistency across the irrigated arc, increased wind resistance and minimizes unintentional watering of hardscape features and run-off

No Moving or Sonic Welded Parts

Assures no variation at the end of the water arc for better edge definition and consistent, reliable performance

Specifying Information - Precision Series Nozzles

O-X-XXXX-XXX						
Nozzle	**Thread**	**Radius**		**Arc**		**Body**
O	**X**	**XXXX**		**XXX**		
O—Oscillating Nozzle	T—Toro Male Threaded Nozzle Blank—Toro Female Threaded Nozzle	5—5′ 8—8′ 10—10′ 12— 12′ 15—15′	4X15—4′X15′ 4X30—4′X30′ 4X9—4′X9′ 4X18—4′X18′	60—60° Q—90° T—120° 150—150° H—180° 210—210°	TT—240° TQ—270° F—360° LCS—Left Corner RCS—Right Corner SST—Side Strip	Call out body as required
Example: A 570 Precision Series Nozzle with a radius of 10′ and a 180° arc would be specified as: **O-T-10-H**						

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