PRECISION™ SERIES SPRAY NOZZLES

Toro® Precision™ Series Spray Nozzles are the most efficient spray nozzles available and use 33% less water than other nozzles thanks to Toro's proprietary H^2O Chip Technology. With a matched precipitation rate of 1" per hour, Precision™ Series Spray Nozzles help irrigation professionals better manage water usage, eliminate runoff, and reduce their customers' water costs. These nozzles are available in a wide variety of arcs and radii, and Toro (male) and female threads, making them ideal for both new installations and retrofits of existing systems. In addition, the best in class* Precision™ Series Spray Nozzles are also available in the PSN+ configuration, which features exclusive Debris Guard™ technology.

FEATURES & BENEFITS

Patented H^2O Chip Technology

Each nozzle contains one or more H^2O chips that create a high frequency oscillating stream and deliver a precipitation rate of 1" per hour – an industry first – while using up to 33% less water than a standard MPR nozzle.

Design and Retrofit Effectiveness

The lower flow rate of Precision™ Series Spray Nozzles maximizes design efficiency and helps reduce overall material costs based on the need for fewer valves and controller stations.

PSN+ Series

The PSN+ Series line of nozzles feature exclusive Debris Guard technology, which keeps external dirt and debris that can cause clogging out of nozzle openings.

Third-Party Performance Validation

Precision™ Series Spray Nozzles** have been tested and validated in the field and at the Center for Irrigation Technology (CIT).

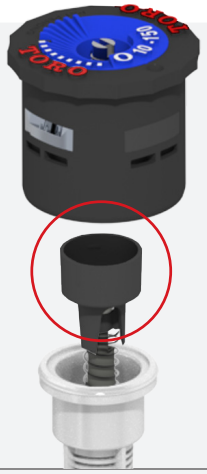
** Laboratory and third party independent field testing show efficiency to be 15-20% higher than competitive nozzles at 15 feet or less.*

*** non PCD and non PSN+ models only*

Male-threaded Model

Female-threaded Model

PRODUCT HIGHLIGHT

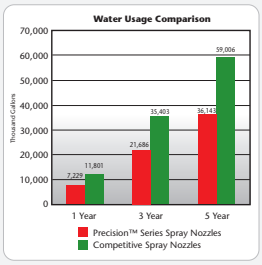


Debris Guard Technology

The exclusive Debris Guard™ technology addresses the issue of clogging due to suck back of external debris . It is not uncommon for spray nozzles to experience some amount of suck-back when the irrigation system shuts down. Debris Guard is an exclusive anti-siphon device integrated into the nozzle screen that prevents dirt and debris from being suctioned into and trapped in the nozzle. This increases the life of the nozzle, preserves its irrigation pattern and coverage, and maintains its ability to provide long-lasting water efficient results.

1” Per Hour Matched Precipitation & One-For-One Retrofit

Perfect when upgrading conventional, higher flow spray nozzles.



Higher Overall Irrigation Efficiency From 5-15 Feet

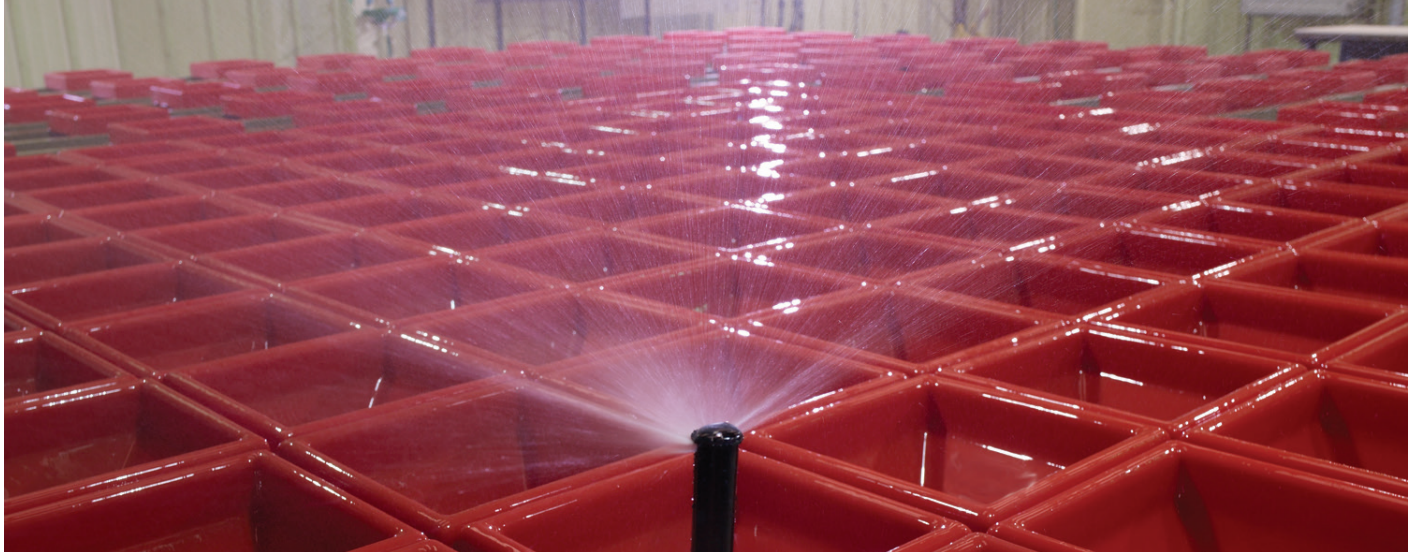
Precision™ Series Spray nozzles perform more like a small rotor. The H^20 Chip enables the nozzles to achieve distances of throw equivalent to those of conventional spray nozzles – but with one-third less flow and higher overall irrigation efficiency.

Water Use Reduction While Minimizing Run-Off & Water Waste

Precision™ Series Spray Nozzles have proven to save water in the field while reducing unnecessary overspray, wasteful run-off and evaporation.

Nozzle Selection Second To None

Available in male and female threaded models with radius options between 5’ and 15’, and nine different arcs between 60° and 360°, and specialty arcs, such as right and left corners, and center strips. All nozzles feature color-coded tops with arc indication for quick overhead identification in the field.



Laboratory and third party independent field testing show efficiency to be 15-20% higher than competitive nozzles.

PRECISION™ SERIES SPRAY NOZZLE MODEL LIST

5' NOZZLE (RED)			8' NOZZLE (GREEN)		
Male	Female	Pattern	Male	Female	Pattern
O-T-5-60	O-5-60	60° Arc	O-T-8-60	O-8-60	60° Arc
O-T-5-Q	O-5-Q	90° Arc	O-T-8-Q	O-8-Q	90° Arc
O-T-5-T	O-5-T	120° Arc	O-T-8-T	O-8-T	120° Arc
O-T-5-150	O-5-150	150° Arc	O-T-8-150	O-8-150	150° Arc
O-T-5-H	O-5-H	180° Arc	O-T-8-H	O-8-H	180° Arc
O-T-5-210	O-5-210	210° Arc	O-T-8-210	O-8-210	210° Arc
O-T-5-TT	O-5-TT	240° Arc	O-T-8-TT	O-8-TT	240° Arc
O-T-5-TQ	O-5-TQ	270° Arc	O-T-8-TQ	O-8-TQ	270° Arc
O-T-5-F	O-5-F	360° Arc	O-T-8-F	O-8-F	360° Arc
10' NOZZLE (BLUE)			**12' NOZZLE (BROWN)**		
O-T-10-60	O-10-60	60° Arc	O-T-12-60	O-12-60	60° Arc
O-T-10-Q	O-10-Q	90° Arc	O-T-12-Q	O-12-Q	90° Arc
O-T-10-T	O-10-T	120° Arc	O-T-12-T	O-12-T	120° Arc
O-T-10-150	O-10-150	150° Arc	O-T-12-150	O-12-150	150° Arc
O-T-10-H	O-10-H	180° Arc	O-T-12-H	O-12-H	180° Arc
O-T-10-210	O-10-210	210° Arc	O-T-12-210	O-12-210	210° Arc
O-T-10-TT	O-10-TT	240° Arc	O-T-12-TT	O-12-TT	240° Arc
O-T-10-TQ	O-10-TQ	270° Arc	O-T-12-TQ	O-12-TQ	270° Arc
O-T-10-F	O-10-F	360° Arc	O-T-12-F	O-12-F	360° Arc
15' NOZZLE (BLACK)			**SPECIAL PATTERNS (GREY)**		
O-T-15-60	O-15-60	60° Arc	Male	Female	
O-T-15-Q	O-15-Q	90° Arc	O-T-4X9-RCS	O-4X9-RCS	Right Corner
O-T-15-T	O-15-T	120° Arc	O-T-4X9-LCS	O-4X9-LCS	Left Corner
O-T-15-150	O-15-150	150° Arc	O-T-4X18-SST	O-4X18-SST	Side Strip
O-T-15-H	O-15-H	180° Arc	O-T-4X15-RCS	O-4X15-RCS	Right Corner
O-T-15-210	O-15-210	210° Arc	O-T-4X15-LCS	O-4X15-LCS	Left Corner
O-T-15-TT	O-15-TT	240° Arc	O-T-4X30-SST	O-4X30-SST	Side Strip
O-T-15-TQ	O-15-TQ	270° Arc			
O-T-15-F	O-15-F	360° Arc			

PSN+ SERIES SPRAY NOZZLE MODEL LIST

5' NOZZLE (RED)			8' NOZZLE (GREEN)		
Male	Female	Pattern	Male	Female	Pattern
PSN5T-Q	PSN5-Q	90° Arc	PSN8T-Q	PSN8-Q	90° Arc
PSN5T-H	PSN5-H	180° Arc	PSN8T-H	PSN8-H	180° Arc
PSN5T-F	PSN5-F	360° Arc	PSN8T-F	PSN8-F	360° Arc
10' NOZZLE (BLUE)			**12' NOZZLE (BROWN)**		
PSN10T-Q	PSN10-Q	90° Arc	PSN12T-Q	PSN12-Q	90° Arc
PSN10T-H	PSN10-H	180° Arc	PSN12T-H	PSN12-H	180° Arc
PSN10T-F	PSN10-F	360° Arc	PSN12T-F	PSN12-F	360° Arc
15' NOZZLE (BLACK)			**SPECIAL PATTERNS (GREY)**		
PSN15T-Q	PSN15-Q	90° Arc	Male	Female	
PSN15T-H	PSN15-H	180° Arc	PSN4X18T-SST	PSN4X18-SST	Side Strip
PSN15T-F	PSN15-F	360° Arc	PSNT4X30-SST	PSN4X30-SST	Side Strip

Scan this QR Code to View the
Performance Data Charts

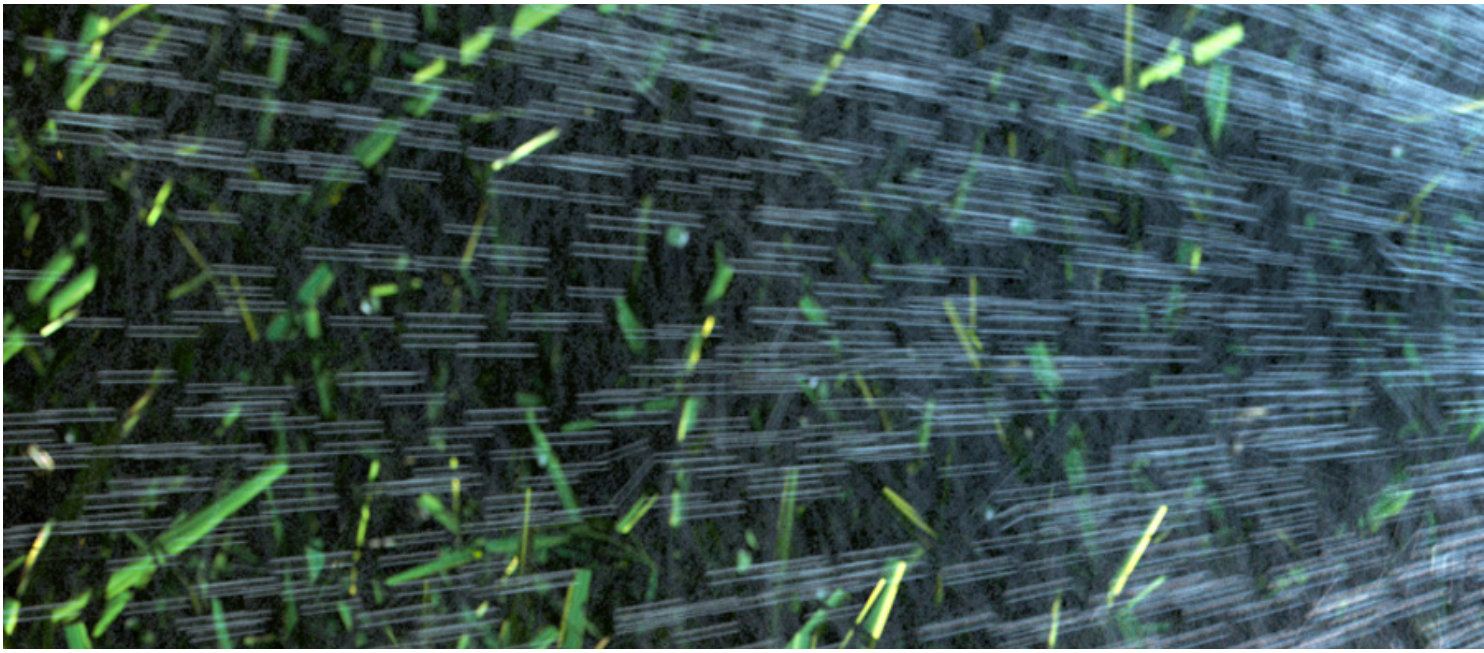
PRECISION™ SERIES SPRAY NOZZLES

PERFORMANCE DATA – PSN+ SPRAY NOZZLES WITH DEBRIS GUARD™

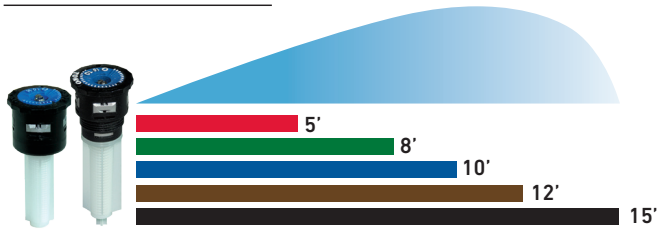
Arc	model # (PSNXXXX)	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
90°	PSN5-Q	30	0.06	5.6	0.8	0.9
		40	0.08	5.8	0.9	1.0
		50	0.08	6.1	0.9	1.0
		60	0.09	6.4	0.9	1.0
		70	0.10	6.5	0.9	1.1
180°	PSN5-H	30	0.12	5.5	0.8	0.9
		40	0.15	5.7	0.9	1.0
		50	0.16	6.3	0.8	0.9
		60	0.18	6.5	0.8	0.9
		70	0.20	6.7	0.9	1.0
360°	PSN5-F	30	0.24	5.0	0.9	1.1
		40	0.28	5.4	0.9	1.1
		50	0.32	6.0	0.9	1.0
		60	0.35	6.3	0.9	1.0
		70	0.39	6.5	0.9	1.0

model # (PSNXXXX)	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
PSN8-Q	30	0.16	8.4	0.9	1.0
	40	0.18	8.4	1.0	1.1
	50	0.21	8.8	1.0	1.2
	60	0.23	8.9	1.1	1.3
	70	0.26	9.2	1.2	1.4
PSN8-H	30	0.31	8.5	0.8	0.9
	40	0.36	8.7	0.9	1.1
	50	0.41	9	1.0	1.1
	60	0.45	9.1	1.0	1.2
	70	0.49	9.3	1.1	1.3
PSN8-F	30	0.61	8.3	0.8	1.0
	40	0.71	8.6	0.9	1.1
	50	0.81	8.9	1.0	1.1
	60	0.92	9.0	1.1	1.3
	70	1.12	8.9	1.4	1.6

model # (PSNXXXX)	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
PSN10-Q	30	0.24	10.4	0.9	1.0
	40	0.28	10.5	1.0	1.1
	50	0.32	10.6	1.1	1.3
	60	0.35	10.7	1.2	1.3
	70	0.38	10.7	1.3	1.5
PSN10-H	30	0.48	10.2	0.9	1.0
	40	0.55	10.4	1.0	1.1
	50	0.62	10.5	1.1	1.3
	60	0.68	10.5	1.2	1.4
	70	0.74	10.4	1.3	1.5
PSN10-F	30	0.91	9.8	0.9	1.1
	40	1.16	10.1	1.1	1.3
	50	1.29	10.2	1.2	1.4
	60	1.42	10.2	1.3	1.5
	70	1.54	10.2	1.4	1.7



Five Radii Available in Toro (Male) & Female Threads



Male-threaded Model

Female-threaded Model

PERFORMANCE DATA – PSN+ SPRAY NOZZLES WITH DEBRIS GUARD™

Arc	model # (PSNXXXX)	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
90°	PSN12-Q	30	0.34	11.5	1.0	1.1
		40	0.39	11.6	1.1	1.3
		50	0.44	11.5	1.3	1.5
		60	0.49	11.3	1.5	1.7
		70	0.53	11.3	1.6	1.9
180°	PSN12-H	30	0.68	11.4	1.0	1.2
		40	0.79	11.3	1.2	1.4
		50	0.89	11.5	1.3	1.5
		60	1.07	11.5	1.6	1.8
		70	1.16	11.2	1.8	2.0
360°	PSN12-F	30	1.35	10.8	1.1	1.3
		40	1.57	10.9	1.3	1.5
		50	1.76	10.9	1.4	1.6
		60	1.94	11.1	1.5	1.8
		70	2.08	11.0	1.7	1.9

model # (PSNXXXX)	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
PSN15-Q	30	0.56	16	0.8	1.0
	40	0.65	15.9	1.0	1.1
	50	0.73	15.8	1.1	1.3
	60	0.81	15.6	1.3	1.5
	70	0.93	15.3	1.5	1.8
PSN15-H	30	1.14	15.3	0.9	1.1
	40	1.32	15.7	1.0	1.2
	50	1.49	15.6	1.2	1.4
	60	1.64	15.7	1.3	1.5
	70	1.78	15.9	1.4	1.6
PSN15-F	30	1.94	14.1	0.9	1.1
	40	2.25	14.5	1.0	1.2
	50	2.51	15	1.1	1.2
	60	2.76	14.8	1.2	1.4
	70	2.95	15.1	1.3	1.4

PRECISION™ SERIES SPRAY NOZZLES

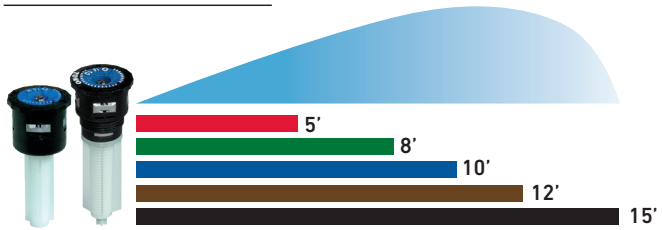
PERFORMANCE DATA – PRECISION™ SERIES SPRAY NOZZLES

Arc	model # (0-XX-XX)	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
60°	5-60	20	0.04	4.7	1.0	1.2
		30	0.04	5.0	1.0	1.2
		40	0.04	5.0	1.0	1.2
		50	0.05	5.3	1.0	1.1
90°	5-Q	20	0.06	4.6	1.0	1.2
		30	0.06	5.0	1.0	1.1
		40	0.07	5.0	1.0	1.2
		50	0.07	5.0	1.0	1.2
120°	5-T	20	0.07	4.4	1.0	1.2
		30	0.09	5.0	1.0	1.2
		40	0.09	5.2	1.0	1.2
		50	0.10	5.4	1.0	1.1
150°	5-150	20	0.07	4.0	1.0	1.2
		30	0.11	5.0	1.0	1.2
		40	0.12	5.2	1.0	1.2
		50	0.13	5.4	1.0	1.2
180°	5-H	20	0.10	4.4	1.0	1.2
		30	0.13	5.0	1.0	1.2
		40	0.14	5.1	1.0	1.2
		50	0.14	5.2	1.0	1.1
210°	5-210	20	0.10	4.4	1.0	1.2
		30	0.15	5.2	1.1	1.2
		40	0.16	5.3	1.1	1.3
		50	0.17	5.5	1.1	1.3
240°	5-TT	20	0.14	4.3	1.1	1.3
		30	0.17	5.0	1.0	1.1
		40	0.19	5.0	1.1	1.2
		50	0.19	5.0	1.1	1.3
270°	5-TQ	20	0.15	4.3	1.0	1.2
		30	0.20	5.0	1.0	1.2
		40	0.21	5.0	1.1	1.2
		50	0.22	5.0	1.1	1.3
360°	5-F	20	0.17	4.0	1.0	1.2
		30	0.26	5.0	1.0	1.2
		40	0.26	5.0	1.0	1.2
		50	0.26	5.0	1.0	1.2

model # (0-XX-XX)	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
8-Q	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
8-T	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
8-H	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
8-TT	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
8-TQ	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
8-F	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

model # (0-XX-XX)	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
10-Q	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
10-T	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
10-H	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
10-TT	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
10-TQ	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
10-F	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

Five Radii Available in Toro (Male) & Female Threads



Nine Arcs, Plus Side and Center Strips Available

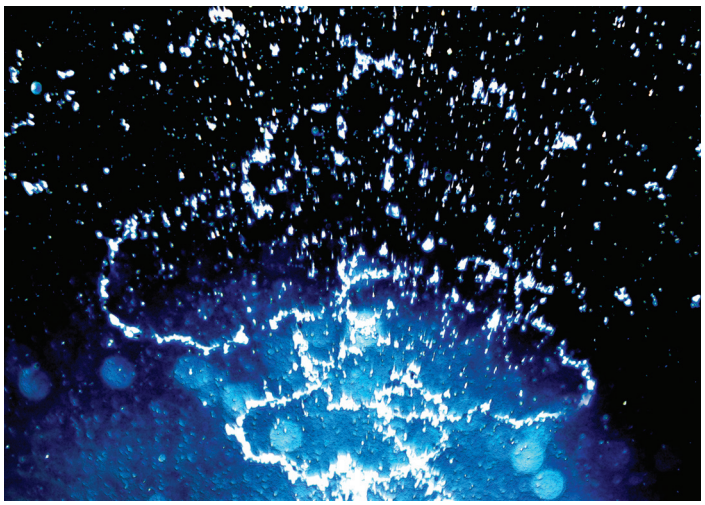
LCS (Left Corner Strip) | **SST** (Side Strip) | **RCS** (Right Corner Strip)

PERFORMANCE DATA – PRECISION™ SERIES SPRAY NOZZLES

Arc	model # (0-XX-XX)	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
60°	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
90°	12-Q	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
120°	12-T	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
150°	12-150	20	0.60	11.6	1.0	1.2
		30	0.62	12.0	1.0	1.1
		40	0.63	12.2	1.0	1.1
		50	0.64	12.3	1.0	1.1
180°	12-H	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
210°	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
240°	12-TT	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
270°	12-TQ	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
360°	12-F	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

model # (0-XX-XX)	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
15-Q	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
15-T	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
15-H	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
15-TT	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
15-TQ	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
15-F	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	1.2
	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	1.2
	30	0.19	4x9	1.0	1.2
	40	0.2	4x9	1.1	1.2
	50	0.2	4x9	1.1	1.1
4X9 RCS	20	0.18	4x9	1.0	1.2
	30	0.19	4x9	1.0	1.2
	40	0.2	4x9	1.1	1.2
	50	0.2	4x9	1.1	1.2



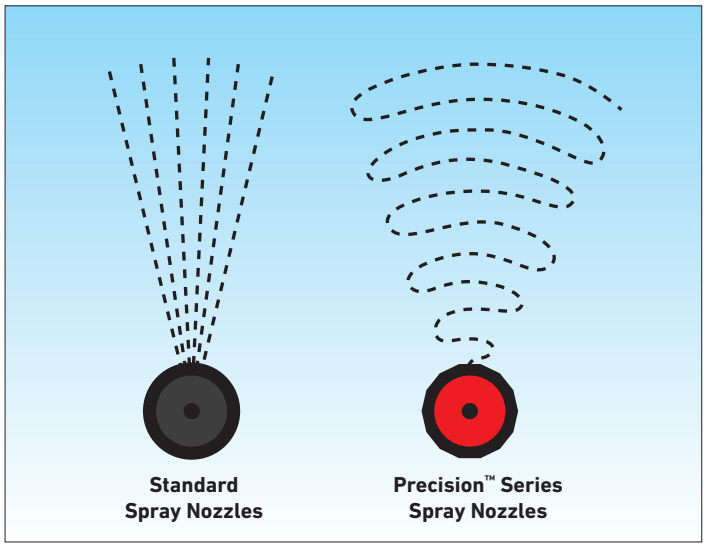
SPECIFICATIONS

Operational

- Radius: 5'-15'
- Operating pressure range (PSN and PSN+): 20-75 psi
- Recommended operating pressure (PSN and PSN+): 30 psi
- Flow Rate: 0.04-2.4 gpm
- Nozzle trajectory:
  - 5': 5°
  - 8': 10°
  - 10': 15°
  - 12': 20°
  - 15': 27°
  - Corner and Side Strips: 20°

Warranty

- Two years



Patented H²0 Chip Technology Delivers Improved Uniformity
Water enters a specially designed chamber within the H²O Chip where the water expands and collapses, creating an oscillating effect. Consistent-sized water droplets exit the Chip in the designed arc pattern and radius with clean edge definition, class-leading distribution uniformity, and reduced water usage.

Specifying Information-PSN+ Series Spray Nozzle

PSNXXXXX-XXX			
Nozzle	*Radius*	*Thread*	*Arc*
PSN	**XXXX**	**X**	**XXX**
PSN—PSN+	5—5' 8—8' 10—10' 12— 12' 15—15' 4X30—4'X30' 4X18—4'X18'	T—Toro Male-Threaded Nozzle Blank—Female-Threaded Nozzle	Q—90° H—180° F-360°—Full-circle LCS—Left Corner RCS—Right Corner SST—Side Strip
Example: A male-threaded PSN+ Series Spray with a spray radius of 12' and a 90° arc would be specified as: PSN12T-Q			

Specifying Information-Precision™ Series Spray Nozzle

O-X-XXXX-XXXX			
Nozzle	*Thread*	*Radius*	*Arc*
O	**X**	**XXXX**	**XXXX**
O—1" Per Hour	T—Toro Male-Threaded Nozzle Blank—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°—Full-circle LCS—Left Corner RCS—Right Corner SST—Side Strip
Example: A female-threaded Precision™ Series Spray with a spray radius of 12' and a 90° arc would be specified as: **O-12-Q** **Example 2:** A male-threaded Pressure-Compensating Precision™ Series Spray with a spray radius of 10' and a 180° arc would be spcified as **O-T-10-HP**			

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