



Precision™ Series Spray Nozzles

Powered by H²O Chip Technology

SPRAY NOZZLES

Toro's new Precision Series Spray Nozzles deliver increased efficiency over standard spray head installations. Lowering the standard precipitation rate* to 1" per hour – or less, these nozzles are designed to use less water and reduce run off.



Precision™ Series Spray Nozzles

PATENTED H²O CHIP TECHNOLOGY

H² = Hyper-streams of oscillating water at Hyper-frequencies which move back and forth within a specially designed chamber and continue upon exit. "O" Stands for "One" inch per hour precipitation rate.

EFFICIENCY

Increased performance characteristics and lower precipitation rates now yield the same run time using less water.*

PRACTICAL

On new installs or retrofit projects, Precision Series Spray Nozzles work just like conventional spray nozzles but offer greater arc selection and maintain their precipitation rate - even when the radius is reduced.

*Versus comparable spray nozzles

TORO**Count on it.****SPECIFICATIONS****Precision™ Series Spray Nozzles**
With H₂O Chip Technology

High velocity streams of water achieve the desired radius with less water.



The H₂O Chip drives the Precision Series Spray Nozzle performance

Operating Specifications

- Radius: 5'-15'
- Operating pressure range: 20-50 psi (maximum – 75 psi)
- Flow Rate: 0.038 - 2.4 GPM

Additional Features

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

Warranty

Two years

Features and Benefits**H₂O Chip Technology**

- A patented nozzling system that distributes water more efficiently and reaches the desired radii with less flow
- Expanded selection of arc choices for precise distribution

Lower Precipitation Rate* – One Inch Per hour (or less)

- Uses 1/3 less flow to reach a radius of a conventional spray nozzle yet achieves higher irrigation efficiency

No Moving or Sonic Welded Parts

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

Uniform Droplet Size

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

Greater Operating Pressure Range

- Consistent performance from 20 to 50 PSI
- No wasteful misting or fogging

Male & Female Threaded Models

- Available in:
 - 5 Radii between 5' and 15'
 - 9 Different arcs between 60° and 360°
 - 3 Specialty arcs – right corner, left corner & center strips

*Versus comparable spray nozzles

Specifying Information

O-X-XXXX-XXX						
Nozzle	Thread	Radius		Arc	Body	
O	X	XXXX		XXX		
O—Oscillating Nozzle	T—Toro Male Threaded Nozzle Blank—Female Threaded Nozzle	5—5'	8—8'	10—10'	60—60° Q—90° T—120° 150—150° H—180° 210—210° TT—240° TQ—270° 360—Full-circle LCS—Left Corner RCS—Right Corner SST—Side Strip	Call out body as required
		12—12'	15—15'			
		2X3—2'X3'	2X6—2'X6'			
		4X15—4'X15'				
		4X30—4'X30'				
		4X9—4'X9'				
		4X18—4'X18'				

Example: A 570 Precision Series Nozzle with a spray of 10' and a 180° arc would be specified as: **O-T-10-H**

**www.toro.com****The Toro Company • Irrigation Division**

5825 Jasmine St. • Riverside, CA • 92504 • 877-345-8676

09-1045-IRC Specifications subject to change without notice. For more information, contact your local Toro distributor. ©2008 The Toro Company. All rights reserved.