

 TORO®

# PRECISION™ SERIES ROTATING NOZZLE SHRUB & SLOPE KIT



The new Toro® Precision™ Series Rotating Nozzle Shrub & Slope Kit is the ideal tool for delivering efficient irrigation in above-ground settings, such as slopes, shrub beds, and grow nurseries. Pre-assembled out of the box, the kit features a highly-efficient Precision™ Rotating Nozzle, 570ZSXF Shrub Riser, and 15' Precision™ Check Valve. The kit has a universal 1/2" NPT female inlet, making it a go-to solution for both new installs and retrofit projects.

## FEATURES & BENEFITS

### Efficient and Effective

The fully-assembled PRN Shrub & Slope Kit features a Precision™ Series Rotating Nozzle, which delivers a matched precipitation rate of 0.6" per hour; a 570ZSXF Shrub Riser with integrated water-saving X-Flow® Technology; and a Precision™ Check Valve that provides up to 15 feet of check height.

### Water-Saving Features

The patented X-Flow® Technology built into the Shrub Riser prevents water waste by virtually eliminating the flow of water through the riser in the event the nozzle is removed. The spring-actuated Precision™ Check Valve provides an immediate check at system shut-off and eliminates low head drainage – a critical need in slope settings.

### Flexibility of Design

Available with an Adjustable Arc nozzle that allows arc adjustments from 45° to 270°, or a 360° Full Circle nozzle, the PRN Shrub & Slope Kit is capable of meeting the details of any layout.



Toro Precision™ Series Rotating Nozzle (Full or Adjustable Arc)



Toro 570SXF Shrub Riser (Patented X-Flow Technology)



Toro Precision™ Check Valve (Eliminates Low Head Drainage)



Pre-installed adjustable or full circle  
**Precision™ Series Rotating Nozzle**  
 delivers multiple wind-resistant,  
 low trajectory streams at a matched  
 precipitation rate of 0.6 inches per hour.



**Toro 570SXF**  
 Shrub riser with patented X-Flow®  
 Technology prevents water waste by  
 eliminating 99.9% of the flow through the  
 riser in the event the nozzle is removed.  
 Ideal protection against vandalism and  
 theft, or for maintenance convenience.  
 (Flush lateral line before installing)

With a hold-back strength of up to  
 fifteen (15) feet, the Precision™ **Check  
 Valve** is spring-activated and provides  
 an immediate check at system shut-  
 off, making it ideally suited for slope  
 settings. 1/2" FxM NPT Thread.

## SPECIFICATIONS

### Operational

- Radius: 14-26 feet (max radius at 75 psi operating pressure)
- Operating pressure range: 40-75 psi (use of the Precision™ Check Valve is not recommended on systems with an operating pressure of less than 40 psi.)
- Recommended operating pressure: 45 psi
- 1/2" NPT Female inlet
- Check height: up to 15 feet

### Warranty

- Two years

## Additional Features

- ✓ Maximum stream trajectory of 20° to help fight wind and minimize drift
- ✓ Radius reduction of up to 25% by turning set screw at top of nozzle
- ✓ Integrated X-Flow® Technology
- ✓ Pre-assembled for ease of installation

## PRN SHRUB & SLOPE KIT MODEL LIST

Model	Description
PRNTA-S-PCV	Adjustable Arc kit with X-Flow® and 15' Check Valve
PRNTF-S-PCV	Full Circle kit with X-Flow® and 15' Check Valve

(Designate "SE" in model number for effluent option)

## PRECISION™ SERIES ROTATING NOZZLES PERFORMANCE DATA (ADJUSTABLE) 45° - 270°

Arc	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
90°	40	0.62	20.5	0.57	0.66
	50	0.75	22.5	0.57	0.66
	60	0.82	23.5	0.57	0.66
180°	40	1.22	20.5	0.56	0.65
	50	1.46	22.5	0.56	0.64
	60	1.61	24.0	0.54	0.62
270°	40	1.62	19.0	0.57	0.66
	50	2.00	21.5	0.55	0.64
	60	2.26	23.0	0.55	0.63

## PRECISION™ SERIES ROTATING NOZZLES PERFORMANCE DATA (FULL)

Arc	psi	gpm	Radius	Precip. Rate ■ (in./hr.)	Precip. Rate ▲ (in./hr.)
360°	40	2.56	20.9	0.56	0.65
	50	3.09	22.9	0.57	0.65
	60	3.34	23.8	0.57	0.66

Nozzle data subject to change.

## Specifying Information—PRN Shrub & Slope Kit

PRNTX-SX-PCV				
Model	Arc	Riser	Type	PCV
<b>PRN</b>	<b>X</b>	<b>S</b>	<b>X</b>	<b>PCV</b>
PRNT - Precision™ Rotating Nozzle (Toro male thread)	A - Adjustable F - Full Circle™	S - 570ZSXF Shrub Riser	Blank - Standard E - Effluent (lavender body)	PCV - 15' Precision™ Check Valve

Example: A Shrub & Slope Kit with an adjustable arc pattern and lavender-colored Riser would be specified as: **PRNA-SE-PCV**



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The Toro Company • Irrigation Division • 5825 Jasmine St. Riverside, CA • 92504 • 877-345-8676

Specifications subject to change without notice. For more information, contact your local Toro distributor.

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