



- 50mm (2") and 100mm (4") Pop-up
- Radius: 0,6-7,9m (2'-26')
- Operating Pressure Range: 1,4-3,5 Bar (20-50 psi)

The Toro® LPS Series meets the demand without sacrificing quality. These fixed sprays feature a durable, compact body with a pressure activated seal that minimizes flow-by during start-up and keeps debris away during retraction.



Learn more at [toro.com](http://toro.com)

## Features & Benefits

### Pressure Activated Seal

Minimizes flow-by during pop-up and keeps debris away from stem during retraction.

### Stainless Steel Retraction Spring

This heavy-duty spring ensures positive pop-down.

### Easy Grip Top

Unique grip-and-turn adjustment from the top of the nozzle – wet or dry.

### Removable Components

Nozzle, screen and internal components are easily removed for flushing and servicing.

### Compatible With All 570Z Nozzles

Available with pre-installed Toro Variable Arc Nozzles (TVAN), Precision™ Series spray nozzles (Variable Radius) or Precision™ Series rotating nozzles



## Water Management Highlight

Available with Precision™ Series Nozzles and Precision™ Series Rotating Nozzles preinstalled



## Specifications

### Dimensions

- Body diameter: 30mm (1¼")
- Cap diameter: 41mm (1⅝")
- Inlet: ½" female-threaded

### Operating Specifications and Features

- LPS:
  - Radius: 0,6-7,9m (2' – 26')
  - Operating pressure range: 1,4-3,5 Bar (20-50 psi)
  - Recommended pressure for TVAN nozzles: 2,1 Bar (30 psi)
  - Flow by: 0 at 0,7 Bar (0 at 10 psi) or greater
  - Infinitely adjustable from 0° to 360°
  - Top color-coded nozzles
- PSN (with PCD):
  - Radius: 1,5-4,6m (5'-15')
  - Operating pressure range: 2,8-5,2 Bar (40-75 psi)
  - Recommended Pressure: 3,5 Bar (50 psi)
  - Flow Rate: 0,2-9,4 LPM (0.06-2.4 GPM)
  - Nozzle trajectory:
    - 1,5m (5'): 5°
    - 2,4m (8'): 10°
    - 3,0m (10'): 15°
    - 3,7m 12' ('): 20°
    - 4,6m (15'): 27°
  - Corner and Side Strips: 20°
- PRN:
  - Radius: 4,3m-7,9m (14'-26' )
  - Operating pressure range: 1,4-3,8 bar (20-55 psi) maximum: 5,2 bar (75 psi)
  - Recommended pressure for rotating nozzles: 2,8-3,5 Bar (40-50 psi)
  - Flow Rate: 0,6-13,9 LPM (0.4-3.8 GPM)

### Options Available

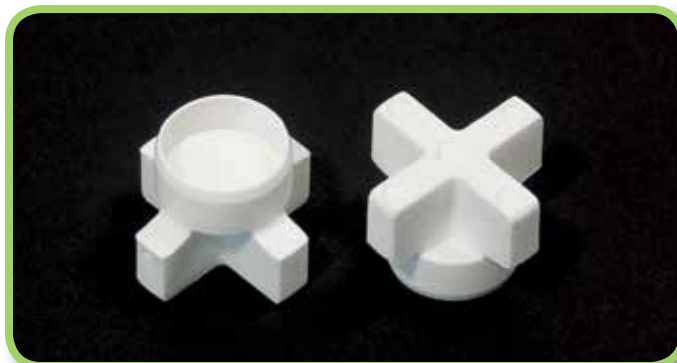
- LPSCV – Check Valve: Maintains up to 2,1m (7') elevation change

### Warranty

- Two years

## Optional Check valve

The LPS sprinkler series has an optional check valve rated to hold back 2,1m (7') of elevation change. This helps to eliminate low head drainage and keeps the lines charged to lessen water hammer potential.



### LPS Series Model List

Model	Description
LPS210	50mm (2") Pop-up w/TVAN10 installed
LPS212	50mm (2") Pop-up w/TVAN12 installed
LPS215	50mm (2") Pop-up w/TVAN15 installed
LPS217	50mm (2") Pop-up w/TVAN17 installed
LPS400	100mm (4") Pop-up w/o nozzle
LPS408	100mm (4") Pop-up w/TVAN8 installed
LPS410	100mm (4") Pop-up w/TVAN10 installed
LPS412	100mm (4") Pop-up w/TVAN12 installed
LPS415	100mm (4") Pop-up w/TVAN15 installed
LPS417	100mm (4") Pop-up w/TVAN17 installed
53877	Multi-Stream PRN (Adjustable) PRN-TA
53878	Multi-Stream PRN (Full) PRN-TF
53892	100mm (4") LPS Spray w/ Variable Radius Precision™ Series Nozzle, Quarter Circle
53893	100mm (4") LPS Spray w/ Variable Radius Precision™ Series Nozzle, Half Circle
53894	100mm (4") LPS Spray w/ Variable Radius Precision™ Series Nozzle, Full Circle

### Specifying Information—LPS Series with TVAN

LPS X XX CV			
Description	Body	Nozzle	Options
LPS	X	XX	CV
LPS—LPS Fixed Spray	2— 50mm Body (2") 4— 100mm Body (4")	00—Body Only* 08— 2,4m (8")* 10— 3,0m (10) 12— 3,7m (12) 15— 4,6m (15) 17— 5,2m (17)	CV—Check Valve
Example: A 100mm (4") Fixed-spray Sprinkler with a 3.0m (10') nozzle, would be specified as: LPS410			

\*4" Only

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