

**TORO**

Count on it.

# 570Z

## Fixed Spray Sprinklers

RESIDENTIAL &amp; COMMERCIAL

With over 20 years of solid performance, the 570Z Series sprinklers provide a successful solution to every application need. Its durable construction and design assure you of dependability and versatility for years to come.



### **VERSATILITY**

The 570Z is ideal for small landscape areas and intricate designs. The PR and PRX models are ideal for applications with high or varying operating pressure, including long lines and slopes. Seven distinct pop-up sprinkler bodies and 108 interchangeable nozzles provide unlimited design and flexibility.

### **FLEXIBILITY**

The 570Z Series features a low-pressure seal that flushes only upon retraction. The 570Z models are ideal for small turf areas and intricate designs.

### **RELIABILITY**

With productivity enhancing features such as the patented **X-Flow technology**, water loss is minimized from broken or damaged nozzles and repairs can be made without shutting down the rest of the irrigation system. As expected from a product with more than 20 years of proven dependability, you can count on the construction, design and performance of the 570Z Series sprinklers to fill your irrigation needs.

# 570Z Features & Benefits



## Intricate Irrigation Simplified

The 570Z is ideal for small landscape areas and intricate designs. The PR and PRX models are ideal for applications with high or varying operating pressure, including long lines and slopes.

### FEATURES & BENEFITS *All Models*

- Zero flush seal prevents flushing on pop-up, allowing more sprinklers-on-the-same line.
- Various models available featuring patented in-riser pressure regulator and X-Flow shut-off device for conservation and maximum irrigation efficiency.
- Several body sizes to satisfy varying installation requirements, such as 12" (300mm) pop-ups for flower beds.
- 108 different nozzles provide tremendous versatility
- Low-pressure sealing at 15 psi (1 Bar) for low pressure pumps and well systems.
- Ratcheting riser feature for easy and reliable arc adjustment (pop-up models)

### ADDITIONAL FEATURES

#### Operational

- Retraction flushing clears debris for reliable pop-down
- Small 2" (50 mm) diameter cap is less visible, reducing damage from exposure or vandals
- Check valve prevents low-head drainage and keeps laterals charged with water (optional)
- Stainless steel retraction spring
- Recycled water caps available

#### Installation

- Accepts Maxijet® nozzles for low application rate irrigation
- All bodies shipped with a flush plug in place for ease of flushing and riser pull-up
- Side inlet models available on 6" (150 mm) and 12" (300 mm) sprinkler bodies for easier installation and vandal resistance
- Non-side-inlet models available on 6" (150 mm) and 12" (300 mm) sprinkler bodies
- Variable arc nozzles – SKU reduction

### SPECIFICATIONS *Common for all 570Z Models*

#### Operational

- Radius 0-17' (0-5,1 m)
- Maximum operating pressure: 75 psi (5,2 Bar)
- Minimum operating pressure for COM models: 25 psi (1,7 Bar)
- 1/2" (13 mm) female threaded inlet

#### Dimensions

- Body diameter:
  - 1 3/8" (35 mm) on 2P, 3P, 4P, 6P and 6P-SI models
  - 1 5/8" (41 mm) on 12P models
  - 1 3/4" (44 mm) on 12P-SI models
- Cap diameter: 2" (50 mm)
- Side Inlet: 4 3/4" (120 mm) from top of sprinkler to center of side inlet
- Check valve maintains up to 10' (3 m) elevation change (optional on non-side-inlet models except 2" and 3" (50 mm and 76 mm))

### X-Flow Technology



At 40 psi, the standard pressure fixed spray with a missing nozzle wastes water at a rate of 40 GPM.



That same fixed spray with an X-Flow feature wastes almost no water — 99% less.



The 570Z XF Series requires the use of the filter basket screen to push down on the X-Flow valve.



With nothing pushing down, water pressure pushes up on the X-Flow valve shutting off the flow.



## 570Z

Featuring a low-pressure seal that flushes only upon retraction, the 570Z Series is ideal for small landscape areas and intricate designs.

- Flow rate: 0.05 - 5.6 GPM (0,2 - 25,4 LPM)
- Recommended operating pressure range: 20 - 50 psi (1,4 - 3,5 Bar)
- Minimum operating pressure for COM models: 25 psi (1,7 Bar)
- Two-year warranty

Optional Check-O-Matic feature

### Specifying Information

570Z XXP SI COM E

Model	Pop-up Height	Optional	Optional	Optional
S—Shrub 2—2" (50mm) 3—3" (76mm)	4—4" (100mm) 6—6" (150mm) 12—12" (300mm)	SI—Side Inlet*	COM—Check-O-Matic**	E—Effluent

Example: A 570Z Series Sprinkler with a pop-up height of 6" (150mm) and a check valve, you would specify: 570Z-6P-COM

\*Available for 6" (150mm) and 12" (300mm) models.

\*\*Available with non-side inlet models except 2" and 3" (50mm and 76mm).



## 570Z XF

These sprinklers feature all the benefits of the 570Z Series, plus they offer the exclusive patented X-Flow® shutoff feature for added convenience.

- Flow rate: 0.05 - 5.6 GPM (0,2 - 25,4 LPM)
- Recommended operating pressure range: 20 - 50 psi (1,4 - 3,5 Bar)
- Minimum operating pressure for COM models: 25 psi (1,7 Bar)
- Two-year warranty

### Specifying Information

570Z XXP SI XF COM E

Model	Pop-up Height	Optional	Optional	Optional
S—Shrub Z—Lawn Pop-up & High-pop	4—4" (100mm) 6—6" (150mm) 12—12" (300mm)	SI—Side Inlet*	COM—Check-O-Matic**	E—Effluent

Example: A 570Z XF Series Sprinkler with a pop-up height of 6" (150mm) and a check valve, you would specify: 570Z-6P-XF-COM

\*Available for 6" (150mm) and 12" (300mm) models.

\*\*Available with non-side inlet models.



## 570Z PR

Featuring a patented in-riser pressure regulator device, these models are ideal for applications with high or varying operating pressures, including master planned communities on central satellite control with high flow alarms.

- Flow rate: 0.05 - 3.3 GPM (0,2 - 15,0 LPM)
- Recommended operating pressure range: 30 - 70 psi (2,0 - 4,8 Bar)
- Minimum operating pressure for COM models: 25 psi (1,7 Bar)
- Five-year warranty



## 570Z PRX

Featuring both the patented in-riser pressure regulator and X-Flow device, these models are ideal for applications with high or varying operating pressure, including long lines and slopes.

- Flow rate: 0.05 - 3.3 GPM (0,2 - 15,0 LPM)
- Recommended operating pressure range: 30 - 75 psi (2 - 5,2 Bar)
- Minimum operating pressure for COM models: 25 psi (1,7 Bar)
- Five-year warranty



### Specifying Information

570X XXP SI PR COM E

Model	Pop-up Height	Optional	Optional	Optional
S—Shrub Z—Lawn Pop-up & High-pop	4—4" (100mm) 6—6" (150mm) 12—12" (300mm)	SI—Side Inlet	COM—Check Valve*	E—Effluent

Example: A 570Z PR Series Sprinkler with a pop-up height of 6" (150mm) with a side-inlet option, would be specified as: 570Z-6P-SI-PR

\*Available with non-side inlet only. PR models not recommended for use with PCD nozzles.

### Specifying Information

570X XXP SI PRX COM E

Model	Pop-up Height	Optional	Optional	Optional
S—Shrub Z—Lawn Pop-up & High-pop	4—4" (100mm) 6—6" (150 mm) 12—12" (300 mm)	SI—Side Inlet	COM—Check Valve*	E—Effluent

Example: A 570Z PRX Series Sprinkler with a pop-up height of 6" (150mm) with a side-inlet option, would be specified as: 570Z-6P-SI-PRX

\*Available with non-side inlet only. PRX models not recommended for use with PCD nozzles.

## 570Z Sprinkler Nozzles

### 570 VARIABLE ARC NOZZLES (TVANS)



Balanced precipitation rates within TVAN families fit all Toro 570Z sprinkler bodies. Adjustable from 0 - 360° with five different color codes for easy radii identification (8' - 17').

Recommended operating pressure range: 20-50 psi (1,4 - 3,5 Bar) Maximum operating pressure: 75 psi (5,2 Bar)

### 570 MPR PLUS SPRAY NOZZLES



Matched precipitation rate nozzles apply water at approximately the same rate. Preinstalled PCD's eliminate fogging, conserve water and provide precise flow rates. Complete selection of spray patterns and trajectories add to versatility with flow rates from 0.05 - 4.58 GPM (0,2 - 17 LPM).

Recommended operating pressure range: 20-50 psi (1,4 - 3,5 Bar) Maximum operating pressure: 75 psi (5,2 Bar)

### MAXIJET MICROSPRAY NOZZLES



Pre-assembled nozzle, adapter and pressure compensating screens are ideal for ground cover, flower beds and low-water use plants. Four nozzle patterns and three radii available with flow rates ranging 10 - 31.6 GPH (40 - 119,6 LPH).

Recommended operating pressure range: 20-50 psi (1,4 - 3,5 Bar) Maximum operating pressure: 50 psi (3,5 Bar)

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