

TORO**Count on it.**

570Z Series

S P R I N K L E R S**RESIDENTIAL • COMMERCIAL**

Reliability is simply stated in 570Z Series' 20 years of solid performance. Add to that its extensive product line offering and you have a successful solution for every application need.

570Z Series sprinklers have an impressive track record, offering operation that you can count on. Its solid construction and design assure dependability. These fixed-sprays have worked well for 20 years and will continue to do so.

With 570, you get flexibility. Select variable arc nozzles (VANs) for a one-nozzle-fits-all solution, or choose MPR nozzles for complete precision. For further versatility, 570Z Series includes microspray nozzles, shrub adapters, and extenders and risers.



570Z Series Sprinklers

0'-17' (0-5m) Radius

Features

- Zero-flush seal prevents flushing on pop-up
- Retraction flushing clears debris for reliable pop-down
- Low-pressure sealing at 15 psi (1 Bar)
- Small, 2" (50mm) diameter cap is less visible, reducing damage from exposure or vandals
- Accepts all Toro spray nozzles—including 570 MPR Plus, Toro variable arc, bubbler and low-angle nozzles

- 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
- Ratcheting riser feature for easy and reliable arc adjustment
- Non-side-inlet models available on 6" (150mm) and 12" (300mm) sprinkler bodies for sandy soils or applications prone to high-pressure surges and spikes
- Check valve prevents low-head damage and keeps laterals charged with water (optional)
- Durable engineering plastic construction
- Stainless steel retraction spring
- Recycled water indicators available
- Two-year warranty



Ratcheting riser lets you fine-tune after installation

Zero flush seal, on retraction

Small (2" cap diameter) solid black cap is less visible, reducing damage from exposure

Side inlet available on non-Check-O-Matic 6" and 12" models (not illustrated)

Optional: Check-O-Matic seal installed into riser prevents low-head drainage



Specifications

- Flow rate: 0.05–4.58 GPM (0,2–17 LPM)
- Recommended operating pressure: 20–50 psi (1,4–3,5 Bar)
- Maximum operating pressure: 75 psi (5,2 Bar)
- ½" (13mm) female-threaded inlet

- Dimensions:
 - Body diameter:
 - 1⅜" (35mm) on 2P, 3P, 4P, 6P and 6P-SI models
 - 1⅝" (41mm) on 12P models
 - 1¾" (44mm) on 12P-SI models
 - Cap diameter: 2" (50mm)
 - Side inlet: 4¾" (120mm) from top of sprinkler to center of side inlet
- Check valve maintains up to 10' (3m) elevation change (optional on side-inlet models except 2" [50mm])

Specifying Information

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

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" (50mm).
 Maxijet is a registered trademark of The Toro Company.

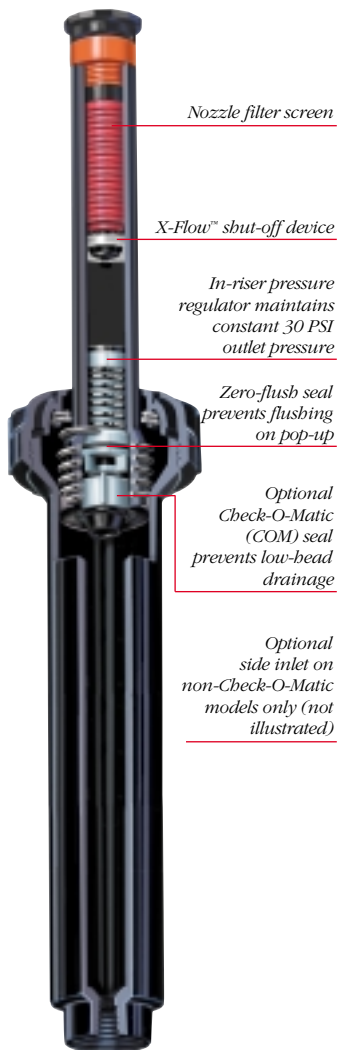
570Z PRX Series Sprinklers

0'-15' (0-4,6m) Radius

Features

- Patented in-riser pressure regulator
- Maintains constant 30 psi (2 Bar) outlet pressure
- Eliminates misting and fogging caused by pressures above 30 psi (2 Bar)

- Patented X-Flow high-flow shut-off device built into the riser
- Restricts water loss if the nozzle is removed or damaged, eliminating potential erosion or safety issues
- Allows for nozzle and filter replacement or maintenance while the system is running
- PRX stamped on cap for easy identification
- All bodies shipped with a flush plug in place for ease of flushing and riser pull up
- Zero-flush seal prevents flushing on pop-up
- Retraction flushing clears debris for reliable pop-down
- Side-inlet models available on 6" (150mm) and 12" (300mm) sprinkler bodies for easier installation and vandal resistance
- Non-side-inlet models available on 6" (150mm) and 12" (300mm) sprinkler bodies for sandy soils or applications prone to high-pressure surges and spikes
- Check valve prevents low-head damage and keeps laterals charged with water (optional)
- Recycled water models available—cap molded in lavender-colored plastic for permanent identification
- Cap cover available for new or existing installations
- Five-year warranty



Specifications

- Flow rate: 0.05–3.30 GPM (0,2–17 LPM)
- Recommended operating pressure: 30–75 psi (2–5,2 Bar)
- Maximum operating pressure: 75 psi (5,2 Bar)
- ½" (13mm) female-threaded inlet
- Dimensions:
 - Body diameter:
 - 1⅜" (35mm) on 4P, 6P and 6P-SI models
 - 1⅝" (41mm) on 12P models
 - 1¾" (44mm) on 12P-SI models
 - Cap diameter: 2" (50mm)
 - Side inlet: 4¾" (120mm) from the top of sprinkler to center of side inlet

- Check valve maintains up to 7' (2,1m) elevation change (optional on side-inlet models)

Notes: You must have a nozzle screen or flush plug in place to deactivate the X-Flow function. Without either, there will not be flow through the sprinkler.

570Z PRX not recommended for use with PCD nozzles.

Specifying Information

Model	Pop-up Height	Optional	Optional	Optional
Z—Lawn Pop-up & High-pop S—Shrub	4P—4" (100mm) 6P—6" (150mm) 12P—12" (300mm)	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.
X-Flow is a trademark of The Toro Company.

570 Variable Arc Nozzles (TVANs)

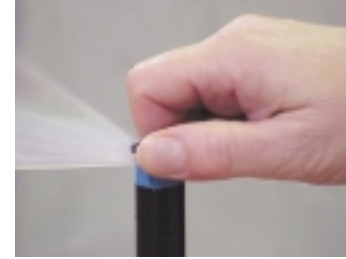
8'–17' (2,4–5,2m) Radius

Features

- Exclusive matched precipitation rates (MPR) across entire radius range (within and between families)
- Fits all Toro 570Z sprinkler bodies
- Infinitely adjustable arc from 0°–360°
- Five different nozzles for various radii
- Color-coded nozzles allow for easy identification
 - 8' (2,4m), green
 - 10' (3,0m), blue
 - 12' (3,7m), brown
 - 15' (4,6m), black
 - 17' (5,2m), gray
- Exceptional uniform coverage
- Adjustment screw allows up to 25% radius reduction
- Flow increases or decreases proportionately with radius adjustment (maintaining MPR)
- Unique grip-and-turn adjustment—wet or dry
- Fine-mesh, snap-in green filter screens, prevent clogging

Specifications

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

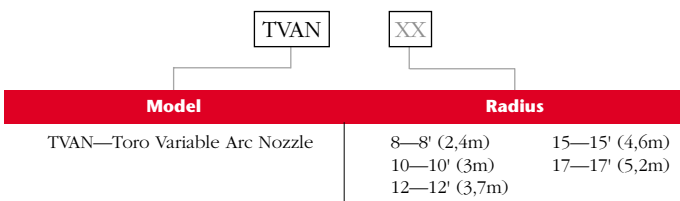


570 Variable Arc Nozzle Performance Data—U.S.

Pattern	8' Series			10' Series			12' Series			15' Series			17' Series		
	psi	GPM	Radius	psi	GPM	Radius	psi	GPM	Radius	psi	GPM	Radius	psi	GPM	Radius
90°	■						20	0.90	13	20	1.11	13			
							25	0.95	14	25	1.22	14			
							30	0.99	14	30	1.34	15			
							35	1.06	14	35	1.40	15			
							40	1.13	14	40	1.54	16			
							45	1.15	15	45	1.65	16			
180°	◐						20	1.45	12	20	1.82	13			
							25	1.55	13	25	2.01	14			
							30	1.65	13	30	2.22	14			
							35	1.76	13	35	2.33	15			
							40	1.86	13	40	2.56	15			
							45	1.97	13	45	2.61	15			
270°	◑						20	2.01	11	20	2.48	12			
							25	2.16	12	25	2.75	13			
							30	2.32	12	30	3.04	13			
							35	2.45	13	35	3.21	14			
							40	2.62	13	40	3.48	14			
							45	2.77	13	45	3.64	15			
360°	●						20	2.92	12	20	3.11	12			
							25	3.09	12	25	3.51	13			
							30	3.22	12	30	3.82	13			
							35	3.45	13	35	4.12	14			
							40	3.65	14	40	4.42	14			
							45	3.86	13	45	4.56	14			
50	3.88	13	50	4.92	14										

■ = Data not yet available.

Specifying Information



Example: A Variable Arc Nozzle with a 10' radius, would be specified as: **TVAN-10**

Note: To specify a TVAN nozzle with a 570Z sprinkler body, attach the body specification (pgs. 2–4) before the above nozzle specification.

Maxijet® Microspray Nozzles

Features

- Ideal for ground cover, flowerbeds and low-water-use plants
- Nozzle, adapter and pressure-compensating screens are pre-assembled
- Pressure compensation provides uniform application over elevation changes and long runs
- Flushmount Top-Hat design allows the nozzle assembly to retract into the body (on pop-up models) for added debris and vandal resistance

- Low-flow rates reduce runoff in compacted soils and allows deep percolation in sandy soils
- Nozzles and pressure-compensating screens are color-coded by flow rate for easy identification
- Three radii and flow rates:
 - 10 GPH—4', blue (40 LPH—1,2m)
 - 15 GPH—5', green (57 LPH—1,5m)
 - 24 GPH—6', red (91 LPH—1,8m)
- Four nozzle patterns:
 - 90° quarter-circle
 - 180° half-circle
 - 360° full-circle
 - Center strip



Specifications

- Flow rate: 10–31.6 GPH (40–119,6 LPH)
- Recommended operating range: 20–50 psi (1,4–3,5 Bar)
- Maximum operating pressure: 50 psi (3,5 Bar)

570Z Series Maxijet Nozzle Assemblies Performance Data

10 GPH Series with 0° Trajectory—U.S. ●

Pattern	Description	psi	GPH	Radius		
■	MJ-4Q	20	10.5	4.5		
		30	12.8	5.0		
		40	14.6	5.5		
■	MJ-4Q-PC	20-50	10.0	4.5		
		●	MJ-4H	20	10.5	4.0
				30	12.8	4.5
40	14.6			4.5		
●	MJ-4H-PC	20-50	10.0	4.0		
		●	MJ-4F	20	10.5	4.0
				30	12.8	5.0
40	14.6			5.0		
●	MJ-4F-PC	20-50	10.0	3.5		
		■	MJ-4CST	20	10.5	1.5 x 3
				30	12.8	5.5 x 3
40	14.6			6.0 x 3.5		
■	MJ-4CST-PC	20-50	10.0	4 x 3		

15 GPH Series with 0° Trajectory—U.S. ●

Pattern	Description	psi	GPH	Radius		
■	MJ-5Q	20	16.0	6.5		
		30	19.9	7.0		
		40	22.7	7.5		
■	MJ-5Q-PC	20-50	15.0	5.5		
		●	MJ-5H	20	16.0	6.5
				30	19.9	7.0
40	22.7			7.5		
●	MJ-5H-PC	20-50	15.0	5.5		
		●	MJ-5F	20	16.0	4.5
				30	19.9	5.0
40	22.7			5.0		
●	MJ-5F-PC	20-50	15.0	5.0		
		■	MJ-5CST	20	16.0	4.5 x 3
				30	19.9	5.5 x 3
40	22.7			6.5 x 3.5		
■	MJ-5CST-PC	20-50	15.0	5 x 3		

24 GPH Series with 0° Trajectory—U.S. ●

Pattern	Description	psi	GPH	Radius		
■	MJ-6Q	20	23.5	7.0		
		30	29.1	8.0		
		40	31.6	8.5		
■	MJ-6Q-PC	20-50	24.0	6.5		
		●	MJ-6H	20	23.5	5.0
				30	29.1	5.5
40	31.6			6.0		
●	MJ-6H-PC	20-50	24.0	5.5		
		●	MJ-6F	20	23.5	5.0
				30	29.1	6.5
40	31.6			7.5		
●	MJ-6F-PC	20-50	24.0	5.5		
		■	MJ-6CST	20	23.5	5.5 x 3
				30	29.1	6.5 x 3.5
40	31.6			7.0 x 3.5		
■	MJ-6CST-PC	20-50	24.0	6 x 3		

Radius shown in feet.



Specifying Information

Description	Radius	Arc
MJ—Maxijet Microspray Nozzle Assemblies	4—4' (1,2m) 5—5' (1,5m) 6—6' (1,8m)	Q—90° F—360° H—180° CST—Center Strip

Example: A 4' (1,2m) radius Maxijet Microspray Nozzle Assembly with a 180° arc, would be specified as: **MJ-4H**

Note: To specify a Maxijet nozzle with a 570Z sprinkler body, attach the body specification (pgs. 2-4) before the above nozzle specification. Maxijet is a registered trademark of The Toro Company.

570Z MPR Plus Spray Nozzles

Features

- Matched precipitation rates ensure all nozzles (every radius and pattern) apply water at approximately the same rate
- Low-flow rates allow for more sprinklers to be placed on the same zone
- Free preinstalled PCDs eliminate fogging, conserve water and provide precise flow rates (also available without PCDs)
- Color-coding by radius for easy identification
- Complete selection of arcs for all radius options—full, $\frac{3}{4}$, $\frac{2}{3}$, $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$
- Precise radius/flow adjustment will not lose adjustment

- 5' (1,5m) nozzles adjust to 3' (1m)
- Standard and special spray patterns
- Patterns for small areas:
 - Full set of arcs for 10' (3m), 8' (2,4m) and 5' (1,5m) radius nozzles
- 4' x 18' (1,2 x 5,5m) side strip ideal for medians
- 2' x 6' (0,6 x 1,8m) for small planter beds and other narrow areas
- Five levels of trajectory
- Convenient nozzle packaging—nozzles and screens packed separately in attached bags
- Fine-mesh, snap-in filter screens, prevent clogging of lower gallonage nozzles
- Adjustment screw allows up to 25% reduction in radius and complete shutoff



Specifications

- Flow rate: 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)

Apex at 30 psi (2 Bar)

Nozzle Series	Maximum Height of Spray				
	27°	23°	12°	5°	0°
15' (6m)	4' 8" (1,4m)				
12' (3,7m)		3' 7" (1,1m)			
10' (3m)			2' 4" (0,7m)		
8' (2,4m)				2' 2" (0,66m)	
5' (1,5m)					1' 6" (0,46m)



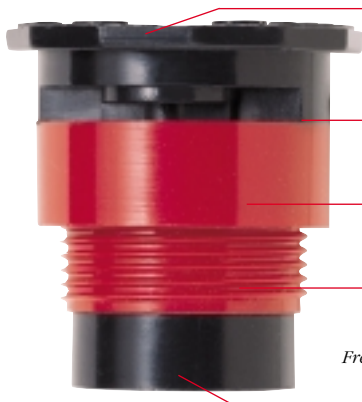
Radius adjustment screw provides 25% radius reduction and complete shutoff

Molded-in opening to ensure true matched precipitation rates

Color-coded band to indicate radius

Threaded to fit any Toro 570 pop-up body, riser, extender or adapter

Free pressure-compensating device maintains constant performance



Nozzle Screens

White	Red	Red and Metal
15' (4,6m) Series	8' (2,4m) Series	5' (1,5m) Series
12' (3,7m) Series	4' x 30' SST (1,2 x 9,1m)	2' x 6' (0,6 x 1,8m) SST
10' (3m) Series	4' x 18' SST (1,2 x 5,5m)	10° Stream Spray Series
4' x 30' (1,2 x 9,1m) CST Stream Bubblers		35° Stream Spray Series Flood Bubbler Series
Flat-Spray (Non-MPR)		Flat-Spray, Low Gallonage (Non-MPR)
4' x 30' (1,2 x 9,1m) EST		
9' x 18' (2,7 x 5,5m) SST		

Note: Screens provided with nozzle. Refer to current Parts Breakout Book, (Form No. 368-0044) for more information.

Specifying Information

Radius	Arc	Optional
5–5' (1,5m)	Q—90°	PC—Pressure Compensation
8–8' (2,4m)	T—120°	EST—End Strip
10–10' (3,0m)	H—180°	CST—Center Strip
12–12' (3,7m)	TT—240°	SST—Side Strip
15–15' (4,6m)	TQ—270°	

Example: A 570 MPR Plus Nozzle with a spray of 10' (3m), 180° arc and pressure compensation, would be specified as: **10-H-PC**

Note: To specify an MPR Plus nozzle with a 570Z sprinkler body, attach the body specification (pgs. 2–4) before the above nozzle specification.

Recycled Water Indicators

89-5818

- Lavender snap-on cover for use on 570Z Series shrub adapters



89-9752

- Lavender snap-on cover for use on 570Z Series pop-up models



102-0563

- Lavender molded cover for use on 570Z Series pop-up models



570S-E

- Lavender molded 570Z Series shrub adapter for recycled applications
- Installs onto a 1/2" (13mm) NPT riser



Extender

570-6X

- 570Z Extender
- Male-inlet threads install onto any 570Z pop-up sprinkler or shrub adapter to provide a 6" (150mm) extension
- Maximum pressure: 75 psi (5,2 Bar)



Risers

570SR-6

- 570Z Stationary Riser
- 1/2" (13mm) male-threaded inlet
- Maximum pressure: 75 psi (5,2 Bar)
- Height: 6" (150mm)



570SR-18

- 570Z Stationary Riser
- 1/2" (13mm) male-threaded inlet
- Maximum pressure: 75 psi (5,2 Bar)
- Height: 18" (450mm)



Note: Specifications subject to change without notice.

For more information, contact your local Toro distributor.



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