

**TORO****Count on it.**

# 570 Series



Trusted for over 25 years, Toro® 570 Series sprinklers provide everything needed for residential and commercial contractors to satisfy all installation and retrofit requirements. In combination with Toro sprinklers and rotating nozzles, 570 Series sprinkler heads can be configured in hundreds of combinations and present an unparalleled range of flexibility. Available in 50 mm, 75 mm, 100 mm, 150 mm and 300 mm models with both bottom and side inlet thread options, Toro 570 Series sprinkler heads are further available with patented in-stem X-Flow Technology and Pressure Regulating water-saving features.



## Features & Benefits

### Zero Flush Wiper Seal

Prevents flushing on pop-up, allows more sprinklers on the same line and provides higher debris resistance.

### One-Piece Check Valve

Easily installed at the factory or in the field. Maintains up to 3 m elevation change.

### Enhanced Retraction Spring and Wiper Seal

Robust retraction spring and enhanced seal material ensures positive pop-up and retraction.

### Ratcheting Riser

For easy and reliable arc adjustment on pop-up models.

### Small 50 mm Diameter Cap

Less visible, reducing damage from exposure or vandals.

### Additional feature for 570 XF:

### Patented X-Flow® Water Shut-off Device

Built into the riser and restricts water loss by 99% if the nozzle is removed or damaged, eliminating potential erosion or safety concerns. Allows for “dry” nozzle and filter-replacement or maintenance, while the system is running.

### Additional feature for 570 PRX:

### Patented In-riser Pressure Regulator

Maintains constant 210 kPa outlet pressure, which minimizes misting and fogging caused by pressure above 210 kPa.



## TVAN Variable Arc Nozzles

Quick, easy and infinitely adjustable! Toro Variable Arc Nozzles (TVAN) are designed to deliver excellent irrigation efficiency with maximum product versatility.

### Features & Benefits

- **Unique grip and turn adjustment**  
Requires no tool and makes arc setting fast and simple. Adjust from the top of the nozzle - wet or dry.
- **Infinitely adjustable from 0°-360°**  
The TVAN provides a variety of arc settings to precisely match any terrain and reduces inventory by meeting the needs of any size or shape landscape.



### Specifications

- Radius: 2.2 – 5.5 m
- Operating pressure range: 150 – 350 kPa
- Recommended pressure: 200 kPa
- Arc Options: 0°-360° (infinitely adjustable)

### Performance Chart

Pattern	Model	150 kPa		200 kPa		250 kPa		300 kPa		350 kPa	
		Flow (LPM)	Radius	Flow (LPM)	Radius	Flow (LPM)	Radius	Flow (LPM)	Radius	Flow (LPM)	Radius
90°	TVAN8	1.3	2.2	1.4	2.4	1.6	2.6	1.8	2.7	1.9	2.7
	TVAN10	1.8	2.8	1.9	3.0	2.3	3.0	2.6	3.0	2.8	3.0
	TVAN12	3.0	3.4	3.1	3.6	3.8	3.8	4.5	4.1	4.8	4.3
	TVAN15	3.9	4.6	4.2	4.6	4.9	4.8	5.6	4.9	6.1	4.9
	TVAN17	4.6	4.9	5.1	5.2	5.8	5.4	6.5	5.5	7.0	5.5
180°	TVAN8	2.1	2.2	2.4	2.4	2.6	2.4	2.8	2.5	2.9	2.8
	TVAN10	3.2	2.5	3.6	2.7	3.9	2.9	4.3	3.0	4.7	3.0
	TVAN12	5.2	3.4	5.7	3.6	6.4	4.0	7.1	4.3	7.7	4.3
	TVAN15	6.5	4.1	7.1	4.5	8.0	4.6	8.8	4.6	9.4	4.6
270°	TVAN8	3.2	2.2	3.5	2.4	3.8	2.4	4.2	2.5	4.6	2.8
	TVAN10	4.5	2.5	4.9	2.7	5.6	2.9	6.2	3.0	6.7	3.0
	TVAN12	7.4	3.2	8.1	3.9	9.4	4.2	10.4	4.3	10.9	4.3
	TVAN15	8.6	3.8	9.9	4.5	10.9	4.6	11.9	4.7	12.9	4.9
360°	TVAN8	4.2	2.2	4.8	2.4	5.5	2.6	6.1	2.7	6.7	2.7
	TVAN10	6.2	2.5	6.9	2.7	7.9	2.9	8.8	3.0	9.5	3.0
	TVAN12	8.6	3.0	10.0	3.8	11.1	3.6	12.1	3.5	12.9	3.7
	TVAN15	9.9	3.8	11.8	4.5	12.9	4.6	14.0	4.7	15.0	4.9
TVAN17	11.0	5.2	12.8	5.5	14.2	5.5	15.6	5.5	17.0	5.5	

## Pressure Compensating Fixed Arc Nozzles

The fixed arc nozzles make design and installation easier. Just pick your spacing and choose your arc – the nozzle does everything else.

### Features & Benefits

- **Low Flow Rates**  
Allows for more sprinklers to be placed on the same zone.
- **Pre-installed Pressure Compensation Device (PCD)**  
Eliminates fogging, conserves water and provides precise flow rates.



### Specifications

- Radius: 1.5 – 4.6 m
- Operating pressure range: 207 – 518 kPa
- Arc Options: Arcs for all radius options– Full, 3/4, 2/3, 1/2, 1/3 and 1/4.



### Performance Chart

Pattern	kPa	Model	5 Series with 0° Trajectory		8 Series with 5° Trajectory		10 Series with 12° Trajectory			
			Flow (LPM)	Radius (m)	Model	Flow (LPM)	Radius (m)	Model	Flow (LPM)	Radius (m)
1/4	207-276	89-1488	0.34	1.5	89-1470	0.83	2.4	89-1452	1.25	3.0
	276-518		0.38	1.5		0.95	2.4		1.40	3.0
1/3	207-276	89-1485	0.45	1.5	89-1467	1.10	2.4	89-1449	1.67	3.0
	276-518		0.49	1.5		1.13	2.4		1.89	3.0
1/2	207-276	89-1482	0.68	1.5	89-1464	1.67	2.4	89-1446	2.50	3.0
	276-518		0.76	1.5		1.89	2.4		2.84	3.0
2/3	207-276	89-1479	0.87	1.5	89-1461	2.23	2.4	89-1443	3.40	3.0
	276-518		1.02	1.5		2.65	2.4		3.79	3.0
3/4	207-276	89-1476	0.98	1.5	89-1458	2.42	2.4	89-1440	3.75	3.0
	276-518		1.10	1.5		2.65	2.4		4.13	3.0
Full	207-276	89-1473	1.33	1.5	89-1455	3.22	2.4	89-1437	5.04	3.0
	276-518		1.48	1.5		3.79	2.4		5.72	3.0

### Performance Chart

Pattern	kPa	Model	12 Series with 23° Trajectory		15 Series with 27° Trajectory		Special Pattern			
			Flow (LPM)	Radius (m)	Model	Flow (LPM)	Radius (m)	Model	Flow (LPM)	Special Pattern
1/4	207-276	89-1434	1.82	3.7	89-1416	2.84	4.6	89-1500	1.63	1.2 x 4.4
	276-518		2.01	3.7		3.07	4.6		1.89	1.2 x 4.4
1/3	207-276	89-1431	2.42	3.7	89-1413	3.79	4.6	89-1497	3.26	1.2 x 9.1
	276-518		2.65	3.7		4.16	4.6		3.79	1.2 x 9.1
1/2	207-276	89-1428	3.63	3.7	89-1410	5.68	4.6	89-1506	4.16	2.7 x 5.5
	276-518		4.00	3.7		6.25	4.6		4.54	2.7 x 5.5
2/3	207-276	89-1425	4.85	3.7	89-1407	7.57	4.6	89-1509	3.33	1.2 x 9.1
	276-518		5.30	3.7		8.33	4.6		3.79	1.2 x 9.1
3/4	207-276	89-1422	5.45	3.7	89-1404	8.71	4.6	89-1503	0.34	0.6 x 1.8
	276-518		6.06	3.7		9.47	4.6		0.38	0.6 x 1.8
Full	207-276	89-1419	7.27	3.7	89-1401	11.36	4.6	89-1512	1.89	1.2 x 5.5
	276-518		7.95	3.7		12.49	4.6		2.23	1.2 x 5.5

## Bubbler Nozzles

Bubbler nozzles are ideal for trees and large shrubs, built with adjustment screw to allow up to 25% reduction in radius.

### Features & Benefits

- Compatible with shrub adaptor, 570 sprinklers, risers and riser extenders.
- Retracts into pop-up for vandal resistance.

### Specifications

- Operating pressure range: 250 – 400 kPa
- Flow rate: 0.9 – 7.6 Lpm
- Fixed Flow: 0.9, 1.9 and 3.8 Lpm



### Performance Chart

		250 kPa	300 kPa	350 kPa	400 kPa
Pattern	Model	Flow (LPM)	Flow (LPM)	Flow (LPM)	Flow (LPM)
	89-1727	0.95	0.95	0.95	0.95
	89-1731	1.63	1.77	1.89	1.89
	89-1731	3.53	3.66	3.79	3.79
	89-1733	7.05	7.32	7.57	7.57

## Stream Bubbler Nozzles

Stream bubbler nozzles offer multiple stream pattern selections. It is suitable for use on shrub adaptor and pop-up sprinklers, risers and riser extenders.

### Features & Benefits

- Compatible with shrub adaptor, 570 sprinklers, risers and riser extenders.
- Radius adjusts up to 50%.

### Specifications

- Operating pressure range: 250 – 400 kPa
- Flow rate: 0.8 – 2.91 Lpm



### Performance Chart

		250 kPa		300 kPa		350 kPa		400 kPa	
Pattern	Model	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)
2/60°	89-7865	0.82	0.5	0.85	0.5	0.87	0.5	0.90	0.5
4/60°	897875	1.81	0.8	1.87	0.8	1.90	0.8	1.92	0.8
6/60°	89-7877	2.82	0.5	2.85	0.5	2.88	0.5	2.91	0.5
2/180°	89-7871	0.82	0.5	0.85	0.5	0.87	0.5	0.90	0.5
2/60 x 2/60°	89-7873	1.81	0.8	1.87	0.8	1.90	0.8	1.92	0.8

## Stream Spray Nozzles

Stream spray nozzles feature low-application rates and are water-saving devices. They are perfect for irrigating small ground cover areas, narrow beds, shrubs and compacted slower absorbing soils to prevent run off. Ideal for precise root-zone watering, they offer the added benefit of decreased liability and vandalism.

### Features & Benefits

- Compatible with shrub adaptor, 570 sprinklers, risers and riser extenders.
- Ideal for precise root-zone watering.

### Specifications

- Operating pressure range: 280 – 480 kPa
- Flow rate: 2.6 – 7.6 Lpm



### Performance Chart

		10° Stream Spray				35° Stream Spray		
Pattern	kPa	Model	Flow (LPM)	Radius (m)	Model	Flow (LPM)	Radius (m)	
90°	280-350	89-1547	2.65	4.0	89-1495	2.65	5.2	
	410-480		2.65	4.6		2.65	5.5	
180°	280-350	89-1521	5.30	4.0	89-1493	5.30	5.2	
	410-480		5.30	4.6		5.30	5.5	
360°	280-350	89-1519	6.81	4.0	89-1491	6.81	5.2	
	410-480		7.57	4.6		7.57	5.5	