

MPR Plus Spray Nozzles

- Radius: 5'-15' (1,5-4,6m)
- Operating Pressure Range: 20-75 psi (1,4-5,2 Bar)
- Matched Precipitation

MPR Nozzles make design and installation easier than ever. Just pick your spacing and choose your arc - the nozzle does everything else.



- Side & Corner Specialty Patterns
- Arc Options: 90°, 120°, 180°, 240°, 270°, 360°
- Fit Toro® Spray Bodies

Features & Benefits

Matched Precipitation Rates

Ensure all nozzles (every arc within a family) apply water at approximately the same rate.

Low Flow Rates

Allow for more sprinklers to be placed on the same zone.

Pre-installed Pressure Compensation Device (PCD)

Eliminate fogging, conserve water and provide precise flow rates (also available without PC Devices).

Complete Selection Of Arcs

Arcs for all radius options – full, 3/4, 2/3, 1/2, 1/3 and 1/4.

Specifications

Operating Specifications

- Operating pressure range: 20-75 psi (1,4-5,2 Bar)
- Recommended pressure: 30 psi (2,1 Bar)
- Flow Rate: 0.05 – 4.58 GPM (0,2-17,3 LPM)
- Nozzle trajectory:
 - 5': 5° - 8': 10° - 10': 17° - 12': 24° - 15': 28°
 - Corner and Side Strips: 17°
 - 8' Flat Spray: 0°

Additional Features

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

Warranty

- Two years

Specifying Information—MPR Plus

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

Example: A 570 MPR Plus Nozzle with a spray of 10' (3,0m), 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 before the above nozzle specification.

Note: Do not use PCDs with 570Z PR & 570Z PRX models

MPR Plus Spray Nozzle Series Model List			
Model	Description	Model	Description
5' (1,5m) MPR Plus Nozzle Red		8' (2,4m) MPR Plus Nozzle Green	
5Q	90° Arc	8Q	90° Arc
5T	120° Arc	8T	120° Arc
5H	180° Arc	8H	180° Arc
5TT	240° Arc	8TT	240° Arc
5TQ	270° Arc	8TQ	270° Arc
5F	360° Arc	8F	360° Arc
8' (2,4m) Flat Spray Black		10' (3,0m) MPR Plus Nozzle Blue	
FSQ	90° Arc	10Q	90° Arc
FSH	180° Arc	10T	120° Arc
FSF	360° Arc	10H	180° Arc
FSQ-LG	90° Arc, Low GPM	10TT	240° Arc
FSH-LG	180° Arc, Low GPM	10TQ	270° Arc
FSF-LG	360° Arc, Low GPM	10F	360° Arc
12' (3,7m) MPR Plus Nozzle Brown		Special Patterns Orange	
12Q	90° Arc	4SST	Side Strip 4'x30' (1,2-9,1m)
12T	120° Arc	4EST	End Strip 4'x15' (1,2-4,3m)
12H	180° Arc	4CST	Center Strip 4'x30' (1,2-6,1m)
12TT	240° Arc	9SST	Side Strip 9'x18' (2,7-5,2m)
12TQ	270° Arc	4SSST	Side Strip 4'x18' (1,2-5,2m)
12F	360° Arc	2SST	Side Strip 2' x 6' (0,6-1,8m)
15' (4,6m) MPR Plus Nozzle Black			
15Q	90° Arc		
15T	120° Arc		
15H	180° Arc		
15TT	240° Arc		
15TQ	270° Arc		
15F	360° Arc		

(Note: All above also available in Pressure Compensating (PC) Models)

