

# MPR Plus Spray Nozzles

- Radius: 1.5-4.6 m (5'-15')
- Operating Pressure Range: 140-520 kPa (20-75 psi)
- Matched Precipitation
- Side & Corner Specialty Patterns
- Arc Options: 90°, 120°, 180°, 240°, 270°, 360°
- Fit Toro® Spray Bodies

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



## MPR Plus Spray Nozzle Series Model List

1,5m (5') Nozzle - Red		2,4m (8') Nozzle - Green		3,0m (10') Nozzle - Blue	
Model	Description	Model	Description	Model	Description
5Q-PC	90° Arc	8Q-PC	90° Arc	10Q-PC	90° Arc
5T-PC	120° Arc	8T-PC	120° Arc	10T-PC	120° Arc
5H-PC	180° Arc	8H-PC	180° Arc	10H-PC	180° Arc
5TT-PC	240° Arc	8TT-PC	240° Arc	10TT-PC	240° Arc
5TQ-PC	270° Arc	8TQ-PC	270° Arc	10TQ-PC	270° Arc
5F-PC	360° Arc	8F-PC	360° Arc	10F-PC	360° Arc
3,7m (12') Nozzle - Brown		4,6m (15') Nozzle - Black		Special Patterns - Orange	
12Q-PC	90° Arc	15Q-PC	90° Arc	4SST-PC	Side strip 1.2 x 9.1 m (4'x30')
12T-PC	120° Arc	15T-PC	120° Arc	4EST-PC	End Strip 1.2 x 4.3 m (4'x15')
12H-PC	180° Arc	15H-PC	180° Arc	4CST-PC	Centre Strip 1.2 x 6.1 m (4'x30')
12TT-PC	240° Arc	15TT-PC	240° Arc	9SST-PC	Side Strip 2.7 x 5.2 m (9'x18')
12TQ-PC	270° Arc	15TQ-PC	270° Arc	4SSST-PC	Side Strip 1.2 x 5.2 m (4'x18')
12F-PC	360° Arc	15F-PC	360° Arc	2SST-PC	Side Strip 0.6 x 1.8 m (2'x6')

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

## 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: 140-520 kPa (20-75 psi)
- Recommended pressure: 210 kPa (30 psi)
- Flow Rate: 0.2-17.3 Lpm
- Nozzle trajectory:  
1.5 m (5'): 0°; 2.4 m (8'): 10°; 3.0 m (10'): 17°;  
3.7 m (12'): 24°; 4.6 m (15'): 28°;  
Corner and Side Strips: 17°

### Additional Features

- Standard and special spray patterns
- Customised screens for each nozzle
- Patterns for small areas: full set of arcs for 3.0 m, 2.4 m, and 1.5 m (10', 8' and 5') radius nozzles
- 1.2-5.2 m (4' x 18') side strip ideal for median strips
- 0.6-1.8 m (2' x 6') 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					
XX		XXX			PC
Radius		Arc			Optional
5— 1.5 m (5')	12— 3.7 m (12')	Q—90°	TT—240°	EST—End Strip	PC—Pressure Compensation
8— 2.4 m (8')	15— 4.6 m (15')	T—120°	Q—270°	CST—Center Strip	
10— 3.0 m (10')		H—180°	F—360°	SST—Side Strip	
Example: A 570 MPR Plus Nozzle with a spray of 3.0 m (10'), 180° arc and pressure compensation would be specified as: 10-H-PC					

Note: To specify a 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

