



# MPR PLUS SPRAY NOZZLES



## SPECIFICATIONS

### Operational

- Operating pressure range: 20-75 psi
- Recommended operating pressure: 30 psi
- Flow Rate: 0.05 – 4.58 gpm
- Nozzle trajectory:
  - 5': 5° - 8': 10° - 10': 17° - 12': 24° - 15': 28°
  - Corner and Side Strips: 17°
  - 8' Flat Spray: 0°

### Warranty

- Two years

Toro® MPR Plus nozzles make system design and installation easier than ever. Simply select the needed radius and arc—the nozzle does everything else.

## FEATURES & BENEFITS

### Matched Precipitation Rates

Ensures all nozzles with a common radii apply water at approximately the same rate.

### Pre-installed Pressure Compensation Disc

Eliminates excessive misting, conserves water and provides precise flow rates.

### Additional Features

- ✓ Customized screens for each nozzle
- ✓ Fine-mesh snap-in filter screens for lower flow nozzles
- ✓ Convenient nozzle packaging – nozzles and screens packed separately
- ✓ Adjustment screw allows up to 25% reduction in radius and complete shutoff

### MPR PLUS SPRAY NOZZLES MODEL LIST

Model	Description	Model	Description
<b>5' MPR PLUS NOZZLE—RED</b>		<b>8' MPR PLUS NOZZLE—GREEN</b>	
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
<b>8' FLAT SPRAY—BLACK</b>		<b>10' MPR PLUS NOZZLE—BLUE</b>	
FSQ	90° Arc	10Q	90° Arc
FSH	180° Arc	10T	120° Arc
FSF	360° Arc	10H	180° Arc
FSQ-LG	90° Arc, low flow	10TT	240° Arc
FSH-LG	180° Arc, low flow	10TQ	270° Arc
FSF-LG	360° Arc, low flow	10F	360° Arc
<b>12' MPR PLUS NOZZLE—BROWN</b>		<b>15' MPR PLUS NOZZLE—BLACK</b>	
12Q	90° Arc	15Q	90° Arc
12T	120° Arc	15T	120° Arc
12H	180° Arc	15H	180° Arc
12TT	240° Arc	15TT	240° Arc
12TQ	270° Arc	15TQ	270° Arc
12F	360° Arc	15F	360° Arc
<b>SPECIAL PATTERNS—ORANGE</b>			
4SST	Side Strip 4'x30'		
4EST	End Strip 4'x15'		
4CST	Center Strip 4'x30'		
9SST	Side Strip 9'x18'		
4SSST	Side Strip 4'x18'		
2SST	Side Strip 2' x 6'		

### Specifying Information—MPR Plus

XX-XXX-PC		
Radius	Arc	Optional
XXX	XXX	PC
5–5'	Q–90° T–120°	PC—Pressure Compensation
8–8'	H–180°	
10–10'	TT–240° Q–270°	
12–12'	F–360°	
15–15'	EST—End Strip	
	CST—Center Strip	
	SST—Side Strip	
<b>Example:</b> A 570 MPR Plus Nozzle with a spray of 10', 180° arc and pressure compensation, would be specified as: <b>10-H-PC</b>		

*Note:* To specify a MPR Plus nozzle with a 570Z sprinkler body, attach the body specification before the above nozzle specification. Do not use PCDs with 570Z PR & 570Z PRX models

