

# 8 FLT Plastic MPR Nozzles

## Matched Precipitation Rate Spray Nozzles

### Primary Application

8 FLT MPR nozzles are ideal for irrigating small areas that require a flat trajectory. Also, these nozzles produce larger water droplet sizes and are more wind resistant than the standard 8 Series MPR nozzles. 8 FLT MPR nozzles have higher flow than the standard [5, 8, 10, 12, & 15 Series MPR nozzles](#) and should not be mixed in a zone.

### Operating Range

- Spacing: 6-8 feet (2.44 m)
- Pressure: 15 to 30 psi (1 to 2,1 bar)
- Optimum pressure: 30 psi (2,1 bar)

### Features

- Matched precipitation rates within 8 FLT nozzles family – higher flow than standard 8 Series MPR nozzles. 8 FLT nozzles should not be mixed with standard 5, 8, 10, 12, & 15 Series MPR nozzles.
- Top Color-coded™ gray as specialty nozzles.
- 1800™ Series blue finemesh (.02" x .02") filter screens
- Stainless steel adjustment screw to adjust flow and radius. Radius reduction over 25% of the normal throw of the nozzle is not recommended.
- For use on all [1800™ series](#) and [UNI-Spray™](#) spray heads and the [PA-8S](#) and [PA-8S-PRS](#) shrub adapters.



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### Helpful Tools






[8 FLT MPR Nozzle Performance Charts](#)

# Performance Charts

## 8 FLT Series MPR Nozzles

5° Trajectory, English			
Nozzle	Pressure (psi)	Radius (ft.)	Flow (GPM)
8F-FLT 	15	6	1.16
	20	7	1.30
	25	7	1.44
	30	8	1.57
8H-FLT 	15	6	0.58
	20	7	0.65
	25	7	0.72
	30	8	0.79
8Q-FLT 	15	6	0.29
	20	7	0.33
	25	7	0.36
	30	8	0.39

5° Trajectory, Metric				
Nozzle	Pressure (Bars)	Radius (m)	Flow (m³/h)	Flow (l/s)
8F-FLT 	1,0	1,8	0,26	0,07
	1,4	2,1	0,30	0,08
	1,7	2,1	0,33	0,09
	2,1	2,4	0,36	0,10
8H-FLT 	1,0	1,8	0,13	0,04
	1,4	2,1	0,15	0,04
	1,7	2,1	0,16	0,05
	2,1	2,4	0,18	0,05
8Q-FLT 	1,0	1,8	0,07	0,02
	1,4	2,1	0,07	0,02
	1,7	2,1	0,08	0,02
	2,1	2,4	0,09	0,02

Note: All nozzles tested on 4" pop-ups. Performance data taken in zero wind conditions