

Water Management Highlight



Eliminate the Guesswork – The Nozzle Does it All

TR50 TMPR nozzles are a distinct nozzle series that take the guesswork out of watering performance. Matched Precipitation Rate (MPR) means every arc in a family of similar radius will apply water at the same rate regardless of the pattern. By delivering exacting radius and the precise amount of water required you are guaranteed consistent coverage within different landscape areas. MPR technology prevents run-off, erosion and over-watering further ensuring the nozzle performance you are expecting. It's better water management in every nozzle.

Performance Data – TMPR-35

	Pressure (psi)	Radius (ft)	Flow (gpm)	Precipitation (in/hr) ■	Precipitation (in/hr) ▲
1/4 Circle	25	33	1.30	0.46	0.53
	35	35	1.61	0.51	0.58
	45	35	1.85	0.58	0.67
	55	36	2.08	0.62	0.71
1/3 Circle	25	33	1.72	0.46	0.53
	35	35	2.14	0.50	0.58
	45	35	2.47	0.58	0.67
	55	36	2.75	0.61	0.71
Half Circle	25	33	2.60	0.46	0.53
	35	35	3.22	0.51	0.58
	45	35	3.71	0.58	0.67
	55	36	4.17	0.62	0.72
Full Circle	25	33	4.95	0.44	0.51
	35	35	5.97	0.47	0.54
	45	35	6.91	0.54	0.63
	55	36	7.70	0.57	0.66
	65	36	8.40	0.62	0.72

Specifications

Model Description

- TMPR25 25' radius MPR nozzle
- TMPR30 30' radius MPR nozzle
- TMPR35 35' radius MPR nozzle

Operating Specifications

- TMPR nozzles are used to control spacing and precipitation rate to exacting requirements
- Color-coded per radius: 25' – tan; 30' – gray; 35' – red
- Nozzles easily interchangeable
- Triangulation possible from 25' to 35' while maintaining precipitation rate

Performance Data – TMPR-25

	Pressure (psi)	Radius (ft)	Flow (gpm)	Precipitation (in/hr) ■	Precipitation (in/hr) ▲
1/4 Circle	25	24	0.76	0.51	0.59
	35	24	0.79	0.53	0.61
	45	25	0.94	0.58	0.67
	55	25	0.99	0.61	0.70
1/3 Circle	25	24	1.12	0.56	0.65
	35	24	1.28	0.64	0.74
	45	25	1.33	0.61	0.71
	55	25	1.48	0.68	0.79
Half Circle	25	24	1.33	0.44	0.51
	35	24	1.46	0.49	0.56
	45	25	1.69	0.52	0.60
	55	25	1.90	0.59	0.68
Full Circle	25	24	2.54	0.42	0.49
	35	24	3.05	0.51	0.59
	45	25	3.58	0.55	0.64
	55	25	4.00	0.62	0.71
	65	26	4.40	0.63	0.72

Performance Data – TMPR-30

	Pressure (psi)	Radius (ft)	Flow (gpm)	Precipitation (in/hr) ■	Precipitation (in/hr) ▲
1/4 Circle	25	29	0.94	0.43	0.50
	35	29	1.18	0.54	0.62
	45	30	1.30	0.56	0.64
	55	30	1.50	0.64	0.74
1/3 Circle	25	29	1.28	0.44	0.51
	35	29	1.55	0.53	0.61
	45	30	1.78	0.57	0.66
	55	30	1.98	0.64	0.73
Half Circle	25	29	2.14	0.64	0.74
	35	29	2.26	0.52	0.60
	45	30	2.62	0.56	0.65
	55	30	2.91	0.62	0.72
Full Circle	25	29	3.17	0.63	0.73
	35	29	3.84	0.44	0.51
	45	30	4.66	0.53	0.62
	55	30	5.31	0.57	0.66
	65	31	6.5143	0.65	0.75

Specifying Information—TMPR Nozzle

TMPR XX-XXXX		
Description	Radius	Arc
TMPR	XX	XX
TMPR—TR50 Matched Precipitation Nozzle	25—25' Radius 30—30' Radius 35—35' Radius	1/4—90° Arc 1/3—120° Arc 1/2—180° Arc Full—Full circle
Example: A TMPR nozzle for a 90° arc and 30' radius, would be specified as: TMPR30-1/4		