

Easily adjustable from 0° to 360°, the Toro Variable Arc Nozzles provide a variety of angle settings to precisely match any terrain. With the 570Z VAN, high-precision water application is easy to achieve.

Features

- Matched precipitation rates (MPR) within and between families
- Fits all Toro 570Z sprinkler bodies
- Infinitely adjustable arc from 0°–360°
- Five different nozzles for various radii
- Colour-coded for easy identification
 - 2.4m (8'), green
 - 3.0m (10'), blue
 - 3.7m (12'), brown
 - 4.6m (15'), black
 - 5.2m (17'), grey
- Exceptional uniform coverage
- Adjustment screw allows up to 25% radius reduction
- Flow increases or decreases proportionately with radius adjustment
- Unique grip-and-turn adjustment—wet or dry
- Fine-mesh, snap-in green filter screens prevent clogging

Specifications

- Recommended operating pressure: 140-350 kPa
- Maximum operating pressure: 520 kPa



2.4m (8')
Green



3.0m (10')
Blue



3.7m (12')
Brown



4.6m (15')
Black



5.2m (17')
Grey

TVAN Variable Arc Nozzles Specifying Information

TVAN		XX
Model	Radius	
TVAN – Toro Variable Arc Nozzle	8 – 2.4m (8') 10 – 3.0m (10') 12 – 3.7m (12') 15 – 4.6m (15') 17 – 5.2m (17')	
For Example: When specifying a Variable Arc Nozzle with a 3.0m (10') radius, you would specify:		
TVAN-10		

Performance Data – TVAN

Nozzle	Pressure kPa	8 Series Green				10 Series Blue				12 Series Brown				15 Series Black				17 Series Grey			
		Flow (LPM)	Radius (m)	Prec. Rate* △ mm/hr	Prec. Rate* □ mm/hr	Flow (LPM)	Radius (m)	Prec. Rate* △ mm/hr	Prec. Rate* □ mm/hr	Flow (LPM)	Radius (m)	Prec. Rate* △ mm/hr	Prec. Rate* □ mm/hr	Flow (LPM)	Radius (m)	Prec. Rate* △ mm/hr	Prec. Rate* □ mm/hr	Flow (LPM)	Radius (m)	Prec. Rate* △ mm/hr	Prec. Rate* □ mm/hr
90°	150	1.3	2.2	74.5	64.5	1.8	2.8	63.6	55.1	3.0	3.4	71.8	62.2	3.9	4.6	51.0	44.2	4.6	4.9	53.1	46.0
	200	1.4	2.4	67.3	58.3	1.9	3.0	58.5	50.7	3.1	3.6	66.3	57.4	4.2	4.6	55.0	47.6	5.1	5.2	52.3	45.3
	250	1.6	2.6	65.6	56.8	2.3	3.0	70.8	61.3	3.8	3.8	73.0	63.2	4.9	4.8	58.9	51.0	5.8	5.4	55.1	47.7
	300	1.8	2.7	68.4	59.2	2.6	3.0	80.0	69.3	4.5	4.1	74.1	64.2	5.6	4.9	64.7	56.0	6.5	5.5	59.6	51.6
	350	1.9	2.7	72.3	62.6	2.8	3.0	86.3	74.7	4.8	4.3	71.9	62.3	6.1	4.9	70.4	61.0	7.0	5.5	64.1	55.5
180°	150	2.1	2.2	60.2	52.1	3.2	2.5	70.9	61.4	5.2	3.4	62.4	54.0	6.5	4.1	53.6	46.4	7.4	4.4	53.0	45.9
	200	2.4	2.4	57.7	50.0	3.6	2.7	68.5	59.3	5.7	3.6	61.0	52.8	7.1	4.5	48.6	42.1	8.0	5.1	42.6	36.9
	250	2.6	2.4	62.6	54.2	3.9	2.9	64.2	55.6	6.4	4.0	55.4	48.0	8.0	4.6	52.4	45.4	9.4	5.2	48.2	41.7
	300	2.8	2.5	62.1	53.8	4.3	3.0	66.2	57.3	7.1	4.3	53.2	46.1	8.8	4.6	57.7	50.0	10.7	5.3	52.8	45.7
	350	2.9	2.8	51.3	44.4	4.7	3.0	72.4	62.7	7.7	4.3	57.7	50.0	9.4	4.6	61.5	53.3	11.6	5.5	53.1	46.0
270°	150	3.2	2.2	68.7	59.5	4.5	2.5	74.8	64.8	7.4	3.2	75.1	65.0	8.6	3.8	61.9	53.6	9.9	4.2	58.3	50.5
	200	3.5	2.4	63.2	54.7	4.9	2.7	69.9	60.5	8.1	3.9	55.3	47.9	9.9	4.5	50.8	44.0	10.8	5.1	43.2	37.4
	250	3.8	2.4	68.6	59.4	5.6	2.9	69.2	59.9	9.4	4.2	55.4	48.0	10.9	4.6	53.6	46.4	12.7	5.2	48.8	42.3
	300	4.2	2.5	69.9	60.5	6.2	3.0	71.6	62.0	10.4	4.3	58.4	50.6	11.9	4.7	56.0	48.5	14.2	5.3	52.5	45.5
	350	4.6	2.8	61.0	52.8	6.7	3.0	77.4	67.0	10.9	4.3	61.3	53.1	12.9	4.9	55.9	48.4	15.4	5.5	52.9	45.8
360°	150	4.2	2.2	60.2	52.1	6.2	2.5	68.7	59.5	8.6	3.0	66.2	57.3	9.9	3.8	47.5	41.1	11.0	5.2	28.2	24.4
	200	4.8	2.4	57.7	50.0	6.9	2.7	65.6	56.8	10.0	3.8	48.0	41.6	11.8	4.5	40.4	35.0	12.8	5.5	29.3	25.4
	250	5.5	2.6	56.4	48.8	7.9	2.9	65.1	56.4	11.1	3.6	59.4	51.4	12.9	4.6	42.3	36.6	14.2	5.5	32.6	28.2
	300	6.1	2.7	58.0	50.2	8.8	3.0	67.8	58.7	12.1	3.5	68.5	59.3	14.0	4.7	43.9	38.0	15.6	5.5	35.7	30.9
	350	6.7	2.7	63.6	50.1	9.5	3.0	73.1	63.3	12.9	3.7	65.2	56.5	15.0	4.9	43.3	37.5	17.0	5.5	38.9	33.7

See precipitation rate calculation in Technical Section. All performance specifications are based on the stated working pressure available at the base of the sprinkler.

- △ Precipitation rates are for triangular spacing, shown in millimetres per hour, calculated at 50% of diameter.
 - Precipitation rates are for square spacing, shown in millimetres per hour, calculated at 50% of diameter.
- All performance specifications are based on the stated working pressure available at the base of the sprinkler.