



Count on it.

570 Spray Nozzles

MPR Plus/Variable Arc Nozzles (TVANs)

SPRINKLERS

True matched precipitation rates and color coding by radius are just a few of the performance features of 570 MPR Plus spray nozzles. Fits any 570 pop-up body, shrub adapter, riser extender or shrub riser.



Apex at 2 Bar (30 PSI)					
Nozzle Series	Maximum Height of Spray				
	27'	23'	12'	5'	0'
4,6m (15')	1,4m (4'8")				
3,7m (12')		1,1m (3'7")			
3m (10')			0,7m (2'4")		
2,4m (8')				0,66m (2'2")	
1,5m (5')					0,46m (1'6")

Radius-adjustment screw provides 25% radius reduction and complete shutoff

Precision molded opening to ensure true matched precipitation rates

Color-coded band to indicate radius

Threaded to fit any Toro 570 pop-up body, riser or adapter

Free pressure-compensating device maintains constant performance

570 MPR Plus Nozzle

Features

- Matched precipitation rates ensure all nozzles (every radius and pattern) apply water at the same rate
- Low-flow rates allow for more sprinklers to be placed on the same zone
- Free PCDs eliminate fogging, conserve water and provide precise flow rates; available pre-installed or separate
- Color coding by radius for easy identification
- Complete selection of arcs for all radius options – full, $\frac{3}{4}$, $\frac{2}{3}$, $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$
- Uniform watering patterns eliminate over and under throw; refined design of part-circle patterns for better arc
- Precise radius/flow adjustment, will not lose adjustment
- 1.5m (5') nozzles adjust to 1m (3')
- Standard and special spray patterns
- Patterns for small areas
- Full set of arcs for 3, 2.4 and 1.5m (10', 8' and 5') radius nozzles
- 1.2 x 5.5m (4'x18') side strip ideal for parking lot medians
- 0.6 x 1.8m (2'x6') for small planter beds and other narrow areas
- 5 levels of trajectory
- Convenient nozzle packaging – nozzles and screens packed separately in attached bags
- Fine-mesh filter screens prevent clogging of lower volume nozzles
- Adjustment screw allows up to 25% reduction in radius and complete shutoff

Specifications

- Flow rate: 0.2–17 LPM (0.05–4.58 GPM)
- Operating pressure for optimum nozzle performance: 2 Bar (30 PSI)
- Recommended operating pressure range: 1.4-3.5 Bar (20-50 PSI)
- Maximum operating pressure: 5.2 Bar (75 PSI)

570 Series Nozzle Screens*		
White	Red	Red and Metal
4,6m (15') Series	2,4m (8') Series	1,5m (5') Series
3,7m (12') Series	1,2 x 9,1m (4'x30') SST	0,6 x 1,8m (2'x6') SST
3m (10') Series	1,2 x 5,5m (4'x18') SST	10' Stream Spray Series
1,2 x 9,1m (4'x30') CST Stream Bubblers		35' Stream Spray Series Flood Bubbler Series
Flat-Spray (Non-MPR)		Flat-Spray, Low Volume (Non-MPR)
1,2 x 9,1m (4'x30') EST		
2,7 x 5,5m (9'x18') SST		

*Indicates screen provided with nozzle. Refer to current Parts Breakout Book for more information.

Specifying Information

XX XXX XX

Radius	Arc	Optional
5–1,5m (5')	Q—90°	PC—Pressure Compensation
8–2,4m (8')	T—120°	
10–3,0m (10')	H—180°	
12–3,7m (12')	TT—240°	
15–4,6m (15')	TQ—270°	
	F—360°	
	EST—End Strip	
	CST—Center Strip	
	SST—Side Strip	







For Example:







When specifying a 570 MPR Plus Nozzle with a spray of 3m (10'), 180° arc and pressure compensation, you would specify:







10-H-PC







Note: To specify a 570 MPR Plus nozzle with a 570Z sprinkler body, attach the body specification before the above nozzle specification.


570 MPR Plus Spray Nozzles

5 Series with 0° Trajectory – Metric					red ●
Nozzle Radius	Bar	Pressure kPa	Kg/cm ²	Flow LPM	Radius m
5-Q 	1.5	150	1.53	0.22	1.3
	2.0	200	2.04	0.33	1.5
	2.5	250	2.55	0.41	1.6
	3.0	300	3.06	0.49	1.7
	3.5	350	3.57	0.58	1.8
5-Q-PC	2,07-2,76	207-276	2,11-2,82	0,34	1,5
	2,76-5,18	276-518	2,82-5,28	0,38	1,5
5-T 	1.5	150	1.53	0.30	1.3
	2.0	200	2.04	0.44	1.5
	2.5	250	2.55	0.55	1.6
	3.0	300	3.06	0.66	1.7
	3.5	350	3.57	0.77	1.8
5-T-PC	2,07-2,76	207-276	2,11-2,82	0,45	1,5
	2,76-5,18	276-518	2,82-5,28	0,49	1,5
5-H 	1.5	150	1.53	0.44	1.3
	2.0	200	2.04	0.69	1.5
	2.5	250	2.55	0.81	1.6
	3.0	300	3.06	0.92	1.7
	3.5	350	3.57	1.03	1.8
5-H-PC	2,07-2,76	207-276	2,11-2,82	0,68	1,5
	2,76-5,18	276-518	2,82-5,28	0,76	1,5
5-TT 	1.5	150	1.53	0.63	1.3
	2.0	200	2.04	0.91	1.5
	2.5	250	2.55	1.06	1.6
	3.0	300	3.06	1.20	1.7
	3.5	350	3.57	2.03	1.8
5-TT-PC	2,07-2,76	207-276	2,11-2,82	0,87	1,5
	2,76-5,18	276-518	2,82-5,28	1,02	1,5
5-TQ 	1.5	150	1.53	0.82	1.3
	2.0	200	2.04	1.06	1.5
	2.5	250	2.55	1.22	1.6
	3.0	300	3.06	1.37	1.7
	3.5	350	3.57	2.03	1.8
5-TQ-PC	2,07-2,76	207-276	2,11-2,82	0,98	1,5
	2,76-5,18	276-518	2,82-5,28	1,10	1,5
5-F 	1.5	150	1.53	1.03	1.3
	2.0	200	2.04	1.39	1.5
	2.5	250	2.55	1.60	1.6
	3.0	300	3.06	1.81	1.7
	3.5	350	3.57	2.03	1.8
5-F-PC	2,07-2,76	207-276	2,11-2,82	1,33	1,5
	2,76-5,18	276-518	2,82-5,28	1,48	1,5

8 Series with 5° Trajectory – Metric					green ●
Nozzle Radius	Bar	Pressure kPa	Kg/cm ²	Flow LPM	Radius m
8-Q 	1.5	150	1.53	0.69	2.2
	2.0	200	2.04	0.88	2.4
	2.5	250	2.55	0.96	2.5
	3.0	300	3.06	1.02	2.6
	3.5	350	3.57	1.11	2.8
8-Q-PC	2,07-2,76	207-276	2,11-2,82	0,83	2,4
	2,76-5,18	276-518	2,82-5,28	0,95	2,4
8-T 	1.5	150	1.53	0.92	2.2
	2.0	200	2.04	1.11	2.4
	2.5	250	2.55	1.28	2.5
	3.0	300	3.06	1.42	2.6
	3.5	350	3.57	1.53	2.8
8-T-PC	2,07-2,76	207-276	2,11-2,82	1,10	2,4
	2,76-5,18	276-518	2,82-5,28	1,33	2,4
8-H 	1.5	150	1.53	1.49	2.3
	2.0	200	2.04	1.84	2.4
	2.5	250	2.55	2.08	2.5
	3.0	300	3.06	2.29	2.6
	3.5	350	3.57	2.48	2.8
8-H-PC	2,07-2,76	207-276	2,11-2,82	1,67	2,4
	2,76-5,18	276-518	2,82-5,28	1,89	2,4
8-TT 	1.5	150	1.53	2.21	2.2
	2.0	200	2.04	2.60	2.4
	2.5	250	2.55	2.89	2.5
	3.0	300	3.06	3.13	2.6
	3.5	350	3.57	3.35	2.8
8-TT-PC	2,07-2,76	207-276	2,11-2,82	2,23	2,4
	2,76-5,18	276-518	2,82-5,28	2,65	2,4
8-TQ 	1.5	150	1.53	2.47	2.2
	2.0	200	2.04	2.83	2.4
	2.5	250	2.55	3.11	2.5
	3.0	300	3.06	3.35	2.6
	3.5	350	3.57	3.54	2.8
8-TQ-PC	2,07-2,76	207-276	2,11-2,82	2,42	2,4
	2,76-5,18	276-518	2,82-5,28	2,65	2,4
8-F 	1.5	150	1.53	2.97	2.2
	2.0	200	2.04	3.69	2.4
	2.5	250	2.55	4.16	2.5
	3.0	300	3.06	4.58	2.6
	3.5	350	3.57	4.96	2.8
8-F-PC	2,07-2,76	207-276	2,11-2,82	3,22	2,4
	2,76-5,18	276-518	2,82-5,28	3,79	2,4

10 Series with 12° Trajectory – Metric					blue ●
Nozzle Radius	Bar	Pressure kPa	Kg/cm ²	Flow LPM	Radius m
10-Q 	1.5	150	1.53	1.20	2.8
	2.0	200	2.04	1.48	3.0
	2.5	250	2.55	1.75	3.2
	3.0	300	3.06	2.03	3.5
	3.5	350	3.57	2.30	3.7
10-Q-PC	2,07-2,76	207-276	2,11-2,82	1,25	3,0
	2,76-5,18	276-518	2,82-5,28	1,40	3,0
10-T 	1.5	150	1.53	1.66	2.8
	2.0	200	2.04	1.93	3.0
	2.5	250	2.55	2.28	3.2
	3.0	300	3.06	2.59	3.5
	3.5	350	3.57	2.87	3.7
10-T-PC	2,07-2,76	207-276	2,11-2,82	1,67	3,0
	2,76-5,18	276-518	2,82-5,28	1,89	3,0
10-H 	1.5	150	1.53	2.34	2.8
	2.0	200	2.04	2.65	3.0
	2.5	250	2.55	3.02	3.2
	3.0	300	3.06	3.40	3.4
	3.5	350	3.57	3.79	3.5
10-H-PC	2,07-2,76	207-276	2,11-2,82	2,50	3,0
	2,76-5,18	276-518	2,82-5,28	2,84	3,0
10-TT 	1.5	150	1.53	2.86	2.8
	2.0	200	2.04	3.57	3.0
	2.5	250	2.55	3.98	3.1
	3.0	300	3.06	4.28	3.3
	3.5	350	3.57	4.53	3.4
10-TT-PC	2,07-2,76	207-276	2,11-2,82	3,40	3,0
	2,76-5,18	276-518	2,82-5,28	3,79	3,0
10-TQ 	1.5	150	1.53	3.25	2.8
	2.0	200	2.04	3.85	3.0
	2.5	250	2.55	4.32	3.1
	3.0	300	3.06	4.74	3.3
	3.5	350	3.57	5.15	3.4
10-TQ-PC	2,07-2,76	207-276	2,11-2,82	3,75	3,0
	2,76-5,18	276-518	2,82-5,28	4,13	3,0
10-F 	1.5	150	1.53	4.45	2.7
	2.0	200	2.04	5.50	3.0
	2.5	250	2.55	5.92	3.1
	3.0	300	3.06	6.41	3.3
	3.5	350	3.57	7.07	3.4
10-FQ-PC	2,07-2,76	207-276	2,11-2,82	5,04	3,0
	2,76-5,18	276-518	2,82-5,28	5,72	3,0

12 Series with 23° Trajectory – Metric					brown ●
Nozzle Radius	Bar	Pressure kPa	Kg/cm ²	Flow LPM	Radius m
12-Q 	1.5	150	1.53	1.58	3.4
	2.0	200	2.04	1.85	3.6
	2.5	250	2.55	2.13	3.8
	3.0	300	3.06	2.31	4.0
	3.5	350	3.57	2.39	4.0
12-Q-PC	2,07-2,76	207-276	2,11-2,82	1,82	3,7
	2,76-5,18	276-518	2,82-5,28	2,01	3,7
12-T 	1.5	150	1.53	2.26	3.4
	2.0	200	2.04	2.67	3.6
	2.5	250	2.55	3.08	3.8
	3.0	300	3.06	3.43	3.9
	3.5	350	3.57	3.70	4.0
12-T-PC	2,07-2,76	207-276	2,11-2,82	2,42	3,7
	2,76-5,18	276-518	2,82-5,28	2,65	3,7
12-H 	1.5	150	1.53	3.69	3.4
	2.0	200	2.04	4.07	3.6
	2.5	250	2.55	4.62	3.8
	3.0	300	3.06	5.25	4.1
	3.5	350	3.57	5.94	4.3
12-H-PC	2,07-2,76	207-276	2,11-2,82	3,63	3,7
	2,76-5,18	276-518	2,82-5,28	4,00	3,7
12-TT 	1.5	150	1.53	4.46	3.4
	2.0	200	2.04	5.36	3.6
	2.5	250	2.55	5.91	3.8
	3.0	300	3.06	6.40	3.9
	3.5	350	3.57	6.86	4.0
12-TT-PC	2,07-2,76	207-276	2,11-2,82	4,85	3,7
	2,76-5,18	276-518	2,82-5,28	5,30	3,7
12-TQ 	1.5	150	1.53	4.31	3.3
	2.0	200	2.04	5.68	3.6
	2.5	250	2.55	6.10	3.8
	3.0	300	3.06	6.44	3.9
	3.5	350	3.57	6.86	4.0
12-TQ-PC	2,07-2,76	207-276	2,11-2,82	5,45	3,7
	2,76-5,18	276-518	2,82-5,28	6,06	3,7
12-F 	1.5	150	1.53	6.67	3.4
	2.0	200	2.04	8.09	3.6
	2.5	250	2.55	8.67	3.8
	3.0	300	3.06	9.36	3.9
	3.5	350	3.57	10.32	4.0
12-F-PC	2,07-2,76	207-276	2,11-2,82	7,27	3,7
	2,76-5,18	276-518	2,82-5,28	7,95	3,7

15 Series with 27° Trajectory – Metric					black ●
Nozzle Radius	Bar	Pressure kPa	Kg/cm ²	Flow LPM	Radius m
15-Q 	1.5	150	1.53	2.69	4.3
	2.0	200	2.04	3.15	4.5
	2.5	250	2.55	3.67	4.8
	3.0	300	3.06	4.19	4.9
	3.5	350	3.57	4.71	4.9
15-Q-PC	2,07-2,76	207-276	2,11-2,82	2,84	4,6
	2,76-5,18	276-518	2,82-5,28	3,07	4,6
15-T					



5 Series



8 Series



10 Series



12 Series



15 Series



Special Patterns

All performance specifications are based on the stated working pressure available at the base of the sprinkler head.

5 Series with 0° Trajectory – English				red ●
Nozzle Radius	Pressure PSI	Flow GPM	Radius ft	
5-Q 1/4	20	0.05	4	
	30	0.09	5	
	40	0.12	6	
	50	0.15	6	
5-Q-PC	30-40	0.09	5	
	40-75	0.10	5	
5-T 1/3	20	0.07	4	
	30	0.12	5	
	40	0.16	6	
	50	0.20	6	
5-T-PC	30-40	0.12	5	
	40-75	0.13	5	
5-H 1/2	20	0.10	4	
	30	0.19	5	
	40	0.23	6	
	50	0.27	6	
5-H-PC	30-40	0.18	5	
	40-75	0.20	5	
5-TT 2/3	20	0.15	4	
	30	0.25	5	
	40	0.30	6	
	50	0.35	6	
5-TT-PC	30-40	0.23	5	
	40-75	0.27	5	
5-TQ 3/4	20	0.20	4	
	30	0.29	5	
	40	0.34	6	
	50	0.40	6	
5-TQ-PC	30-40	0.26	5	
	40-75	0.29	5	
5-F 	20	0.25	4	
	30	0.38	5	
	40	0.45	6	
	50	0.53	6	
5-F-PC	30-40	0.35	5	
	40-75	0.39	5	

8 Series with 5° Trajectory – English				green ●
Nozzle Radius	Pressure PSI	Flow GPM	Radius ft	
8-Q 1/4	20	0.17	7	
	30	0.24	8	
	40	0.26	9	
	50	0.29	9	
8-Q-PC	30-40	0.22	8	
	40-75	0.25	8	
8-T 1/3	20	0.23	7	
	30	0.30	8	
	40	0.36	9	
	50	0.40	9	
8-T-PC	30-40	0.29	8	
	40-75	0.35	8	
8-H 1/2	20	0.37	8	
	30	0.50	8	
	40	0.58	9	
	50	0.65	9	
8-H-PC	30-40	0.44	8	
	40-75	0.50	8	
8-TT 2/3	20	0.56	7	
	30	0.70	8	
	40	0.80	9	
	50	0.88	9	
8-TT-PC	30-40	0.59	8	
	40-75	0.70	8	
8-TQ 3/4	20	0.63	7	
	30	0.76	8	
	40	0.86	9	
	50	0.93	9	
8-TQ-PC	30-40	0.64	8	
	40-75	0.70	8	
8-F 	20	0.74	7	
	30	1.00	8	
	40	1.16	9	
	50	1.30	9	
8-F-PC	30-40	0.85	8	
	40-75	1.00	8	

10 Series with 12° Trajectory – English				blue ●
Nozzle Radius	Pressure PSI	Flow GPM	Radius ft	
10-Q 1/4	20	0.30	9	
	30	0.40	10	
	40	0.50	11	
	50	0.60	12	
10-Q-PC	30-40	0.33	10	
	40-75	0.37	10	
10-T 1/3	20	0.42	9	
	30	0.52	10	
	40	0.65	11	
	50	0.75	12	
10-T-PC	30-40	0.44	10	
	40-75	0.50	10	
10-H 1/2	20	0.60	9	
	30	0.71	10	
	40	0.85	11	
	50	0.99	12	
10-H-PC	30-40	0.66	10	
	40-75	0.75	10	
10-TT 2/3	20	0.71	9	
	30	0.97	10	
	40	1.10	11	
	50	1.19	11	
10-TT-PC	30-40	0.89	10	
	40-75	1.00	10	
10-TQ 3/4	20	0.82	9	
	30	1.04	10	
	40	1.20	11	
	50	1.35	11	
10-TQ-PC	30-40	0.99	10	
	40-75	1.09	10	
10-F 	20	1.11	9	
	30	1.49	10	
	40	1.61	11	
	50	1.85	11	
10-F-PC	30-40	1.33	10	
	40-75	1.51	10	

12 Series with 23° Trajectory – English				brown ●
Nozzle Radius	Pressure PSI	Flow GPM	Radius ft	
12-Q 1/4	20	0.40	11	
	30	0.50	12	
	40	0.60	13	
	50	0.63	13	
12-Q-PC	30-40	0.48	12	
	40-75	0.53	12	
12-T 1/3	20	0.57	11	
	30	0.72	12	
	40	0.87	13	
	50	0.97	13	
12-T-PC	30-40	0.64	12	
	40-75	0.70	12	
12-H 1/2	20	0.95	11	
	30	1.09	12	
	40	1.30	13	
	50	1.55	14	
12-H-PC	30-40	0.96	12	
	40-75	1.05	12	
12-TT 2/3	20	1.12	11	
	30	1.45	12	
	40	1.63	13	
	50	1.80	13	
12-TT-PC	30-40	1.28	12	
	40-75	1.40	12	
12-TQ 3/4	20	1.05	11	
	30	1.55	12	
	40	1.65	13	
	50	1.80	13	
12-TQ-PC	30-40	1.44	12	
	40-75	1.60	12	
12-F 	20	1.67	11	
	30	2.19	12	
	40	2.35	13	
	50	2.70	13	
12-F-PC	30-40	1.92	12	
	40-75	2.10	12	

12 Series with 23° Trajectory – English				black ●
Nozzle Radius	Pressure PSI	Flow GPM	Radius ft	
15-Q 1/4	20	0.68	14	
	30	0.85	15	
	40	1.04	16	
	50	1.23	16	
15-Q-PC	30-40	0.75	15	
	40-75	0.81	15	
15-T 1/3	20	0.95	14	
	30	1.10	15	
	40	1.30	16	
	50	1.45	16	
15-T-PC	30-40	1.00	15	
	40-75	1.10	15	
15-H 1/2	20	1.37	13	
	30	1.65	15	
	40	2.02	16	
	50	2.14	16	
15-H-PC	30-40	1.50	15	
	40-75	1.65	15	
15-TT 2/3	20	1.78	14	
	30	2.20	15	
	40	2.66	16	
	50	2.84	16	
15-TT-PC	30-40	2.00	15	
	40-75	2.20	15	
15-TQ 3/4	20	2.10	13	
	30	2.60	15	
	40	3.00	16	
	50	3.40	16	
15-TQ-PC	30-40	2.30	15	
	40-75	2.50	15	
15-F 	20	2.85	13	
	30	3.60	15	
	40	4.20	16	
	50	4.58	16	
15-F-PC	30-40	3.00	15	
	40-75	3.30	15	

Special Patterns – English				orange ●
Nozzle Radius	Pressure PSI	Flow GPM	Special Patterns Width x Length	
4-EST 	20	0.38	3 x 12	
	30	0.45	4 x 15	
	40	0.53	5 x 18	
	50	0.60	6 x 20	
4-EST-PC	30-40	0.43	4 x 15	
	40-75	0.50	4 x 15	
4-CST 	20	0.75	3 x 24	
	30	0.90	4 x 30	
	40	1.04	4 x 30	
	50	1.16	4 x 31	
4-CST-PC	30-40	0.86	4 x 30	
	40-75	1.00	4 x 30	
9-SST 	20	1.00	9 x 18	
	30	1.20	9 x 18	
	40	1.38	9 x 20	
	50	1.55	10 x 22	
9-SST-PC	30-40	1.10	9 x 18	
	40-75	1.20	9 x 18	
4-SST 	20	0.65	4 x 24	
	30	0.90	4 x 30	
	40	1.04	4 x 32	
	50	1.16	5 x 33	
4-SST-PC	30-40	0.88	4 x 30	
	40-75	1.00	4 x 30	
2-SST 	20	0.08	2 x 5	
	30	0.09	2 x 6	
	40	0.10	2 x 7	
	50	0.12	3 x 7	
2-SST-PC	30-40	0.09	2 x 6	
	40-75	0.10	2 x 6	
4S-SST 	20	0.46	4 x 17	
	30	0.55	4 x 18	
	40	0.63	4 x 19	
	50	0.71	5 x 19	
4S-SST-PC	30-40	0.50	4 x 18	
	40-75	0.59	4 x 18	

570 Variable Arc Nozzles (TVANs)

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 TVAN, high-precision water application is easy to achieve.



570 Variable Arc Nozzles (TVANs)



Convenient arc adjustment at top of nozzle. Easy to use, wet or dry.

Features

- Matched precipitation rates (MPR) within families
- Fits all Toro 570Z sprinkler bodies
- Infinitely adjustable arc from 0°–360°
- Five different nozzles for various radii
 - 2.4m (8'), green
 - 3.0m (10'), blue
 - 3.7m (12'), brown
 - 4.6m (15'), black
 - 5.2m (17'), gray
- 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: 1.4–3.5 Bar (20–50 PSI)
- Maximum operating pressure: 5.2 Bar (75 PSI)

8 Series – Metric green ●			
Nozzle Pattern	Pressure Bar	Flow LPM	Radius meter
90°	1.5	2.9	2.7
	2.0	3.7	3.0
	2.5	4.3	3.1
	3.0	4.8	3.4
180°	1.5	5.1	2.5
	2.0	5.9	2.7
	2.5	6.5	2.8
	3.0	7.1	3.0
270°	1.5	7.1	2.4
	2.0	8.2	2.4
	2.5	9.2	2.5
	3.0	9.7	3.0
360°	1.5	10.2	2.5
	2.0	11.9	2.7
	2.5	13.1	3.0
	3.0	14.2	3.0
3.5	15.7	3.0	

10 Series – Metric blue ●			
Nozzle Pattern	Pressure Bar	Flow LPM	Radius meter
90°	1.5	3.9	3.1
	2.0	4.5	3.3
	2.5	5.0	3.4
	3.0	5.3	3.6
180°	1.5	6.2	3.1
	2.0	7.0	3.3
	2.5	8.0	3.4
	3.0	8.6	3.7
270°	1.5	8.6	2.9
	2.0	10.0	3.3
	2.5	11.2	3.4
	3.0	11.7	3.6
360°	1.5	12.5	3.1
	2.0	14.5	3.3
	2.5	15.9	3.4
	3.0	17.6	3.6
3.5	18.2	4.0	

12 Series – Metric brown ●			
Nozzle Pattern	Pressure Bar	Flow LPM	Radius meter
90°	1.5	3.5	4.1
	2.0	3.7	4.3
	2.5	4.1	4.3
	3.0	4.3	4.5
180°	1.5	5.6	3.8
	2.0	6.2	4.0
	2.5	6.8	4.0
	3.0	7.3	4.0
270°	1.5	7.8	3.5
	2.0	8.7	3.7
	2.5	9.4	4.0
	3.0	10.3	4.0
360°	1.5	11.1	4.3
	2.0	12.1	3.7
	2.5	13.2	4.0
	3.0	14.4	4.1
3.5	14.7	4.0	

15 Series – Metric black ●			
Nozzle Pattern	Pressure Bar	Flow LPM	Radius meter
90°	1.5	4.3	4.1
	2.0	5.0	4.5
	2.5	5.4	4.6
	3.0	6.1	4.9
180°	1.5	7.1	4.1
	2.0	8.3	4.3
	2.5	9.0	4.6
	3.0	9.8	4.6
270°	1.5	9.7	3.8
	2.0	11.3	4.0
	2.5	12.4	4.3
	3.0	13.6	4.5
360°	1.5	14.8	4.6
	2.0	14.2	4.0
	2.5	15.9	4.3
	3.0	17.1	4.3
3.5	18.8	4.3	

17 Series – Metric grey ●			
Nozzle Pattern	Pressure Bar	Flow LPM	Radius meter
90°	1.5	6.3	4.9
	2.0	7.4	5.2
	2.5	8.0	5.4
	3.0	8.7	5.5
180°	1.5	9.8	4.9
	2.0	11.2	5.2
	2.5	11.9	5.2
	3.0	12.9	5.2
270°	1.5	13.7	5.2
	2.0	13.5	4.9
	2.5	15.0	5.2
	3.0	16.6	5.2
360°	1.5	17.9	5.0
	2.0	14.0	4.8
	2.5	16.0	5.1
	3.0	17.8	5.1
3.5	19.7	5.0	
3.5	21.4	5.0	

8 Series – U.S. green ●			
Nozzle Pattern	Pressure PSI	Flow GPM	Radius feet
90°	20	0.70	9
	25	0.90	9
	30	1.00	10
	35	1.10	10
	40	1.20	11
180°	20	1.30	8
	25	1.40	9
	30	1.60	9
	35	1.70	9
	40	1.80	10
270°	20	2.00	8
	25	2.00	8
	30	2.20	8
	35	2.40	8
	40	2.50	9
360°	20	2.60	10
	25	2.90	9
	30	3.20	9
	35	3.40	10
	40	3.60	10
45	3.80	10	
50	4.10	10	

10 Series – U.S. blue ●			
Nozzle Pattern	Pressure PSI	Flow GPM	Radius feet
90°	20	1.00	10
	25	1.10	10
	30	1.20	11
	35	1.30	11
	40	1.40	11
180°	20	1.60	10
	25	1.70	10
	30	1.90	11
	35	2.10	11
	40	2.20	12
270°	20	2.30	12
	25	2.40	13
	30	2.70	11
	35	2.90	11
	40	3.10	11
360°	20	3.10	12
	25	3.30	12
	30	3.20	10
	35	3.50	10
	40	3.90	11
45	4.10	11	
40	4.50	11	
45	4.70	12	
50	4.80	13	

12 Series – U.S. brown ●			
Nozzle Pattern	Pressure PSI	Flow GPM	Radius feet
90°	20	0.90	13
	25	1.00	14
	30	1.00	14
	35	1.10	14
	40	1.10	14
180°	20	1.20	15
	25	1.20	15
	30	1.20	15
	35	1.20	15
	40	1.20	15
270°	20	1.50	12
	25	1.60	13
	30	1.70	13
	35	1.80	13
	40	1.90	13
360°	20	2.10	14
	25	2.00	11
	30	2.30	12
	35	2.50	13
	40	2.60	13
45	2.80	13	
50	2.90	14	

15 Series – U.S. black ●			
Nozzle Pattern	Pressure PSI	Flow GPM	Radius feet
90°	20	1.10	13
	25	1.20	14
	30	1.30	15
	35	1.40	15
	40	1.50	16
180°	20	1.70	16
	25	1.70	16
	30	1.80	13
	35	2.00	14
	40	2.20	14
270°	20	2.30	15
	25	2.30	15
	30	2.60	15
	35	2.80	15
	40	2.90	15
360°	20	2.50	12
	25	2.80	13
	30	3.00	13
	35	3.20	14
	40	3.50	14
45	3.60	15	
50	3.90	15	

17 Series – U.S. grey ●			
Nozzle Pattern	Pressure PSI	Flow GPM	Radius feet
90°	20	1.6	16
	25	1.8	17
	30	2.0	17
	35	2.1	18
	40	2.2	18
180°	20	2.4	18
	25	2.5	16
	30	2.8	17
	35	3.0	17
	40	3.1	17
270°	20	3.3	17
	25	3.5	17
	30	3.6	17
	35	3.9	17
	40	4.2	17
360°	20	4.5	17
	25	4.7	16
	30	4.7	16
	35	4.6	17
	40	5.0	16
45	5.3	17	
50	5.6	16	

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



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