

TORO**Count on it.**

V-1550 Series

S P R I N K L E R S

RESIDENTIAL • COMMERCIAL

The V-1550 Series with MultiMatrix® nozzle provides the flexibility to do more with less. With a twist of a screwdriver, adjust gallons per minute, arc and radius—all from the top of the sprinkler. V-1550 Series is a great choice for residential and light commercial applications.

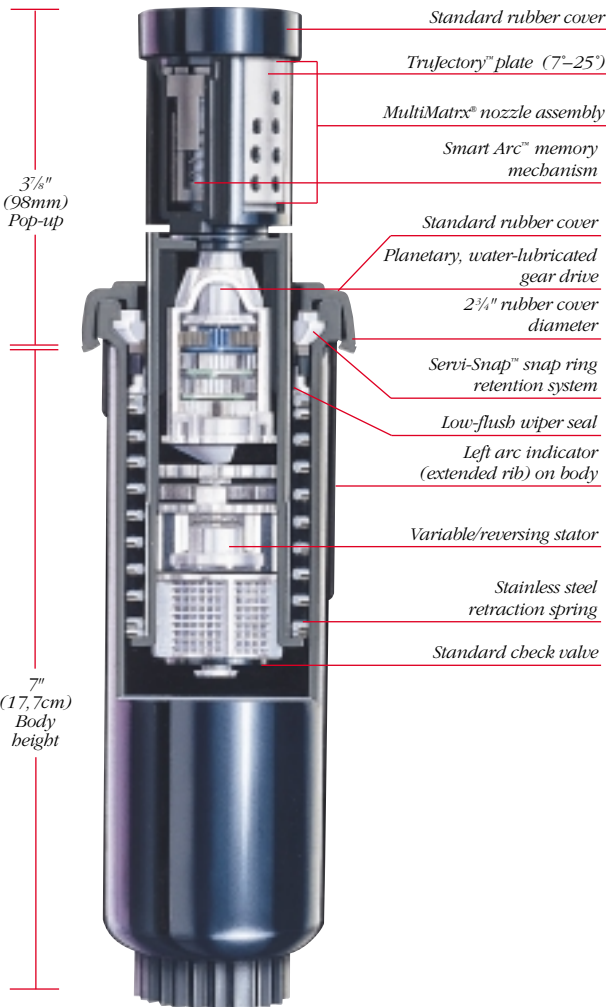


V-1550 Series Sprinklers

19'–55' Radius

Features

- Adjustable-flow nozzle
- Trjectory™ radius adjustment
- Full-circle and adjustable part-circle (40°–360°) models available
- All adjustments made from the top—wet or dry
- Smart Arc™ memory maintains previously set arc and minimizes vandalism
- Balanced precipitation rates
- Standard rubber cover (except shrub models)
- Check valve prevents low-head drainage and keeps laterals charged with water (standard on lawn pop-up models and optional on shrub models)
- Servi-Snap™ ring design for easy servicing
- Proven planetary, water-lubricated, gear-drive design
- Low-pressure models for enhanced low-pressure nozzle performance
- Recycled water models available
- Recycled identification cover available for all models except shrub
- Five-year warranty



V-1550 Series



Specifications

- Flow rate: 0.85–11.62 GPM (3,7–44 LPM)
- Recommended operating pressure range: 25–50 psi (1,7–3,5 Bar)
- Maximum operating pressure: 75 psi (5,2 Bar)
- Trajectory: 7°–25°
- 3/4" (20mm) female-threaded inlet (pop-up models)
- 1/2" (13mm) to 3/4" (20mm) female-threaded inlet (shrub models)
- Pop-up to nozzle:
 - 4" (100mm)—2 7/8" (67mm)
 - 12" (300mm)—10 1/4" (257mm)
- Dimensions:
 - Body diameter: 2 1/2" (63,5mm)
 - Exposed diameter: 2 3/4" (69,8mm)
 - Height:
 - Shrub—7 7/8" (200mm)
 - 4" (100mm)—7" (180mm)
 - 12" (300mm)—17" (425mm)
- Check valve maintains up to 10' (3m) elevation change on pop-up models and 8' (2,4m) on shrub models

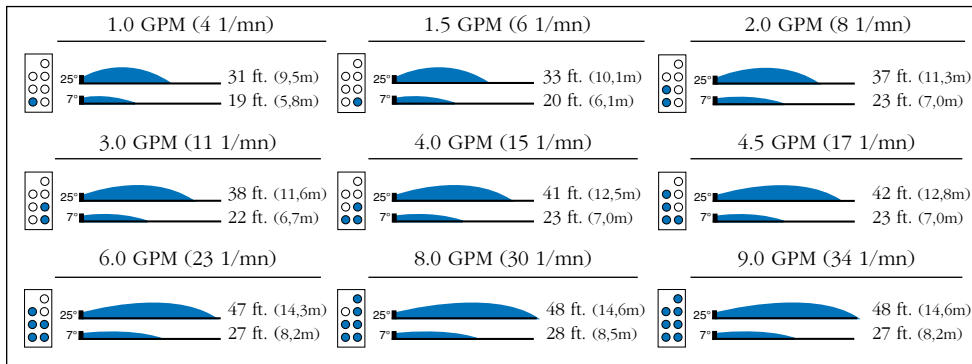
Note: Specifications subject to change without notice.

For more information, contact your local Toro distributor.

Lawn Pop-up Apex @ 50 psi (3,5 Bar)

Nozzle Set	Max. Height of Spray	Distance from Sprinkler	Max. Height of Spray	Distance from Sprinkler
1	7'8" (2,3m)	15' (4,6m)	1'5" (0,4m)	9' (2,7m)
1.5	7'8" (2,3m)	15' (3,6m)	1'5" (0,4m)	9' (2,7m)
2	8'4" (2,5m)	19' (5,8m)	1'5" (0,4m)	10' (3,0m)
3	9'4" (2,8m)	22' (6,7m)	1'5" (0,4m)	10' (3,0m)
4	9'6" (2,9m)	22' (6,7m)	1'7" (0,5m)	12' (3,7m)
4.5	10'6" (3,2m)	27' (8,2m)	1'8" (0,5m)	13' (4,0m)
6	11'0" (3,4m)	28' (8,5m)	1'10" (0,6m)	14' (4,3m)
8	11'6" (3,5m)	30' (9,1m)	2'0" (0,6m)	15' (4,6m)
9	12'0" (3,7m)	31' (9,4m)	2'0" (0,6m)	15' (4,6m)

V-1550 MultiMatrix Nozzle—Trajectory Performance @ 50 psi (3,5 Bar)



Unlike competitive sprinklers, the MultiMatrix nozzle features a matrix design that sprays water simultaneously from up to seven unique ports. Truly self-cleaning, these ports are manufactured from flexible aerospace materials. So sand and other particles pass right through without clogging or distorting the nozzle.



V-1550 MultiMatrix MPR Combinations

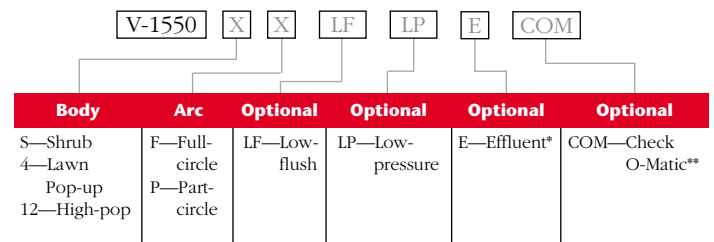
The following sets of nozzles may be used in combination to deliver a balanced precipitation rate.



#1	#2	#3	#4
#1.5	#3	#4.5	#6
#2	#4	#6	#8
#3	#6	#9	
#4	#8	#4	#8
#4.5	#9	#4.5	#9

Note: Combinations assume that all nozzles are operating at the same pressure. In addition, sprinklers can run off the same line if adequate flow exists.

Specifying Information



Example: A full-circle V-1550 Series lawn pop-up sprinkler with a low-pressure nozzle, would be specified as: **V-1550-4FL**

*Available on shrub models only.
**COM is standard on pop-up models and optional on shrub models.
MultiMatrix is a registered trademark of The Toro Company.
Trajectory, Smart Arc and Servi-Snap are trademarks of The Toro Company.

V-1550 Series MultiMatrx Low-pressure Nozzle Performance Data @ 25° Trajectory—U.S. (Recommended for most applications)

Pressure psi	Nozzle Sets				1.5				2				3				4				4.5				6				8				9			
	1		Prec. Rate ^a		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad	
25	.85	.29	.11	.10	1.05	25	.19	.16	1.44	27	.22	.19	1.85	26	.30	.26	2.73	26	.45	.39	3.23	27	.49	.43	4.00	28	.57	.49	5.02	28	.71	.62	5.57	29	.74	.64
30	.94	.30	.12	.10	1.15	27	.18	.15	1.65	29	.22	.19	2.09	28	.30	.26	3.09	30	.38	.33	3.68	30	.45	.39	4.56	31	.53	.46	5.63	31	.65	.56	6.25	33	.64	.55
35	1.02	.31	.12	.10	1.25	29	.17	.14	1.82	32	.20	.17	2.34	32	.25	.22	3.47	33	.35	.31	4.09	34	.39	.34	5.05	35	.46	.40	6.28	35	.57	.49	6.96	37	.57	.49
40	1.08	.31	.12	.11	1.33	30	.16	.14	1.96	33	.20	.17	2.54	33	.26	.22	3.72	34	.36	.31	4.42	36	.38	.33	5.51	37	.45	.39	6.84	38	.53	.46	7.58	39	.55	.48
45	1.12	.31	.13	.11	1.42	31	.16	.14	2.08	34	.20	.17	2.73	34	.26	.23	4.06	35	.37	.32	4.71	39	34	.30	5.90	39	.43	.37	7.36	42	.46	.40	8.16	42	.51	.45
50	1.17	.31	.14	.12	1.49	31	.17	.15	2.15	34	.21	.18	2.89	34	.28	.24	4.31	36	.37	.32	4.98	39	36	.32	6.27	41	.41	.36	7.85	43	.47	.41	8.75	44	.50	.44
55	1.21	.31	.14	.12	1.55	31	.18	.16	2.29	35	.21	.18	3.04	35	.28	.24	4.52	38	.35	.30	5.23	40	36	.31	6.61	42	.42	.36	8.26	45	.45	.39	9.23	46	.49	.42
60	1.24	.32	.13	.12	1.60	30	.20	.17	2.39	35	.22	.19	3.15	35	.29	.25	4.69	38	.36	.31	5.41	40	38	.33	6.87	43	.41	.36	8.61	45	.47	.41	9.67	47	.49	.42
65	1.28	.32	.14	.12	1.66	30	.21	.18	2.48	36	.21	.18	3.30	36	.28	.25	4.88	39	.36	.31	5.62	41	37	.32	7.14	44	.41	.36	8.99	45	.49	.43	10.09	49	.47	.40
70	1.31	.31	.15	.13	1.70	30	.21	.18	2.57	36	.22	.19	3.42	36	.29	.25	5.05	39	.37	.32	5.84	41	39	.33	7.43	44	.43	.37	9.29	46	.49	.42	10.42	49	.48	.42
75	1.34	.30	.17	.14	1.75	30	.22	.19	2.64	37	.21	.19	3.55	37	.29	.25	5.21	39	.38	.33	6.00	42	38	.33	7.68	44	.44	.38	9.61	47	.48	.42	10.89	50	.48	.42

Light green = Nozzles not recommended at this pressure.
 Dark green = Optimum nozzle performance.

* Δ Precipitation rates are for triangular spacing, shown in inches per hour, calculated at 50% of diameter.
 □ Precipitation rates are for square spacing, shown in inches per hour, calculated at 50% of diameter.
 All performance specifications are based on the stated working pressure available at the base of the sprinkler.
 Radius shown in feet.

V-1550 Series MultiMatrx Standard Nozzle Performance Data @ 25° Trajectory—U.S.

Pressure psi	Nozzle Sets				1.5				2				3				4				4.5				6				8				9			
	1		Prec. Rate ^a		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad		GPM		Rad	
25	0.98	.29	.13	.11	1.19	30	.15	.13	1.97	30	.24	.21	2.33	30	.29	.24	3.02	30	.37	.32	3.28	30	.41	.35	4.50	31	.52	.45	5.28	31	.53	.61	5.94	30	.73	.64
30	1.09	.30	.13	.12	1.29	31	.15	.13	2.08	33	.21	.18	2.60	34	.25	.22	3.38	34	.33	.28	3.77	34	.36	.31	5.29	35	.48	.42	5.99	35	.54	.47	6.80	36	.58	.51
35	1.16	.30	.14	.12	1.40	32	.15	.13	2.23	35	.20	.18	2.82	36	.24	.21	3.74	36	.32	.28	4.11	37	.33	.29	5.70	40	.40	.34	7.07	40	.49	.43	7.49	40	.52	.45
40	1.22	.31	.14	.12	1.49	33	.15	.13	2.37	36	.20	.18	3.06	37	.25	.22	4.05	38	.31	.27	4.54	39	.33	.29	6.44	43	.39	.34	7.40	43	.45	.39	8.13	43	.49	.42
45	1.29	.31	.15	.13	1.58	33	.16	.14	2.51	37	.20	.18	3.24	38	.25	.22	4.31	40	.30	.26	4.85	41	.32	.28	6.61	45	.36	.31	7.96	46	.42	.36	8.95	46	.47	.41
50	1.34	.31	.16	.13	1.67	33	.17	.15	2.65	37	.22	.19	3.44	38	.26	.23	4.56	41	.30	.26	5.14	42	.32	.28	6.90	47	.35	.30	8.41	48	.41	.35	9.40	48	.45	.39
55	1.38	.31	.16	.14	1.76	33	.18	.16	2.76	38	.21	.18	3.64	39	.27	.23	4.80	41	.32	.27	5.41	43	.33	.28	7.21	49	.33	.29	8.90	50	.40	.34	9.89	50	.44	.38
60	1.40	.30	.17	.15	1.85	33	.19	.16	2.80	38	.22	.19	3.72	39	.27	.24	4.99	42	.31	.27	5.63	44	.32	.28	7.48	50	.33	.29	9.28	51	.40	.34	10.34	52	.43	.37
65	1.46	.30	.18	.16	1.91	33	.20	.17	2.83	38	.22	.19	3.88	39	.28	.25	5.18	42	.33	.28	5.84	45	.32	.28	7.80	51	.33	.29	9.67	52	.40	.34	10.86	53	.43	.37
70	1.49	.30	.18	.16	1.97	32	.21	.19	2.89	38	.22	.19	4.02	39	.29	.25	5.31	42	.33	.29	6.04	46	.32	.27	8.04	52	.33	.29	10.00	54	.38	.33	11.17	54	.43	.37
75	1.52	.30	.19	.16	2.02	32	.22	.19	2.95	37	.24	.21	4.07	37	.33	.29	5.47	42	.34	.30	6.18	46	.32	.28	8.24	53	.33	.28	10.36	55	.38	.33	11.62	55	.43	.37

Light green = Nozzles not recommended at this pressure.
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 Radius shown in feet.

V-1550 Series Shrub

(Model Nos. V-1550-SCOM, V-1550-SFCOM

V-1550-SECOM & V-1550-SFECOM)

Nozzle	psi	GPM	7° Radius	25° Radius
1.0	40	1.02	16	29
1.5	50	1.44	16	30
2.0	50	2.15	17	31
3.0	50	2.52	18	32
3.0	60	3.13	19	34
4.0	50	3.47	18	33
4.0	60	4.13	19	35
4.5	50	4.05	18	35
4.5	60	4.56	19	37
6.0	55	5.41	19	38
6.0	65	6.13	20	40
8.0	60	7.18	20	42
8.0	70	8.16	21	43
9.0	60	7.90	20	42
9.0	70	9.76	21	45

Radius shown in feet.



The MultiMatrx nozzle with Trujectory™ allows infinite trajectory adjustment from 7° to 25°. You can fine-tune the height of the nozzle spray to compensate for the wind or to spray under low-hanging obstructions.

And, trajectory adjustments can be made from the top of the sprinkler—wet or dry—minimizing the time required to fine-tune the sprinkler system. No special-angle nozzles to purchase, inventory, lose or install.



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