

TORO®

SpecSheet

570Z Series Fixed-Spray Sprinklers and MPR Plus Spray Nozzles

Advanced fixed-spray performance.

570Z Series sprinklers are ideal for small turf areas and intricate designs. These sprinklers feature a low-pressure seal that flushes only upon retraction, which allows more sprinklers to be placed on the same zone. Retraction flushing also clears debris.

570 MPR Plus nozzles have a host of unique features, including *true* matched precipitation rates, color coding by radius and a standard pressure-compensating device to provide increased precision. MPR Plus nozzles fit any 570 pop-up body, shrub adapter, riser extender or shrub riser.



	Residential
	Commercial
	Municipal
	Athletic



Toro 570 Series Sprinklers 0'-17' Radius

Featuring a low-pressure seal that flushes only upon retraction, 570Z models are ideal for small turf areas and intricate designs. Seven distinct pop-up sprinkler bodies, a host of interchangeable nozzles and over 20 special-application nozzles provide unlimited flexibility.

Features

- Zero-flush seal prevents flushing on pop-up, enabling more sprinklers to be placed on the same zone
- Retraction flushing clears debris for reliable pop-down
- Low-pressure sealing at 15 PSI
- Small (2" diameter) solid black cap is less visible, reducing damage from exposure
- Accepts all Toro spray nozzles—including 570 MPR Plus spray nozzles and filter screens
- Accepts Maxijet® nozzles for low-application-rate irrigation
- Check-O-Matic models available—eliminating low-head drainage
- Ratcheting riser feature for easy arc adjustment
- Side inlet available on both 6" and 12" sprinkler bodies for easier installation
- Durable engineering plastic construction
- Stainless-steel retraction spring
- Screw-on cap (retrofits all previous Toro 570C bodies)
- Effluent cover available (Part No. 89-9752)
- 570Z PRX pressure-regulating models available (refer to form no. 490-2993 for more information)

Specifications

- Recommended operating pressure: 20-50 PSI
- Maximum operating pressure: 75 PSI
- Flow rate: 0.05-4.58 GPM
- ½" female-threaded inlet
- Dimensions:
Body diameter:
 - 1⅝" on 2P, 3P, 4P, 6P and 6P-SI bodies
 - 1⅞" on 12P and 12P-SI bodiesCap diameter: 2"
- Side inlet—4¾" from top of sprinkler to center of side inlet



Specifying Information—Sprinklers

570Z XXP SI COM		
Pop-Up Height	Optional	Optional
12—12" 6—6" 4—4" 3—3" 2—2"	SI—Side Inlet (optional) for 6" and 12" Models	COM—Check-O-Matic*
For Example: When specifying a 570Z Series Sprinkler with a pop-up height of 4" and a check valve, you would specify: 570Z-4P-COM		

* Available with non-side inlet only.

Toro 570 MPR Plus Spray Nozzles



True matched precipitation rates and color coding by radius are just a few of

the unique features of 570 MPR Plus spray nozzles. Fits any 570 pop-up body, shrub adapter, riser extender or shrub riser.

Features

- Matched precipitation rates ensure that 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 factory or field installed

- 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
- 5' radius nozzles adjust to 3'
- Standard and special spray patterns
- Patterns for small areas
 - Full set of arcs for 10', 8' and 5' radius nozzles
 - 4'x18' side strip ideal for parking lot medians
 - 2'x6' for small planter beds and other narrow areas



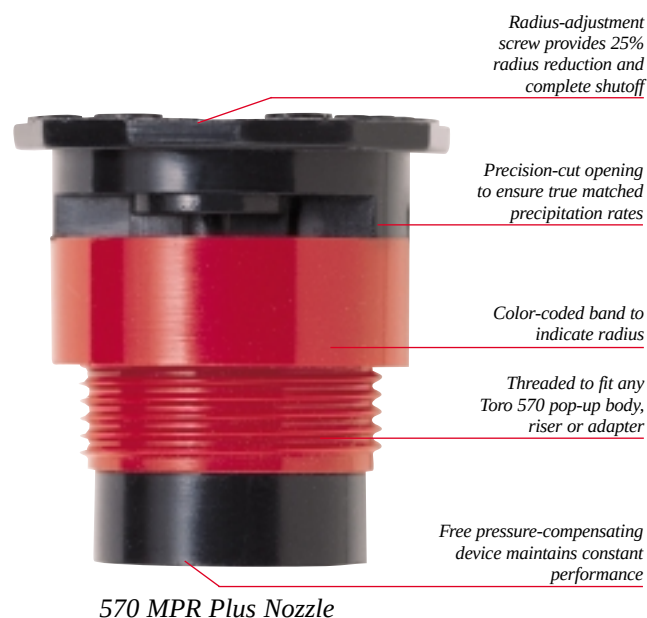
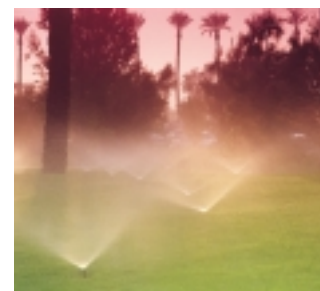
- 5 levels of trajectory

Apex at 30 PSI					
Nozzle Series	Max. Ht. of Spray				
	27°	23°	12°	5°	0°
15'	4'8"				
12'		3'7"			
10'			2'4"		
8'				2'2"	
5'					1'6"

- Convenient nozzle packaging—nozzles and screens packed separately in attached bags
- Fine-mesh filter screens prevent clogging of lower-gallonage nozzles

Specifications

- Operating pressure for optimum nozzle performance: 30 PSI
- Recommended operating pressure range: 20-50 PSI
- Maximum operating pressure: 75 PSI
- Adjustment screw allows up to 25% reduction in radius and complete shutoff



570 MPR Plus Nozzle

Specifying Information—MPR Nozzles

XX XXX PC			
Radius	Arc	Optional	
5—5' 8—8' 10—10' 12—12' 15—15'	Q—90° T—120° H—180° TT—240° TQ—270°	F—360° EST—End Strip CST—Center Strip SST—Side Strip	PC—Pressure Compensation
For Example: When specifying a 570 MPR Plus Nozzle with a radius of 10', a 180° arc and pressure compensation, you would specify:			
10-H-PC			

Toro Maxijet® Microspray Irrigation

Maximum versatility with low-volume benefits. Toro Maxijet microsprays can be used with all Toro 570 Series pop-up sprinklers, shrub adapters, risers and extenders. Now, precision water conservation is simpler than ever.



Features

- Ideal for flowerbeds, ground cover and low-water-use plants
- Fits all Toro 570 Series pop-up sprinklers, shrub adapters, risers and extenders
- Nozzle, adapter and pressure-compensating screen are pre-assembled
- Pressure compensation provides uniform application over elevation changes and long runs

- Flush mount Top Hat design allows the nozzle assembly to retract into the body (on pop-up models) for added debris and vandal resistance
- Low-flow rates reduce runoff in compacted soils and percolation in sandy soils
- Nozzles and pressure-compensating screens are color coded by GPH for easy identification
- Three radius and flow-rate choices:
 - 10 GPH (blue)—4'
 - 15 GPH (green)—5'
 - 24 GPH (red)—6'

- Four nozzle patterns:
 - 90° quarter-circle
 - 180° half-circle
 - 360° full-circle
 - Center strip

Specifications

- Recommended operating range: 20-50 PSI
- Maximum operating pressure: 50 PSI
- Flow rate: 10-24 GPH

Note: Specifications subject to change without notice.

For more information, contact your local Toro distributor.

570Z Series Nozzle Adapters

10 GPH Series with 0° Trajectory ●

Nozzle Radius	Pressure	GPM	Radius
MJ-4Q	20	10.5	4.5
	30	12.8	5.0
	40	14.6	5.5
MJ-4Q-PC	20-50	10.0	4.5
MJ-4H	20	10.5	4.0
	30	12.8	4.5
	40	14.6	4.5
MJ-4H-PC	20-50	10.0	4.0
MJ-4F	20	10.5	4.0
	30	12.8	5.0
	40	14.6	5.0
MJ-4F-PC	20-50	10.0	3.5
MJ-4CST	20	10.5	1.5 x 3.0
	30	12.8	5.5 x 3.0
	40	14.6	6.0 x 3.5
MJ-4CST-PC	20-50	10.0	4.0 x 3.0

15 GPH Series with 0° Trajectory ●

Nozzle Radius	Pressure	GPM	Radius
MJ-5Q	20	16.0	6.5
	30	19.9	7.0
	40	22.7	7.5
MJ-5Q-PC	20-50	15.0	5.5
MJ-5H	20	16.0	6.5
	30	19.9	7.0
	40	22.7	7.5
MJ-5H-PC	20-50	15.0	5.5
MJ-5F	20	16.0	4.5
	30	19.9	5.0
	40	22.7	5.0
MJ-5F-PC	20-50	15.0	5.0
MJ-5CST	20	16.0	4.5 x 3.0
	30	19.9	5.5 x 3.0
	40	22.7	6.5 x 3.5
MJ-5CST-PC	20-50	15.0	5.0 x 3.0

24 GPH Series with 0° Trajectory ●

Nozzle Radius	Pressure	GPM	Radius
MJ-6Q	20	23.5	7.0
	30	29.1	8.0
	40	31.6	8.5
MJ-6Q-PC	20-50	24.0	6.5
MJ-6H	20	23.5	5.0
	30	29.1	5.5
	40	31.6	6.0
MJ-6H-PC	20-50	24.0	5.5
MJ-6F	20	23.5	5.0
	30	29.1	6.5
	40	31.6	7.5
MJ-6F-PC	20-50	24.0	5.5
MJ-6CST	20	23.5	5.5 x 3.0
	30	29.1	6.5 x 3.5
	40	31.6	7.0 x 3.5
MJ-6CST-PC	20-50	24.0	6.0 x 3.0

Toro 570 Series Shrub Adapter

Features

- Accepts all Toro 570 Series spray, stream bubbler and flood bubbler nozzles

Specifications

- ½" NPT female-threaded inlet



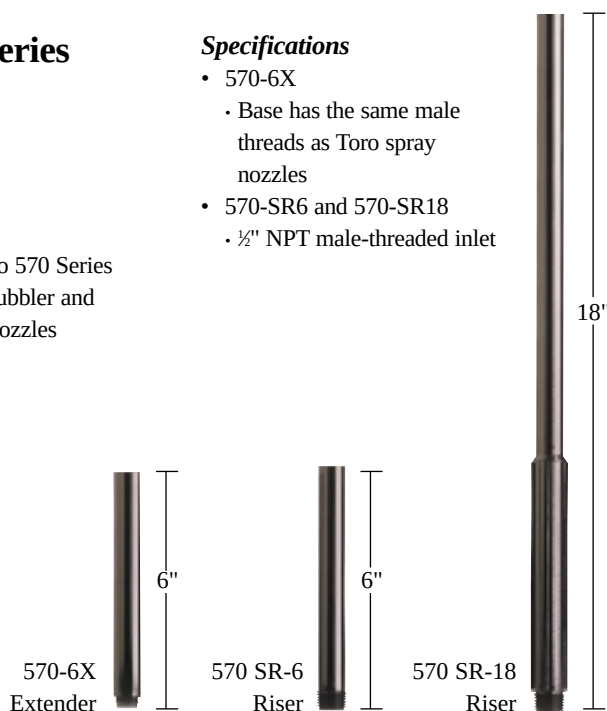
Toro 570 Series Risers and Extender

Features

- Accepts all Toro 570 Series spray, stream bubbler and flood bubbler nozzles

Specifications

- 570-6X
 - Base has the same male threads as Toro spray nozzles
- 570-SR6 and 570-SR18
 - ½" NPT male-threaded inlet

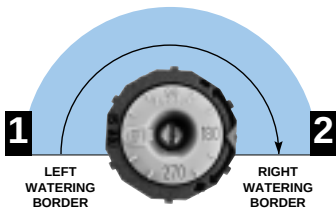


Toro 570 ADJ
Adjustable Arc
Nozzle
15' Radius

One nozzle for customized spray patterns to fit any landscape need. The most feature-filled nozzle on the market today—at an unbelievable value.

Arc Adjustment
Features

- Radius adjustment screw provides 25% radius reduction and full Off
- Adjustable arc from 0°–330°
- Factory preset at 180°, graphically identified
- Nozzles can be installed onto any 570 body, shrub adapter, riser or extender
- Left and right side of arc identified
- Wet or dry adjustment
- Vandal-resistant design to ensure arc setting and eliminate arc drift



- 1** Align left-side indicator with left watering border. Arc is preset at the factory to 180°.
- 2** Rotate outer ring: left to decrease, right to increase. Align right-side indicator to the desired spray coverage

Specifications

- Radius range: 14'–17'*
- Operating pressure range: 20–50 PSI
- GPM range: 0–5.5
- Maximum operating pressure: 75 PSI

*Based on use with radius adjustment screw.

Note: Specifications subject to change without notice.

For more information, contact your local Toro distributor.

570 Adjustable Arc Nozzle Performance Chart

ARC	@ 20 PSI				@ 30 PSI				@ 40 PSI				@ 50 PSI			
	RAD	GPM	Prec. Rate* △ □		RAD	GPM	Prec. Rate* △ □		RAD	GPM	Prec. Rate* △ □		RAD	GPM	Prec. Rate* △ □	
▲ 45°	14'	0.65	2.95	2.55	15'	0.81	3.20	2.77	16'	0.95	3.30	2.86	17'	1.09	3.36	2.91
▲ 90°	14'	1.10	2.50	2.16	15'	1.36	2.69	2.33	16'	1.58	2.75	2.38	17'	1.77	2.72	2.36
▲ 135°	14'	1.52	2.29	1.99	15'	1.90	2.50	2.16	16'	2.27	2.62	2.27	17'	2.58	2.64	2.29
▲ 180°	14'	2.30	2.61	2.26	15'	2.65	2.62	2.27	16'	3.06	2.66	2.30	17'	3.43	2.64	2.29
▲ 225°	14'	2.49	2.26	1.96	15'	2.98	2.36	2.04	16'	3.45	2.40	2.08	17'	3.87	2.38	2.06
▲ 270°	14'	2.68	2.02	1.75	15'	3.30	2.17	1.88	16'	3.83	2.22	1.92	17'	4.30	2.20	1.91
▲ 315°	14'	2.87	1.86	1.61	15'	3.62	2.04	1.77	16'	4.21	2.08	1.81	17'	4.73	2.07	1.80

*△ Precipitation rates are for triangular spacing, shown in inches per hour, calculated at 55% of diameter.
□ Precipitation rates are for square spacing, shown in inches per hour, calculated at 50% of diameter.

Specifying Information—570 ADJ Nozzles

15		ADJ	
<i>Radius</i>		<i>Arc</i>	
15—15'		Variable, 0°–330°	
For Example:			
When specifying a 15' 570 ADJ Adjustable Arc Nozzle, you would specify:			
15-ADJ			

Note: To specify a 570 ADJ Adjustable Arc Nozzle with a 570Z sprinkler body, attach the body specification before the nozzle specification.



570Z MPR Plus Spray Nozzle Performance Chart

5' Series with 0° Trajectory ●

Nozzle Radius	Pressure	GPM	Radius	Prec. Rate* □ △
5-Q ¼	20	0.05	4'	1.21 1.40
	30	0.09	5'	1.40 1.61
	40	0.12	6'	1.54 1.78
	50	0.15	6'	1.62 1.86
5-Q-PC	30-40	0.09	5'	1.40 1.61
	40-75	0.10	5'	1.55 1.79
5-T ½	20	0.07	4'	1.27 1.47
	30	0.12	5'	1.40 1.61
	40	0.16	6'	1.54 1.78
	50	0.20	6'	1.62 1.86
5-T-PC	30-40	0.12	5'	1.40 1.61
	40-75	0.13	5'	1.55 1.79
5-H ½	20	0.10	4'	1.21 1.40
	30	0.19	5'	1.47 1.70
	40	0.23	6'	1.47 1.70
	50	0.27	6'	1.45 1.68
5-H-PC	30-40	0.18	5'	1.40 1.61
	40-75	0.20	5'	1.55 1.79
5-TT ¾	20	0.15	4'	1.36 1.57
	30	0.25	5'	1.45 1.68
	40	0.30	6'	1.44 1.66
	50	0.35	6'	1.41 1.63
5-TT-PC	30-40	0.23	5'	1.34 1.54
	40-75	0.27	5'	1.57 1.81
5-TQ ¾	20	0.20	4'	1.61 1.86
	30	0.29	5'	1.50 1.73
	40	0.34	6'	1.45 1.68
	50	0.40	6'	1.44 1.66
5-TQ-PC	30-40	0.26	5'	1.34 1.55
	40-75	0.29	5'	1.50 1.73
5-F	20	0.25	4'	1.51 1.75
	30	0.38	5'	1.47 1.70
	40	0.45	6'	1.44 1.66
	50	0.53	6'	1.43 1.65
5-F-PC	30-40	0.35	5'	1.36 1.57
	40-75	0.39	5'	1.51 1.75

8' Series with 5° Trajectory ●

Nozzle Radius	Pressure	GPM	Radius	Prec. Rate* □ △
8-Q ¼	20	0.17	7'	1.34 1.55
	30	0.24	8'	1.45 1.68
	40	0.26	9'	1.39 1.61
	50	0.29	9'	1.39 1.60
8-Q-PC	30-40	0.22	8'	1.33 1.54
	40-75	0.25	8'	1.51 1.75
8-T ½	20	0.23	7'	1.36 1.58
	30	0.30	8'	1.36 1.57
	40	0.36	9'	1.45 1.67
	50	0.40	9'	1.44 1.66
8-T-PC	30-40	0.29	8'	1.32 1.52
	40-75	0.35	8'	1.59 1.84
8-H ½	20	0.37	8'	1.27 1.47
	30	0.50	8'	1.51 1.75
	40	0.58	9'	1.56 1.80
	50	0.65	9'	1.56 1.80
8-H-PC	30-40	0.44	8'	1.33 1.54
	40-75	0.50	8'	1.51 1.75
8-TT ¾	20	0.56	7'	1.66 1.92
	30	0.70	8'	1.59 1.84
	40	0.80	9'	1.61 1.86
	50	0.88	9'	1.58 1.82
8-TT-PC	30-40	0.59	8'	1.34 1.55
	40-75	0.70	8'	1.59 1.84
8-TQ ¾	20	0.63	7'	1.66 1.92
	30	0.76	8'	1.53 1.77
	40	0.86	9'	1.54 1.78
	50	0.93	9'	1.48 1.71
8-TQ-PC	30-40	0.64	8'	1.29 1.49
	40-75	0.70	8'	1.41 1.63
8-F	20	0.74	7'	1.46 1.69
	30	1.00	8'	1.51 1.75
	40	1.16	9'	1.56 1.80
	50	1.30	9'	1.56 1.80
8-F-PC	30-40	0.85	8'	1.29 1.49
	40-75	1.00	8'	1.51 1.75

10' Series with 12° Trajectory ●

Nozzle Radius	Pressure	GPM	Radius	Prec. Rate* □ △
10-Q ¼	20	0.30	9'	1.44 1.66
	30	0.40	10'	1.55 1.79
	40	0.50	11'	1.60 1.85
	50	0.60	12'	1.62 1.86
10-Q-PC	30-40	0.33	10'	1.28 1.48
	40-75	0.37	10'	1.43 1.66
10-T ½	20	0.42	9'	1.51 1.74
	30	0.52	10'	1.51 1.75
	40	0.65	11'	1.56 1.80
	50	0.75	12'	1.51 1.75
10-T-PC	30-40	0.44	10'	1.28 1.48
	40-75	0.50	10'	1.45 1.68
10-H ½	20	0.60	9'	1.44 1.66
	30	0.71	10'	1.38 1.59
	40	0.85	11'	1.36 1.57
	50	0.99	12'	1.43 1.65
10-H-PC	30-40	0.66	10'	1.28 1.48
	40-75	0.75	10'	1.45 1.68
10-TT ¾	20	0.71	9'	1.27 1.47
	30	0.97	10'	1.41 1.63
	40	1.10	11'	1.45 1.67
	50	1.19	11'	1.43 1.65
10-TT-PC	30-40	0.89	10'	1.29 1.49
	40-75	1.00	10'	1.45 1.68
10-TQ ¾	20	0.82	9'	1.31 1.51
	30	1.04	10'	1.34 1.55
	40	1.20	11'	1.41 1.62
	50	1.35	11'	1.44 1.66
10-TQ-PC	30-40	0.99	10'	1.28 1.48
	40-75	1.09	10'	1.41 1.63
10-F	20	1.11	9'	1.49 1.72
	30	1.49	10'	1.44 1.67
	40	1.61	11'	1.42 1.63
	50	1.85	11'	1.48 1.71
10-F-PC	30-40	1.33	10'	1.29 1.49
	40-75	1.51	10'	1.46 1.69

12' Series with 23° Trajectory ●

Nozzle Radius	Pressure	GPM	Radius	Prec. Rate* □ △
12-Q ¼	20	0.40	11'	1.28 1.48
	30	0.50	12'	1.35 1.55
	40	0.60	13'	1.42 1.64
	50	0.63	13'	1.44 1.67
12-Q-PC	30-40	0.48	12'	1.29 1.49
	40-75	0.53	12'	1.43 1.65
12-T ½	20	0.57	11'	1.37 1.58
	30	0.72	12'	1.45 1.68
	40	0.87	13'	1.62 1.87
	50	0.97	13'	1.67 1.93
12-T-PC	30-40	0.64	12'	1.29 1.49
	40-75	0.70	12'	1.41 1.63
12-H ½	20	0.95	11'	1.52 1.76
	30	1.09	12'	1.47 1.69
	40	1.30	13'	1.49 1.72
	50	1.55	14'	1.53 1.77
12-H-PC	30-40	0.96	12'	1.29 1.49
	40-75	1.05	12'	1.41 1.63
12-TT ¾	20	1.12	11'	1.35 1.55
	30	1.45	12'	1.46 1.69
	40	1.63	13'	1.52 1.75
	50	1.80	13'	1.55 1.79
12-TT-PC	30-40	1.28	12'	1.29 1.49
	40-75	1.40	12'	1.41 1.63
12-TQ ¾	20	1.05	11'	1.23 1.42
	30	1.55	12'	1.39 1.61
	40	1.65	13'	1.36 1.58
	50	1.80	13'	1.38 1.59
12-TQ-PC	30-40	1.44	12'	1.29 1.49
	40-75	1.60	12'	1.44 1.66
12-F	20	1.67	11'	1.34 1.54
	30	2.19	12'	1.47 1.70
	40	2.35	13'	1.46 1.68
	50	2.70	13'	1.55 1.79
12-F-PC	30-40	1.92	12'	1.29 1.49
	40-75	2.10	12'	1.41 1.63

15' Series with 27° Trajectory ●

Nozzle Radius	Pressure	GPM	Radius	Prec. Rate* □ △
15-Q ¼	20	0.68	14'	1.34 1.55
	30	0.85	15'	1.46 1.69
	40	1.04	16'	1.57 1.82
	50	1.23	16'	1.86 2.15
15-Q-PC	30-40	0.75	15'	1.29 1.49
	40-75	0.81	15'	1.40 1.61
15-T ½	20	0.95	14'	1.52 1.75
	30	1.10	15'	1.42 1.64
	40	1.30	16'	1.57 1.82
	50	1.45	16'	1.75 2.03
15-T-PC	30-40	1.00	15'	1.29 1.49
	40-75	1.10	15'	1.42 1.64
15-H ½	20	1.37	13'	1.55 1.79
	30	1.65	15'	1.44 1.66
	40	2.02	16'	1.53 1.77
	50	2.14	16'	1.62 1.87
15-H-PC	30-40	1.50	15'	1.29 1.49
	40-75	1.65	15'	1.42 1.64
15-TT ¾	20	1.78	14'	1.38 1.59
	30	2.20	15'	1.42 1.64
	40	2.66	16'	1.51 1.74
	50	2.84	16'	1.61 1.86
15-TT-PC	30-40	2.00	15'	1.29 1.49
	40-75	2.20	15'	1.42 1.64
15-TQ ¾	20	2.10	13'	1.61 1.85
	30	2.60	15'	1.49 1.72
	40	3.00	16'	1.61 1.86
	50	3.40	16'	1.72 1.98
15-TQ-PC	30-40	2.30	15'	1.32 1.53
	40-75	2.50	15'	1.44 1.66
15-F	20	2.85	13'	1.63 1.89
	30	3.60	15'	1.55 1.79
	40	4.20	16'	1.59 1.84
	50	4.58	16'	1.73 2.00
15-F-PC	30-40	3.00	15'	1.29 1.49
	40-75	3.30	15'	1.42 1.64

Special Patterns ●

Nozzle Radius	Pressure	GPM	Special Patterns Width Length	Prec. Rate*
4-EST	20	0.38	3' x 12'	2.03
	30	0.45	4' x 15'	1.44
	40	0.53	5' x 18'	1.13
	50	0.60	6' x 20'	0.96
4-EST-PC	30-40	0.43	4' x 15'	1.38
	40-75	0.50	4' x 15'	1.61
4-CST	20	0.75	3' x 24'	2.01
	30	0.90	4' x 30'	1.44
	40	1.04	4' x 30'	1.67
	50	1.16	4' x 31'	1.80
4-CST-PC	30-40	0.86	4' x 30'	1.38
	40-75	1.00	4' x 30'	1.61
9-SST	20	1.00	9' x 18'	1.19
	30	1.20	9' x 18'	1.43
	40	1.38	9' x 20'	1.48
	50	1.55	10' x 22'	1.36
9-SST-PC	30-40	1.10	9' x 18'	1.31
	40-75	1.20	9' x 18'	1.43
4-SST	20	0.65	4' x 24'	1.30
	30	0.90	4' x 30'	1.44
	40	1.04	4' x 32'	1.56
	50	1.16	5' x 33'	1.35
4-SST-PC	30-40	0.88	4' x 30'	1.41
	40-75	1.00	4' x 30'	1.61
2-SST	20	0.08	2' x 5'	1.54
	30	0.09	2' x 6'	1.44
	40	0.10	2' x 7'	1.38
	50	0.12	3' x 7'	1.10
2-SST-PC	30-40	0.09	2' x 6'	1.44
	40-75	0.10	2' x 6'	1.61
4S-SST	20	0.46	4' x 17'	1.30
	30	0.55	4' x 18'	1.47
	40	0.63	4' x 19'	1.60
	50	0.71	5' x 19'	1.44
4S-SST-PC	30-40	0.50	4' x 18'	1.34
	40-75	0.59	4' x 18'	1.58

Radius shown in feet.

*△ 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 head.



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