



720G Series

Golf Sprinklers



720G Series Sprinklers

High performance in a smaller body.

Truly the best of both worlds. The 720G provides the high performance of a 720 Series golf sprinkler, but is encased in a smaller-diameter body. It is a perfect fit for tee boxes, approaches and other areas with special irrigation requirements.

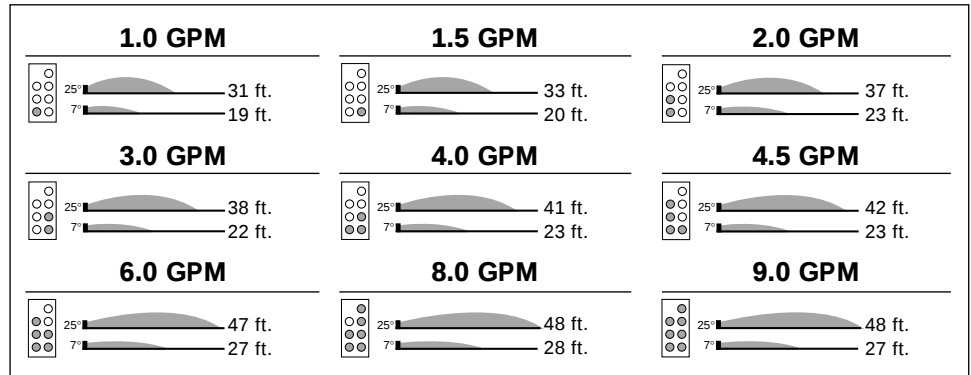
720G includes the unique MultiMatrix™ adjustable flow nozzles with self-cleaning ports, giving you the precision you need for difficult-to-irrigate areas. To compensate for weather and installation conditions, the patented TruJectory™ system allows you to make fine-tuning adjustments from 7° to 25° and radius adjustments from 20' to 48'.

720G is designed to handle the pressures of a golf system, but gives you the benefits of a small-bodied sprinkler. You no longer have to force-fit large-sized sprinklers in smaller areas. It's the specialty sprinkler you need to complete your system.

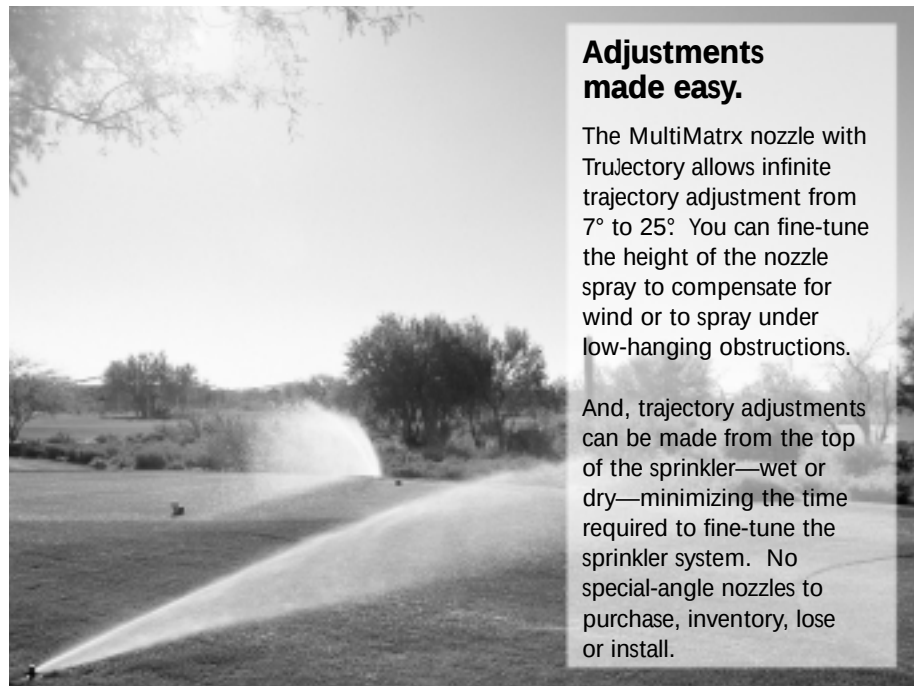
Toro 720G Series Golf Sprinklers

Radius: 20'-48'

720G MultiMatrix Nozzle—TruJectory Performance @ 50 PSI



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.



Adjustments made easy.

The MultiMatrix nozzle with TruJectory allows infinite trajectory adjustment from 7° to 25°. You can fine-tune the height of the nozzle spray to compensate for 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.

720G 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 ◐	OR #4 ◑	#8 ●
#4.5 ▲	#9 ◐	OR #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.



Apex at 50 PSI

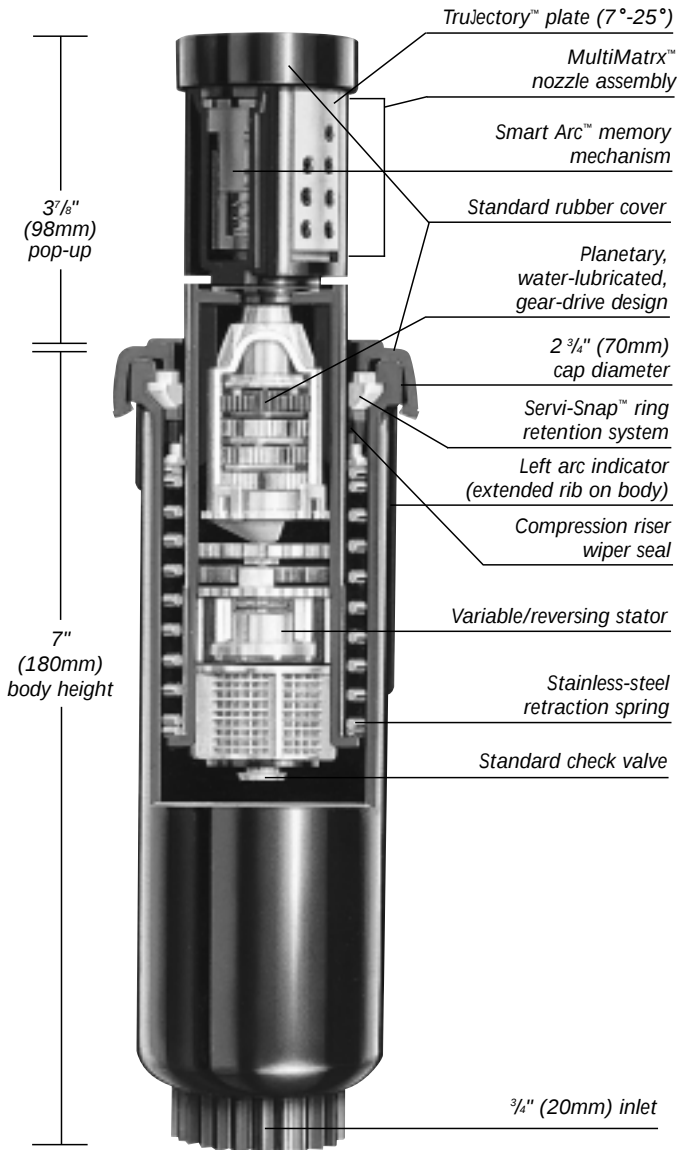
Nozzle GPM	25°		7°	
	Max. Height of Spray	Distance from Head	Max. Height of Spray	Distance from Head
1	7'8"	15'	1'5"	9'
1.5	7'8"	15'	1'5"	9'
2	8'4"	19'	1'5"	10'
3	9'4"	22'	1'5"	10'
4	9'6"	22'	1'7"	12'
4.5	10'6"	27'	1'8"	13'
6	11'	28'	1'10"	14'
8	11'6"	30'	2'	15'
9	12'	31'	2'	15'

Features

- Adjustable-flow nozzle, 1-9 GPM
- Trajectory radius adjustment
- Full-circle and adjustable part-circle (40°-360°) models available
- High pop-up height to clear taller grasses
- All adjustments made from the top—wet or dry
- Matched precipitation rates
- Time-proven planetary gear-drive design
- Variable reversing stator
- All internal components serviceable from the top of the sprinkler with Servi-Snap™
- Durable engineering plastic and stainless-steel construction

Specifications

- Radius: 20'-48'
- Flow Rate: 1.13-11.46 GPM
- Adjustable Trajectory: 7°-25°
- Operating Pressure Range: 40-90 PSI
- Optimum nozzle performance @ 65 PSI
- ¾" female-threaded inlet
- Check-O-Matic maintains up to 10' of elevation change
- Dimensions:
 - Pop-up to center of nozzle plate: 2 7/8"
 - Body Height: 7"



720G MultiMatrix™ Nozzle Performance Data @ 25° Trajectory—U.S.

Base Pressure	Nozzle Sets																																			
	1		Prec. Rate		1.5		Prec. Rate		2		Prec. Rate		3		Prec. Rate		4		Prec. Rate		4.5		Prec. Rate		6		Prec. Rate		8		Prec. Rate		9		Prec. Rate	
PSI	Rad	GPM	△*	□*	Rad	GPM	△	□	Rad	GPM	△	□	Rad	GPM	△	□	Rad	GPM	△	□	Rad	GPM	△	□	Rad	GPM	△	□	Rad	GPM	△	□	Rad	GPM	△	□
40	29	1.13	.11	.13	29	1.50	.15	.17	30	2.09	.19	.22	31	2.60	.23	.26	32	3.62	.29	.34	34	4.06	.29	.34	34	5.15	.37	.43	34	6.49	.47	.54	37	7.15	.44	.50
45	29	1.18	.12	.14	29	1.59	.16	.18	30	2.21	.20	.24	31	2.86	.25	.29	32	3.91	.32	.37	34	4.43	.32	.37	35	5.56	.38	.44	35	6.96	.47	.55	39	7.65	.42	.48
50	29	1.24	.12	.14	29	1.68	.17	.18	30	2.34	.22	.25	32	3.00	.24	.28	33	4.16	.32	.37	35	4.75	.32	.37	37	5.95	.36	.42	38	7.43	.43	.50	41	8.14	.40	.47
55	29	1.28	.13	.15	29	1.76	.17	.20	31	2.45	.21	.25	32	3.20	.26	.30	34	4.30	.31	.36	36	4.94	.32	.37	38	6.33	.37	.42	40	7.84	.41	.47	42	8.54	.40	.47
60	29	1.33	.13	.15	30	1.84	.17	.20	31	2.54	.22	.25	32	3.31	.27	.31	34	4.51	.33	.38	36	5.22	.34	.39	38	6.60	.38	.44	40	8.30	.43	.50	44	9.07	.39	.45
65	29	1.39	.14	.16	30	1.91	.18	.20	31	2.63	.23	.26	32	3.42	.28	.32	35	4.69	.32	.37	36	5.41	.35	.40	39	6.87	.38	.43	42	8.61	.41	.47	44	9.67	.42	.48
70	29	1.43	.14	.16	30	2.00	.19	.21	32	2.72	.22	.26	32	3.54	.29	.33	35	4.90	.33	.39	37	5.63	.34	.40	39	7.27	.40	.46	42	9.10	.43	.50	46	9.93	.39	.45
75	29	1.48	.15	.17	30	2.06	.19	.22	32	2.78	.23	.26	32	3.67	.30	.35	35	5.07	.35	.40	37	5.82	.35	.41	39	7.49	.41	.47	42	9.40	.44	.51	47	10.36	.39	.45
80	29	1.51	.15	.17	30	2.14	.20	.23	32	2.91	.24	.27	32	3.81	.31	.36	35	5.25	.36	.41	37	6.02	.37	.42	39	7.71	.42	.49	42	9.75	.46	.53	47	10.75	.41	.47
85	29	1.55	.15	.18	30	2.16	.20	.23	32	2.97	.24	.28	32	3.90	.32	.37	35	5.39	.37	.42	37	6.20	.38	.42	40	7.96	.41	.48	42	10.04	.47	.55	47	11.10	.42	.48
90	29	1.58	.16	.18	30	2.22	.21	.24	32	3.04	.25	.29	32	4.02	.33	.38	35	5.54	.38	.44	38	6.45	.37	.44	40	8.24	.43	.50	43	10.36	.47	.54	48	11.46	.41	.48

*△ 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.

720G MultiMatrix™ Nozzle Performance Data @ 25° Trajectory—Metric

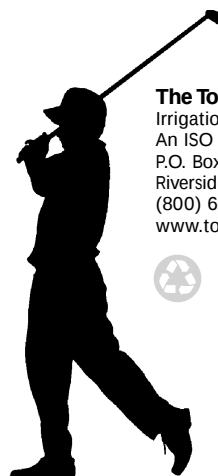
Pressure			Nozzle Set - 1		Nozzle Set - 1.5		Nozzle Set - 2		Nozzle Set - 3		Nozzle Set - 4		Nozzle Set - 4.5		Nozzle Set - 6		Nozzle Set - 8		Nozzle Set - 9	
Bar	kPa	Kg/cm ²	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)	Radius (m)	Flow (LPM)
2,75	275	2,81	8,8	4,28	8,8	5,68	9,1	7,91	9,4	9,84	9,8	13,7	10,4	15,4	10,4	19,5	10,4	24,6	11,3	27,1
3,0	300	3,06	8,8	4,41	8,8	5,92	9,1	8,23	9,4	10,5	9,8	14,5	10,4	16,3	10,6	20,6	10,6	25,8	11,7	28,4
3,5	350	3,57	8,8	4,72	8,8	6,40	9,2	8,92	9,8	11,5	10,1	15,8	10,7	18,1	11,3	22,7	11,7	28,4	12,5	31,0
4,0	400	4,08	8,8	4,96	9,0	6,84	9,4	9,48	9,8	12,4	10,4	16,7	11,0	19,3	11,6	24,6	12,2	30,7	13,2	33,5
4,5	450	4,59	8,8	5,27	9,1	7,24	9,5	9,97	9,8	13,0	10,7	17,8	11,0	20,5	11,9	26,1	12,8	32,7	13,4	36,6
5,0	500	5,10	8,8	5,51	9,1	7,68	9,8	10,4	9,8	13,6	10,7	18,9	11,3	21,7	11,9	27,9	12,8	35,0	14,2	38,4
5,5	550	5,61	8,8	5,71	9,1	8,08	9,8	11,0	9,8	14,4	10,7	19,8	11,3	22,7	11,9	29,1	12,8	36,8	14,3	40,6
6,0	600	6,12	8,8	5,91	9,1	8,27	9,8	11,3	9,8	14,9	10,7	20,6	11,4	23,8	12,2	30,5	12,9	38,5	14,4	42,6
6,25	625	6,38	8,8	5,99	9,1	8,43	9,8	11,5	9,8	15,3	10,7	21,0	11,6	24,5	12,2	31,3	13,1	39,4	14,7	43,5

Precipitation rates are shown in inches per hour calculated at 50% of diameter



Ordering Information — 720G Series Sprinklers

72XG X	
Arc	Optional
4—Full-circle 5—Part-circle	E—Effluent Model
For Example: When specifying a full-circle 720G Series Sprinkler, you would specify: 724G	



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