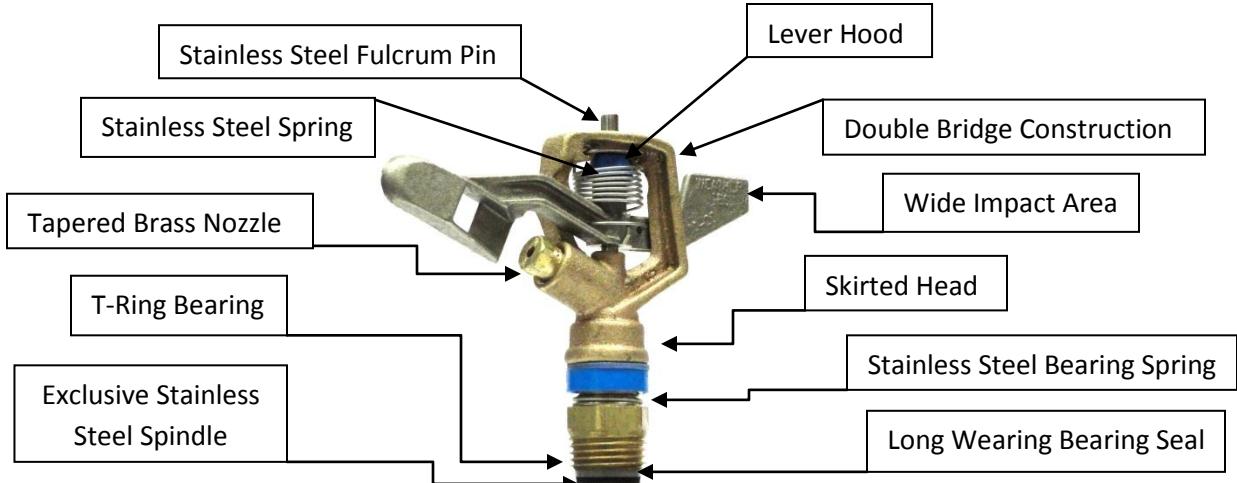


WEATHER TEC AGRICULTURAL PRODUCTS



DOUBLE-BRIDGE CONSTRUCTION designed to give maximum strength to the head and minimize lever/fulcrum pin misalignment.

SKIRTED HEAD for extra strength and to provide a positive machined upper-bearing seal-surface.

ENGINEERED WATER PASSAGE individually designed to produce the optimum hydraulic cross-section for each given head. Significantly reduces internal turbulence to insure quality water stream, for precise application and uniformity.

TAPERED BRASS NOZZLES with smooth micro finish bore provides maximum sprinkler diameter and superior sprinkler performance. Low-pressure nozzles are available for most sprinkler models. Widest selection of low angle and special-purpose nozzles in the industry offers the system designer the greatest degree of flexibility and efficiency of design.

POSITIVE DRIVE LEVER with a deep-channel, I-beam construction and wide-impact area for durability and extended wear on impact surfaces. The lever hood acts as a dust cover to prohibit lever-bearing-surface contamination.

STAINLESS STEEL FULCRUM PIN and **SPRINGS** extend component life. Corrosion and wear are minimized.

EXCLUSIVE STAINLESS STEEL SPINDLE insures longer wear, greater structural integrity, and significantly improved pressure-friction-loss characteristics.

T-RING BEARINGS are designed to provide maximum life expectancy and consistent speed of rotation. Individual models are equipped with the best bearing assemblies for their intended application. No attempt is made to force a single standard bearing type into all applications. All bearings contain replaceable seals and are interchangeable, size by size, throughout the product line.

100% FACTORY WATER TESTED to insure that all Weather-Tec Sprinklers will yield optimum performance for years to come.

Basic Unit Numbers

The Weather-Tec sprinkler or unit numbers are composed of a prefix number, followed by a dash and a suffix number. The prefix number identifies the basic type of equipment. The suffix number identifies the unit.

Prefix No. Series	Unit Type Description	Examples
50-	Impact Lever Type, One Piece Stainless Steel Tube	G50-7, G50-11, G50-15 G50-23
10-	Impact Lever Type – Full Circle	10-02, 10-03, 10-10, 10-20, 10-30, 10-67, 10-80
15-	Impact Lever Type – Part Circle	15-20, 15-30, 15-67, 15-80
65-	Spindle Extractor	65-20, 65-30, 65-60, 65-80

Model Variation Letters

To be added at end of the model number

- A = Adjustable Nozzle with Stream Break-Up Screw
- B = Baffle Nozzle with Adjustable Distance-Control Baffle
- D = Dual Nozzle
- F = Female
- FC = Flow Control Nozzle
- G = Standard Brass Bearing
- J = With Bellow
- K = Sealed Bearing without Spring Cover
- L = Low Angle
- LC = Locking Collars
- MP = Multi-Pressure Nozzle
- P = Plastic Bearing
- S = 3/8 24th Nozzle
- T = Teflon Washers
- V = Wedge Lever
- ¾ = To show ¾" Male Base on a sprinkler that normally has a ½" Male Base

Test Procedure for Catalog Performance Tables

All sprinklers were tested under minimum wind conditions. The water pressure readings were taken below the sprinkler inlet to provide meaningful design data. All pressure readings recorded are accurate to within 2% of actual pressure. The recorded flow rate (in U.S. gallons per minute) is accurate to within 1% of actual flow. Diameters are rounded to the nearest foot. The information printed in this catalog is the average of the performance of a number of inventory samples.

½" Impact Sprinklers – Full Circle



Model

G50-23 Plastic Series

- Full circle impact - 23° trajectory
- ½" Male N.P.T. – Single Nozzle
- Plastic bearing
- Plastic head and Die-cast lever for strength, longevity and consistent performance
- Continuous stainless steel water passage from bearing inlet to nozzle discharge for unobstructed flow
- Exclusive "Quick Change Bearing"
- Accepts standard straight bore, high uniformity and flow control nozzles
- T-Ring style bearing for proven dependability

Model G50-23 Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	62 0.85	64 1.29	74 1.71	72 2.25
30	64 0.93	68 1.41	75 1.83	76 2.46
35	66 1.02	72 1.54	76 2.03	78 2.67
40	65 1.09	72 1.64	76 2.18	78 2.81
45	64 1.16	72 1.75	76 2.32	78 3.03
50	64 1.22	73 1.81	77 2.44	80 3.20
55	64 1.29	74 1.94	78 2.57	82 3.37
60	65 1.35	74 2.03	78 2.69	82 3.51
65	66 1.41	74 2.12	78 2.81	82 3.65

Model G50-23 Nozzle Performance

Nozzle	9/64"	5/32"	11/64"	3/16"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	77 2.94	82 3.54	82 4.26	85 5.07
30	78 3.14	82 3.89	82 4.72	86 5.49
35	80 3.38	82 4.16	84 5.04	88 6.07
40	82 3.63	82 4.46	86 5.40	90 6.34
45	82 3.89	84 4.75	86 5.72	92 6.84
50	82 4.02	86 4.93	86 5.98	94 7.05
55	85 4.28	86 5.25	86 6.32	96 8.54
60	86 4.38	86 5.41	86 6.53	98 7.71
65	88 4.69	88 5.76	88 6.85	99 8.22

½" Impact Sprinklers – Full Circle



Model

G50-23V Plastic Series (Wedge Drive)

- Full circle impact – 23° trajectory
- ½" Male N.P.T. – Single Nozzle
- Plastic bearing
- Plastic head and Die-cast lever for strength, longevity and consistent performance
- Continuous stainless steel water passage from bearing inlet to nozzle discharge for unobstructed flow
- Exclusive “Quick Change Bearing”
- Accepts standard straight bore, high uniformity and flow control nozzles
- Improved wedge design for more uniform coverage and rotation speed
- Double bridge lever construction for added strength and protection of wedge alignment
- New design allows micro sprinkler flow rates
- T-Ring style bearing for proven dependability

Model G50-23V

Nozzle	#55	1/16"	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM					
25	62 0.33	66 0.54	62 0.85	64 1.29	74 1.71	72 2.25
30	65 0.38	68 0.60	64 0.93	68 1.41	75 1.83	76 2.46
35	68 0.43	70 0.67	66 1.02	72 1.54	76 2.03	78 2.67
40	66 0.47	69 0.72	65 1.09	72 1.64	76 2.18	78 2.81
45	64 0.51	68 0.77	64 1.16	72 1.75	76 2.32	78 3.03
50	64 0.54	67 0.82	64 1.22	73 1.81	77 2.44	80 3.20
55	64 0.57	66 0.86	64 1.29	74 1.94	78 2.57	82 3.37
60	61 0.60	65 0.90	65 1.35	74 2.03	78 2.69	82 3.51
65	58 0.62	64 0.93	66 1.41	74 2.12	78 2.81	82 3.65

½" Impact Sprinklers – Full Circle



Model

G50-LA Low Angle

- Full circle impact - available with 7° or 15° trajectory
- ½" Male N.P.T. – Single Nozzle
- Plastic bearing standard or brass bearing optional ½" & ¾"
- Plastic head with die cast lever for strength, longevity and consistent performance
- Continuous stainless steel water passage from bearing inlet to nozzle discharge for unobstructed flow
- Exclusive "Quick Change Bearing"
- Unique construction reduces theft potential
- Accepts standard straight bore, high uniformity and flow control nozzles
- T-Ring style bearing for proven dependability

Model G50-7° Nozzle Performance

Nozzle	5/64"		3/32"		7/64"		1/8"	
PSI	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM
25	44	0.86	48	1.24	44	1.74	48	2.26
30	48	0.95	50	1.38	46	1.94	52	2.48
35	50	1.03	52	1.52	48	2.09	56	2.69
40	54	1.11	54	1.62	52	2.23	58	2.88
45	56	1.18	56	1.75	54	2.38	60	3.08
50	58	1.26	58	1.82	56	2.51	62	3.23
55	60	1.32	60	1.91	58	2.63	64	3.38
60	62	1.38	62	1.98	60	2.75	64	3.52
65	62	1.44	64	2.08	62	2.85	66	3.66
70	64	1.50	66	2.16	66	2.96	68	3.81

Model G50-15° Nozzle Performance

Nozzle	5/64"		3/32"		7/64"		1/8"	
PSI	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM
25	60	0.75	58	1.24	62	1.73	64	2.26
30	64	0.79	62	1.38	64	1.94	68	2.49
35	66	0.86	64	1.49	68	2.09	70	2.70
40	66	1.12	66	1.60	70	2.24	72	2.88
45	66	1.19	68	1.71	72	2.38	74	3.05
50	66	1.25	70	1.81	74	2.51	74	3.23
55	68	1.32	72	1.90	76	2.64	76	3.38
60	68	1.38	72	1.97	76	2.75	76	3.53
65	68	1.44	74	2.07	78	2.86	78	3.67
70	68	1.50	76	2.15	80	2.97	80	3.81

½" Impact Sprinklers – Full Circle



Model

G50-LAV Low Angle Wedge Drive

- Full Circle Impact -Low angle-available with 7° or 15° trajectory
- ½" Male N.P.T. - Single Nozzle
- Plastic bearing standard or brass bearing optional ½" & ¾"
- Plastic head with die cast lever for strength, longevity and consistent performance
- Continuous stainless steel water passage from bearing inlet to nozzle discharge for unobstructed flow
- Exclusive "Quick Change Bearing"
- Accepts standard straight bore, high uniformity and flow control nozzles
- Improved wedge design for more uniform coverage and rotation speed
- Double Bridge lever construction for added strength and protection of wedge alignment
- New design allows micro sprinkler flow rates.
- T-Ring style bearing for dependability

Model G50-LAV-7° Nozzle Performance

Nozzle	5/64"		3/32"		7/64"		1/8"	
PSI	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM
25		44 0.86		48 1.24		44 1.74		48 2.26
30		48 0.95		50 1.38		46 1.94		52 2.48
35		50 1.03		52 1.51		48 2.09		56 2.69
40		54 1.11		54 1.62		52 2.23		58 2.88
45		56 1.18		56 1.75		54 2.38		60 3.08
50		58 1.26		58 1.82		56 2.51		62 3.23
55		60 1.32		60 1.91		58 2.63		64 3.38
60		62 1.38		62 1.98		60 2.75		64 3.52
65		62 1.44		64 2.08		62 2.85		66 3.66
70		64 1.50		66 2.16		66 2.96		68 3.81

Model G50-LAV-15° Nozzle Performance

Nozzle	5/64"		3/32"		7/64"		1/8"	
PSI	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM
25		60 .072		58 1.24		62 1.73		64 2.26
30		64 0.79		62 1.38		64 1.94		68 2.49
35		66 0.86		64 1.49		68 2.09		70 2.70
40		66 1.12		66 1.60		70 2.24		72 2.88
45		66 1.19		68 1.71		72 2.38		74 3.05
50		66 1.25		70 1.81		74 2.51		74 3.23
55		68 1.32		72 1.90		76 2.64		76 3.38
60		60 1.38		72 1.97		76 2.75		76 3.53
65		68 1.44		74 2.07		78 2.86		78 3.67
70		68 1.50		76 2.15		80 2.97		80 3.81

½" Impact Sprinklers – Full Circle



Model

G50-23

- Full circle impact – 23° trajectory
- ½" Male N.P.T.- Single nozzle
- Plastic bearing standard or brass bearing optional
½" & ¾"
- Die-cast head and lever for strength, longevity
and consistent performance
- Continuous stainless steel water passage from
bearing inlet to nozzle discharge for
unobstructed flow
- Exclusive "Quick Change Bearing"
- Unique construction reduces theft potential
- Accepts standard straight bore, high uniformity
and flow control nozzles
- T-Ring style bearing for proven dependability

Model G50-23 Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	62 0.85	64 1.29	74 1.71	72 2.25
30	64 0.93	68 1.41	75 1.83	76 2.46
35	66 1.02	72 1.54	76 2.03	78 2.67
40	65 1.09	72 1.64	76 2.18	78 2.81
45	64 1.16	72 1.75	76 2.32	78 3.03
50	64 1.22	73 1.81	77 2.44	80 3.20
55	64 1.29	74 1.94	78 2.57	82 3.37
60	65 1.35	74 2.03	78 2.69	82 3.51
65	66 1.41	74 2.12	78 2.81	82 3.65

Model G50-23 Nozzle Performance

Nozzle	9/64"	5/32"	11/64"	3/16"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	77 2.94	82 3.54	82 4.26	85 5.07
30	78 3.14	82 3.89	82 4.72	86 5.49
35	80 3.38	82 4.16	84 5.04	88 6.07
40	82 3.63	82 4.46	86 5.40	90 6.34
45	82 3.89	84 4.75	86 5.72	92 6.84
50	82 4.02	86 4.93	86 5.98	94 7.05
55	85 4.28	86 5.25	86 6.32	96 8.54
60	86 4.38	86 5.41	86 6.53	98 7.71
65	88 4.69	88 5.76	88 6.85	99 8.22

½" Impact Sprinklers – Full Circle



Model

G50-23V Wedge Drive

- Full circle impact – 23° trajectory
- ½" Male N.P.T.- Single nozzle
- Plastic bearing standard or brass bearing optional
½" & ¾"
- Die-cast head and lever for strength, longevity
and consistent performance
- Continuous stainless steel water passage from
bearing inlet to nozzle discharge for
unobstructed flow
- Exclusive "Quick Change Bearing"
- Unique construction reduces theft potential
- Accepts standard straight bore, high uniformity
and flow control nozzles
- Improved wedge design for more uniform
coverage and rotation speed
- Double bridge lever construction for added
strength and protection of wedge alignment
- New design allows micro sprinkler flow rates
- T-Ring style bearing for proven dependability

Model G50-23V Nozzle Performance

Nozzle	#55	1/16"	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM					
25	62 0.33	66 0.54	62 0.85	64 1.29	74 1.71	72 2.25
30	65 0.38	68 0.60	64 0.93	68 1.41	75 1.83	76 2.46
35	68 0.43	70 0.67	66 1.02	72 1.54	76 2.03	78 2.67
40	66 0.47	69 0.72	65 1.09	72 1.64	76 2.18	78 2.81
45	64 0.51	68 0.77	64 1.16	72 1.75	76 2.32	78 3.03
50	64 0.54	67 0.82	64 1.22	73 1.81	77 2.44	80 3.20
55	64 0.57	66 0.86	64 1.29	74 1.94	78 2.57	82 3.37
60	61 0.60	65 0.90	65 1.35	74 2.03	78 2.69	82 3.51
65	58 0.62	64 0.93	66 1.41	74 2.12	78 2.81	82 3.65

½" Impact Sprinklers – Full Circle



Model

10-02

- Full circle impact – 0° trajectory
- ½" Male N.P.T.-Dual nozzle
- Cast bronze head with hydraulically balanced, cored water passages and double bridge construction
- Cast bronze lever with I-Beam construction for added strength. Wide area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring and bearing spring for long wearing durability
- Standard nozzle pressure range : 20 to 40 PSI
- T-Ring style bearing for proven dependability

Model 10-02 Nozzle Performance

Nozzle	Plugx3/32"	Plugx7/64"	Plugx1/8"	3/32x3/32"	7/64x3/32"	7/64x7/64"	1/8x3/32"	Plugx5/32"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
20	30 1.12	32 1.53	34 2.01	41 2.26	42 2.64	42 2.95	43 3.07	36 3.18
25	32 1.25	34 1.71	36 2.25	45 2.53	446 2.95	46 3.29	47 3.43	38 3.54
30	34 1.37	36 1.88	37 2.46	48 2.76	49 3.22	49 3.60	50 3.75	39 3.86
35	35 1.49	37 2.03	38 2.65	5 2.98	52 3.48	52 3.89	53 4.04	40 4.16
40	36 1.59	38 2.17	39 2.83	53 3.18	54 3.71	54 4.15	55 4.32	41 4.43
45	37 1.69	38 2.30	39 3.00	54 3.37	55 3.94	55 4.40	56 4.58	41 4.69
50	37 1.79	39 2.43	40 3.17	55 3.55	56 4.14	56 4.64	57 4.83	42 4.94
55	38 1.87	39 2.55	40 2.32	56 3.72	57 4.34	57 4.86	58 5.05	42 5.17
60	38 1.96	40 2.66	41 3.46	57 3.89	58 4.53	58 5.07	59 5.27	43 5.39

Model 10-02 Nozzle Performance

Nozzle	1/8x7/64	9/64x7/64	9/64x1/8	5/32x1/8	5/32x9/64	11/64x9/64	11/64x5/32	3/16x5/32
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
20	43 3.37	44 3.85	44 4.27	45 4.77	45 5.24	46 5.79	46 6.33	48 6.94
25	47 3.77	48 4.30	48 4.77	49 5.34	49 5.87	50 6.48	50 7.07	52 7.75
30	50 4.12	51 4.71	51 5.23	52 5.85	52 6.44	53 7.12	53 7.73	55 8.48
35	53 4.45	54 5.08	54 5.65	55 6.33	55 6.97	56 7.70	56 8.34	58 9.15
40	55 4.75	56 5.43	56 6.04	57 6.77	57 7.46	58 8.25	58 8.91	60 9.77
45	56 5.04	57 5.76	57 6.41	58 7.18	58 7.92	59 8.76	59 9.44	61 10.36
50	57 5.31	58 6.07	58 6.76	59 7.57	59 8.35	60 9.24	60 9.94	62 10.91
55	58 5.57	59 6.36	59 7.09	60 7.95	60 8.77	61 9.71	61 10.42	63 11.43
60	59 5.81	60 6.64	60 7.40	61 8.30	61 9.17	62 10.15	62 10.88	64 11.93

3/4" Impact Sprinklers – Full Circle



Model

10-03

- Full circle impact – 0° trajectory
- 3/4" Male N.P.T.-Dual nozzle
- Cast bronze head with hydraulically balanced, cored water passages and double bridge construction
- Cast bronze lever with I-Beam construction for added strength. Wide area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring and bearing spring for long wearing durability
- Standard nozzle pressure range : 20 to 40 PSI
- T-Ring style bearing for proven dependability

Model 10-03 Nozzle Performance

Nozzle	Plugx5/32	Plugx11/64	Plugx3/16	Plugx13/64	Plugx7/32	Plugx15/64	Plugx1/4
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
10	32 2.2	33 2.89	34 3.2	36 3.8	37 4.3	38 5.0	39 5.9
15	37 2.7	38 3.4	39 3.9	41 4.6	42 5.3	43 6.1	44 7.1
20	42 3.1	43 3.8	45 4.5	46 5.3	47 6.1	48 7.0	49 8.2
25	43 3.5	44 4.3	46 5.0	47 6.0	48 6.8	50 7.8	51 9.1
30	45 3.8	46 4.7	48 5.4	49 6.5	50 7.5	51 8.5	52 9.9
35	47 4.1	48 5.0	49 6.2	51 7.0	52 8.1	53 9.1	54 10.7
40	48 4.4	49 5.4	51 6.2	52 7.5	53 8.7	55 9.8	56 11.4
45	49 4.7	50 5.7	52 6.6	53 8.0	54 9.2	56 10.3	57 12.1
50	50 4.9	51 6.0	53 6.9	54 8.4	55 9.7	56 10.9	58 12.8

Model 10-03 Nozzle Performance

Nozzle	3/16x5/32	13/64x11/74	7/32x3/16	15/64x13/64	1/4x7/32	17/64x15/64	9/32x1/4
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
10	44 5.4	44 6.5	44 7.5	44 8.1	44 9.2	43 10.3	41 11.7
15	51 6.6	51 8.0	51 9.2	51 10.0	52 11.2	51 12.7	50 14.3
20	58 7.6	59 9.2	59 10.6	59 11.5	60 12.9	60 14.7	60 16.6
25	61 8.5	62 10.2	62 11.8	63 12.9	63 14.4	64 16.4	64 18.6
30	64 9.3	65 11.2	65 13.0	66 14.1	68 15.7	68 18.1	68 20.4
35	68 10.1	68 12.1	68 14.0	69 15.2	71 16.9	71 19.5	72 22.0
40	70 10.8	71 12.9	71 14.9	72 16.3	73 18.1	74 20.9	77 23.6
45	71 11.4	72 13.6	72 15.8	74 17.3	75 19.2	75 22.2	78 25.0
50	72 12.0	74 14.3	74 16.7	75 18.2	77 20.2	77 23.5	80 26.4

½" Impact Sprinklers – Full Circle



Model

10-10

- Full circle impact – 23° trajectory
- ½" Male N.P.T.-Single nozzle
- Cast-bronze head with cored water passage and double bridge construction
- Wedge driven, die-cast lever with I-Beam construction for small nozzle sizes and fast rotation speed
- Stainless steel spindle, fulcrum pin, wedge pin, lever spring and bearing spring for long wearing durability
- T-Ring style bearing for proven dependability
- Designed for overhead frost protection and low precipitation rate application

Model 10-10 Standard Nozzle Performance

Nozzle	1/16"	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM				
30	61 0.58	65 0.97	69 1.41	73 1.89	76 2.41
35	62 0.64	66 1.05	70 1.52	73 2.04	77 2.61
40	63 0.69	67 1.13	71 1.63	74 2.18	77 2.79
45	64 0.74	68 1.20	72 1.73	75 2.31	78 2.96
50	65 0.78	69 1.26	73 1.83	76 2.44	79 3.13
55	66 0.83	70 1.33	74 1.92	77 2.56	80 3.28
60	67 0.87	71 1.39	75 2.01	78 2.67	81 3.43
65	68 0.91	72 1.45	76 2.09	78 2.78	82 3.57
70	69 0.95	73 1.51	77 2.18	79 2.89	82 3.71

½" Impact Sprinklers – Full Circle



Model

10-20

- Full circle impact – 23° trajectory
- ½" Male N.P.T.-Single nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- Die-cast lever with I-Beam construction for added strength
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- T-Ring style bearing for proven dependability
- Designed for most solid-set and portable application
- Also available in ¾" Male N.P.T.
- Available with adjustable nozzle

Model 10-20 Standard Nozzle Performance

Nozzle	3/32"	#39	7/64"	1/8"	9/64"
PSI	Dia. GPM				
25	67 1.28	68 1.44	69 1.72	71 2.20	74 2.83
30	69 1.41	70 1.58	71 1.89	74 2.41	77 3.11
35	70 1.52	71 1.69	73 2.04	76 2.61	79 3.36
40	71 1.63	72 1.81	74 2.18	77 2.79	80 3.60
45	72 1.73	73 1.91	75 2.31	78 2.96	81 3.82
50	73 1.83	74 2.01	76 2.44	79 3.13	82 4.03
55	74 1.92	75 2.10	77 2.56	80 3.28	83 4.23
60	75 2.01	76 2.19	78 2.67	81 3.43	84 4.43
65	76 2.09	77 2.27	79 2.78	82 3.57	85 4.61
70	77 2.18	78 2.35	80 2.89	83 3.71	86 4.79

½" Impact Sprinklers – Full Circle



Model

10-20L Low Angle

- Full circle impact – Low angle – available with 7°, 12°, 15°, 18°, or 20° low angle nozzle
- ½" Male N.P.T.-Single nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Stainless steel spindle, fulcrum pin, lever spring and bearing spring for long-wearing durability
- T-Ring style bearing for proven dependability
- Designed for intermediate nozzle sizes for use in dairy washing and under-tree application
- Available in ¾" Male N.P.T.
- Specify nozzle angle when ordering

Model 10-20L-7° Nozzle Performance (Nominal stream height 2.5' above nozzle @ normal pressure)

Nozzle	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"
PSI	Dia. GPM					
25	57 1.65	58 2.13	60 2.66	61 3.26	62 3.90	63 4.61
30	58 1.80	59 2.32	61 2.91	62 3.56	63 4.26	64 5.03
35	59 1.94	60 2.51	62 3.14	63 3.83	64 4.59	65 5.42
40	60 2.08	61 2.71	63 3.35	64 4.09	65 4.90	66 5.78
45	61 2.20	62 2.87	64 3.54	65 4.33	66 5.18	67 6.11
50	62 2.32	63 3.02	65 3.73	66 4.55	67 5.45	68 6.43
55	63 2.43	64 3.17	66 3.90	67 4.77	68 5.71	69 6.73
60	64 2.53	65 3.31	67 4.07	68 4.97	69 5.95	70 7.02

Model 10-20L-12° Nozzle Performance (Nominal stream height 4' above nozzle @ normal pressure)

Nozzle	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"
PSI	Dia. GPM					
25	58 1.66	59 2.14	61 2.67	64 3.25	66 3.88	68 4.57
30	59 1.82	60 2.34	62 2.92	65 3.56	67 4.26	69 5.01
35	60 1.97	61 2.53	63 3.16	66 3.85	68 4.60	70 5.42
40	61 2.10	62 2.71	64 3.38	67 4.12	69 4.92	71 5.80
45	62 2.23	63 2.87	65 3.58	68 4.37	70 5.23	72 6.16
50	63 2.35	64 3.02	67 3.78	69 4.61	71 5.51	73 6.49
55	64 2.47	66 3.17	68 3.96	70 4.83	72 5.78	74 6.81
60	65 2.58	67 3.31	69 4.14	71 5.05	73 6.04	75 7.12

Model 10-20L-20° Nozzle Performance (Nominal stream height 5' above nozzle @ normal pressure)

Nozzle	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"
PSI	Dia. GPM					
25	60 1.67	62 2.17	63 2.74	66 3.36	68 4.05	70 4.81
30	61 1.84	63 2.38	64 3.00	67 3.69	69 4.44	71 5.27
35	62 1.99	64 2.58	66 3.24	68 3.98	70 4.80	72 5.69
40	63 2.13	65 2.76	67 3.47	69 4.26	71 5.13	73 6.08
45	64 2.26	66 2.93	68 3.68	70 4.52	72 5.44	74 6.45
50	65 2.38	68 3.09	69 3.88	71 4.77	73 5.74	75 6.80
55	67 2.50	69 3.24	70 4.08	72 5.00	74 6.02	76 7.13
60	68 2.61	70 3.39	71 4.26	73 5.22	75 6.29	77 7.44

½" Impact Sprinklers – Full Circle

**Model****10-22**

- Full circle impact – 23° trajectory
- ½" Male N.P.T.-Dual nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- Die-cast lever with I-Beam construction for added strength
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- T-Ring style bearing for proven dependability
- Designed for increased precipitation rate and slightly increased spacing
- Also available in ¾" Male N.P.T.

Model 10-22-7° Standard Nozzle Performance (Nominal stream height 7' above nozzle @ normal pressure)

Nozzle	7/64x3/32	1/8x3/32	9/64x3/32	5/32x3/32	11/64x3/32	3/16x3/32
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	71 3.05	74 3.48	77 4.10	79 4.70	81 5.44	83 6.14
30	72 3.29	75 3.84	78 4.50	80 5.18	82 5.97	84 6.78
35	73 3.59	76 4.17	79 4.87	81 5.61	83 6.47	85 7.43
40	74 3.87	77 4.51	80 5.29	82 6.02	84 6.94	86 7.95
45	75 4.12	78 4.81	81 5.60	83 6.40	85 7.37	87 8.44
50	76 4.33	79 5.06	82 5.94	84 6.80	86 7.80	87 8.95
55	77 4.53	80 5.30	83 6.23	85 7.13	87 8.19	88 9.35

½" Impact Sprinklers – Full Circle



Model

10-22L Low Angle

- Full circle impact – Low angle-available with 7°, 12°, 15°, 18°, or 20° low angle nozzle
- ½" Male N.P.T.-dual nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- T-Ring style bearing for proven dependability
- Designed for intermediate nozzle sizes for use in dairy washing and under-tree application
- Also available in 3' Male N.P.T.
- Specify nozzle angle when ordering

Model 10-22L-7° Nozzle Performance (Nominal stream height 2.5' above nozzle @ normal pressure)

Nozzle	7/64x3/32	1/8x3/32	9/64x3/32	5/32x3/32	11/64x3/32	3/16x3/32
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	51 2.96	53 3.44	55 3.67	57 4.21	58 4.82	59 5.75
30	52 3.22	54 3.75	56 4.08	57 4.63	59 5.27	60 6.36
35	53 3.49	54 4.02	57 4.27	58 4.96	59 5.78	61 7.00
40	53 3.75	55 4.22	57 4.77	59 5.22	60 6.04	62 7.50
45	54 3.92	56 4.45	58 4.91	59 5.47	61 6.38	62 7.96
50	54 4.13	57 4.87	59 5.58	60 5.95	62 6.66	63 8.44
55	55 4.38	57 5.05	59 5.98	61 6.23	62 7.09	64 8.82

Model 10-22L-12° Nozzle Performance (Nominal stream height 4' above nozzle @ normal pressure)

Nozzle	7/64x3/32	1/8x3/32	9/64x3/32	5/32x3/32	11/64x3/32	3/16x3/32
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	55 3.00	57 3.45	60 3.92	61 4.36	63 4.96	64 5.91
30	56 3.25	58 3.78	61 4.19	62 4.77	64 5.59	65 6.43
35	57 3.52	59 4.06	61 4.42	63 5.20	64 5.98	66 7.17
40	57 3.77	60 4.38	62 4.92	63 5.41	65 6.31	67 7.66
45	58 3.93	61 4.49	63 5.09	64 5.58	66 6.63	68 8.11
50	59 4.17	61 4.92	64 5.65	65 6.11	67 7.06	69 8.62
55	60 4.37	62 5.12	64 6.04	66 6.39	68 7.51	69 9.00

Model 10-22L-20° Nozzle Performance (Nominal stream height 5' above nozzle @ normal pressure)

Nozzle	7/64x3/32	1/8x3/32	9/64x3/32	5/32x3/32	11/64x3/32	3/16x3/32
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	58 3.03	60 3.47	63 3.99	64 4.55	66 5.16	67 5.98
30	58 3.27	61 3.81	63 4.35	65 4.91	67 5.82	68 6.61
35	59 3.55	62 4.11	64 4.64	66 5.32	67 6.19	69 7.25
40	60 3.83	63 4.38	65 5.12	67 5.50	68 6.60	70 7.70
45	61 3.97	63 4.58	66 5.33	67 5.83	69 6.97	71 8.18
50	62 4.22	64 4.96	67 5.82	68 6.27	70 7.38	71 8.71
55	62 4.43	65 5.20	67 6.12	69 6.66	71 7.75	72 9.11

½" Impact Sprinklers – Full Circle



Model

10-26

- Full circle impact - 23° trajectory
- ½" Male N.P.T.-Single nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- Extended water passage for greater diameter
- Cast-bronze lever with I-Beam construction for added strength
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- T-Ring style bearing for proven dependability
- Designed especially for portable or solid-set pasture and row-crop application

Model 10-26 Standard Nozzle Performance (Nominal stream height 7' above nozzle @ normal pressure)

Nozzle	1/8"	6/64"	5/32"	11/64"	3/16"
PSI	Dia. GPM				
25	76 2.46	80 2.91	84 3.54	86 4.26	89 5.01
30	77 2.68	81 3.27	85 3.89	87 4.65	90 5.57
35	78 2.77	82 3.45	86 4.16	88 5.04	91 6.07
40	79 2.96	83 3.68	87 4.48	89 5.39	92 6.41
45	80 3.13	84 3.89	88 4.75	90 5.72	93 6.84
50	81 3.29	85 4.10	89 5.02	91 6.03	94 7.22
55	82 3.45	86 4.29	90 5.25	92 6.32	95 7.54
60	83 3.59	87 4.41	91 5.48	93 6.58	96 7.85
65	84 4.75	88 4.72	92 5.76	94 6.85	97 8.22
70	85 3.87	89 4.88	93 6.00	95 7.10	98 8.51

3/4" Impact Sprinklers – Full Circle



Model

G75-23

- Full circle impact – 23° trajectory
- ¾" Male N.P.T. – Single nozzle brass bearing standard
- Die-cast head and lever for strength, longevity and consistent performance
- Continuous stainless steel water passage from bearing inlet to nozzle discharge for unobstructed flow
- Exclusive "Quick Change Bearing"
- Unique construction reduces theft potential
- Accepts standard straight bore, high uniformity and flow control nozzles
- T-Ring style bearing for proven dependability

Model G75-23 Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	62 0.85	64 1.29	74 1.71	72 2.25
30	64 0.93	68 1.41	75 1.83	76 2.46
35	66 1.02	72 1.54	76 2.03	78 2.67
40	65 1.09	72 1.64	76 2.18	78 2.81
45	64 1.16	72 1.75	76 2.32	78 3.03
50	64 1.22	73 1.81	77 2.44	80 3.20
55	64 1.29	74 1.94	78 2.57	82 3.37
60	65 1.35	74 2.03	78 2.69	82 3.51
65	66 1.41	74 2.12	78 2.81	82 3.65

Model G75-23 Nozzle Performance

Nozzle	9/64"	5/32"	11/64"	3/16"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	77 2.94	82 3.54	82 4.26	85 5.07
30	78 3.14	82 3.89	82 4.72	86 5.49
35	80 3.38	82 4.16	84 5.04	88 6.07
40	82 3.63	82 4.46	86 5.40	90 6.34
45	82 3.89	84 4.75	86 5.72	92 6.84
50	82 4.02	86 4.93	86 5.98	94 7.05
55	85 4.28	86 5.25	86 6.32	96 8.54
60	86 4.38	86 5.41	86 6.53	98 7.71
65	88 4.69	88 5.76	88 6.85	99 8.22

3/4" Impact Sprinklers – Full Circle



Model

10-30

- Full circle impact – 23° trajectory
- ¾" Male N.P.T.-Single nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- T-Ring style bearing for proven dependability
- Designed as an all-purpose single-nozzle intermediate sprinkler
- Suitable for pasture, row-crop, overhead-orchard, and a wide variety of other applications

Model 10-30 Standard Nozzle Performance (Nominal stream height 7' above @ normal pressure)

Nozzle	1/8"		9/64"		5/32"		11/64"	
PSI	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM
35	80	2.66	82	3.35	87	4.13	90	4.98
40	81	2.84	83	3.59	88	4.41	92	5.33
45	82	3.02	84	3.80	89	4.68	93	5.65
50	83	3.18	85	4.01	90	4.94	94	5.96
55	84	3.34	86	4.21	91	5.18	95	6.25
60	85	3.48	87	4.39	92	5.41	96	6.52
65	86	3.63	88	4.57	93	5.63	97	6.79
70	87	3.76	89	4.75	94	5.84	98	7.05
75	88	3.90	90	4.91	95	6.05	99	7.29
80	89	4.02	91	5.07	96	6.24	100	7.53

Model 10-30 Standard Nozzle Performance (Nominal stream height 7' above @ normal pressure)

Nozzle	3/16"		13/64"		7/32"		15/64"		1/4"	
PSI	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM
35	94	5.92	98	6.93	101	8.02	103	9.19	105	10.44
40	96	6.33	101	7.41	104	8.57	106	9.83	109	11.16
45	98	6.71	103	7.86	106	9.09	109	10.42	112	11.83
50	100	7.07	105	8.28	108	9.58	112	10.98	115	12.47
55	101	7.42	107	8.68	110	10.05	114	11.51	118	13.08
60	102	7.75	108	9.07	111	10.50	116	12.03	120	13.66
65	103	8.06	109	9.44	112	10.92	117	12.51	121	14.21
70	104	8.37	110	9.79	113	11.33	118	12.99	122	14.75
75	105	8.66	111	10.14	114	11.73	119	13.44	123	15.26
80	106	8.94	112	10.47	115	12.12	120	13.88	124	15.76

3/4" Impact Sprinklers – Full Circle



Model

10-30D Dual Nozzle

- Full circle impact – 23° trajectory
- ¾" Male N.P.T.-Dual nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- T-Ring style bearing for proven dependability
- Designed as an all-purpose dual-nozzle intermediate sprinkler
- Suitable for pasture, row-crop, overhead-orchard, and a wide variety of other applications

Model 10-30D Dual Standard Nozzle Performance (Nominal stream height 7' above nozzle normal pressure)

Nozzle	1/8 x 3/32-7°	9/64 x 3/32-7°	5/32 x 3/32-7°	11/64 x 3/32-7°	11/64 x 1/8-20°
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
35	80 4.19	82 4.87	87 5.62	90 6.44	90 7.64
40	81 4.47	83 5.19	88 6.00	92 6.89	92 8.16
45	82 4.73	84 5.51	89 6.37	93 7.32	93 8.64
50	83 4.98	85 5.80	90 6.71	94 7.71	94 9.10
55	84 5.22	86 6.08	91 7.04	95 8.09	95 9.54
60	85 5.45	87 6.35	92 7.35	96 8.45	96 9.95
65	86 5.66	88 6.60	93 7.65	97 8.80	97 10.35
70	87 5.87	89 6.84	94 7.93	98 9.13	98 10.73
75	88 6.07	90 7.08	95 8.21	99 9.46	99 11.10
80	89 6.26	91 7.32	96 8.48	100 9.78	100 11.46

Model 10-30D Dual Standard Nozzle Performance (Nominal stream height 7' above nozzle normal pressure)

Nozzle	3/16 x 1/8-20°	13/64 x 1/8-20°	7/32 x 1/8-20°	15/64 x 1/8-20°	1/4 x 1/8-20°
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
35	94 8.54	98 9.54	101 10.58	103 11.71	105 12.91
40	96 9.12	101 10.16	104 11.28	106 12.48	109 13.75
45	98 9.66	103 10.76	106 11.94	109 13.20	112 14.54
50	100 10.17	105 11.32	108 12.56	112 13.88	115 15.29
55	101 10.65	107 11.86	110 13.15	114 14.53	118 15.99
60	102 11.11	108 12.36	111 13.71	116 15.15	120 16.67
65	103 11.55	109 12.85	112 14.25	117 15.74	121 17.32
70	104 11.98	110 13.32	113 14.76	118 16.30	122 17.94
75	105 12.39	111 13.78	114 15.26	119 16.85	123 18.53
80	106 12.79	112 14.21	115 15.75	120 17.38	124 19.11

3/4" Impact Sprinklers – Full Circle



Model

10-30LD Low Angle Dual Nozzle

- Full circle impact - 15° trajectory
- $\frac{3}{4}$ " Male N.P.T.-Dual nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- T-Ring style bearing for proven dependability
- Designed for pivot or linear systems
- Exceptional where wind conditions cause excessive drift

Model 10-30LD 15° Single Standard Nozzle Performance (Nominal stream height 4' above nozzle @normal pressure)

Nozzle	9/64"	5/32"	11/64"	3/16"	13/64"	7/32"	15/64"	1/4"
PSI	Dia. GPM							
35	77 3.39	78 4.15	79 5.03	80 6.00	81 7.19	82 8.42	83 9.36	84 10.69
40	78 3.62	79 4.44	80 5.37	81 6.41	82 7.63	83 8.91	84 9.99	85 11.42
45	79 3.84	80 4.72	81 5.70	82 6.80	83 8.05	84 9.37	85 10.58	86 12.10
50	80 4.04	81 4.98	82 6.00	83 7.16	84 8.44	85 9.80	86 11.13	87 12.75
55	81 4.23	82 5.23	83 6.29	84 7.51	85 8.81	86 10.21	87 11.66	88 13.36
60	82 4.42	83 5.46	84 6.56	85 7.84	86 9.17	87 10.60	88 12.17	89 13.94
65	83 4.60	84 5.69	85 6.83	86 8.16	87 9.50	88 10.97	89 12.65	90 14.50
70	84 4.77	85 5.91	86 7.08	87 8.47	88 9.83	89 11.32	90 13.11	91 15.04
75	85 4.93	86 6.12	87 7.33	88 8.76	89 10.14	90 11.66	91 13.56	92 15.56
80	86 5.09	87 6.33	88 7.56	89 9.05	90 10.44	91 11.99	92 13.99	93 16.06

Model 10-30LD 15° Dual Standard Nozzle Performance (Nominal stream height 4' above nozzle @normal pressure)

Nozzle	9/64x 3/32-7°	5/32x 3/32-7°	11/64x 3/32-7°	3/16x 1/8-20°	13/64x 1/8-20°	7/32x 1/8-20°	15/64x 1/8-20°	1/4x 1/8-20°
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
35	77 4.86	78 5.72	79 6.59	80 9.00	81 10.08	82 11.24	83 12.64	84 13.59
40	78 5.19	79 6.11	80 7.03	81 9.58	82 10.75	83 11.96	84 13.45	85 14.52
45	79 5.50	80 6.48	81 7.45	82 10.12	83 11.37	84 12.63	85 14.20	86 15.39
50	80 5.79	81 6.83	82 7.84	83 10.63	84 11.95	85 13.27	86 14.91	87 16.21
55	81 6.07	82 7.16	83 8.22	84 11.12	85 12.51	86 13.87	87 15.58	88 16.99
60	82 6.34	83 7.48	84 8.57	85 11.58	86 13.03	87 13.33	88 16.22	89 17.74
65	83 6.60	84 7.78	85 8.91	86 12.02	87 13.54	88 14.99	89 16.83	90 18.36
70	84 6.84	85 8.07	86 9.24	87 12.44	88 14.03	89 15.51	90 17.42	91 19.15
75	85 7.08	86 8.35	87 9.56	88 12.85	89 14.50	90 16.02	92 17.99	92 19.81
80	86 7.31	87 8.62	88 9.87	89 13.24	90 14.95	91 16.51	92 18.53	93 20.45

1" Impact Sprinklers – Full Circle



Model

10-66

- Full circle impact – 23° trajectory
- 1" Male N.P.T.- Dual nozzle
- Cast-bronze head with cored water passages and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- Designed as an all-purpose medium, dual-nozzle, intermediate to high pressure sprinkler
- Unique spreader nozzle drive significantly improves drive and uniformity characteristics
- Ideal for use on tees & greens and other turf areas.
- Available with 1" Female bearing

Model 10-66 Dual Standard Nozzle Performance (Nominal stream height 10' above nozzle @ normal pressure)

Nozzle	11/64x11/64		3/16x11/64		7/32x11/64		1/4x11/64		1/4x3/16	
PSI	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM
45	110	11.4	114	12.5	122	15.1	132	18.8	135	24.1
50	112	12.1	116	13.4	125	16.0	134	18.7	134	19.7
55	112	12.7	118	13.8	127	16.8	137	19.7	137	20.6
60	114	13.3	120	14.4	129	17.4	139	20.6	139	21.5
65	116	13.8	122	15.0	131	18.1	142	21.6	142	22.3
70	118	14.2	124	15.6	134	19.0	145	22.6	145	23.1
75	120	14.6	126	16.1	136	19.7	148	23.4	148	23.8
80	122	15.1	128	16.6	140	20.3	151	24.0	151	24.9

Model 10-66 Dual Standard Nozzle Performance (Nominal stream height 10' above nozzle @ normal pressure)

Nozzle	9/32x3/16		9/32x7/32		5/16x7/32		11/32x7/32		3/8x7/32	
PSI	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM
45	135	21.4	135	24.1	136	27.2	143	30.8	152	33.8
50	139	22.7	140	25.3	149	28.7	149	32.4	157	35.3
55	142	23.9	142	26.7	144	30.3	152	33.9	162	37.1
60	144	25.1	144	28.0	148	31.7	156	35.5	165	38.8
65	147	26.3	147	29.2	153	33.2	161	37.0	169	40.6
70	150	27.4	150	30.5	155	34.5	165	38.6	173	42.2
75	153	28.3	153	31.5	158	35.7	168	40.1	178	43.8
80	156	29.1	156	32.6	161	36.9	172	41.3	182	45.4

1" Impact Sprinklers – Full Circle



Model

10-67

- Full circle impact – 23° trajectory
- Dual nozzle, Straightened-stream standard.
- Specify 1" Male or Female bearing
- Cast-bronze head with cored water passages and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- Designed as an all purpose medium, single-or-dual nozzle, intermediate-to-high pressure sprinkler
- Range nozzle drive permits single-or-dual nozzle application for increased flexibility
- Ideal for solid-set and portable applications where wider spacing is required
- Brass plug is standard. May be ordered with spreader nozzle in sizes 7/64" through 7/32" upon request
- T-Ring style bearing for proven dependability

Model 10-67 15° Single Standard Nozzle Performance (Nominal stream height 10' above nozzle @normal pressure)

Nozzle	7/32"	1/4"	9/32"	5/16"	11/32"	3/8"
PSI	Dia. GPM					
40	121 8.8	128 11.5	130 14.6	132 17.7	136 21.1	145 24.4
45	123 9.4	131 12.2	134 15.5	136 18.9	142 22.5	151 26.0
50	125 9.9	134 12.9	138 16.3	140 20.0	148 23.8	157 27.5
55	127 10.4	136 13.6	141 17.2	144 21.0	152 25.0	161 29.1
60	129 10.9	139 14.2	144 18.0	148 22.0	156 26.2	165 30.6
65	131 11.4	142 14.8	147 18.8	152 23.0	160 27.4	167 32.0
70	134 11.8	145 15.4	150 19.5	155 23.9	164 28.5	173 33.2
75	137 12.2	148 16.0	153 20.3	158 24.8	168 29.6	177 34.5
80	140 12.6	151 16.5	156 20.9	161 25.7	172 30.6	181 35.7

Model 10-67 15° Single Standard Nozzle Performance (Nominal stream height 10' above nozzle @normal pressure)

Nozzle	7/32x11/64	1/4x11/64	1/4x3/16	9/32x3/16	9/32x7/32	5/16x7/32	11/32x7/32	3/8x7/32
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
40	121 14.1	128 16.7	128 17.7	130 20.3	130 22.6	132 25.4	136 28.7	145 31.6
45	123 15.2	131 17.8	131 18.8	134 21.6	134 24.0	136 27.1	142 30.8	151 33.8
50	125 16.0	134 18.8	134 20.0	138 22.8	138 25.4	140 28.7	148 32.4	157 35.5
55	127 16.7	136 19.7	136 21.1	141 24.0	141 26.8	144 30.2	152 34.0	161 37.2
60	129 17.5	139 20.6	139 22.0	144 25.2	144 28.0	148 31.7	156 35.6	165 38.9
65	131 18.2	142 21.7	142 22.9	147 26.3	147 29.2	152 33.1	160 37.1	169 40.6
70	134 19.0	145 22.6	145 23.8	150 27.4	150 30.4	155 34.5	164 38.6	173 42.2
75	137 19.7	148 23.3	148 24.7	153 28.3	153 31.5	158 35.8	168 40.0	177 43.8
80	140 20.3	151 24.0	151 25.5	156 29.2	156 32.6	161 37.0	172 41.3	181 45.4

1 1/4" Impact Sprinklers - Full Circle



Model

10-80

- Full circle impact – range nozzle at 23° trajectory and spreader nozzle at 15° trajectory
- 1 1/4" Male N.P.T.-Dual nozzle with straightened-stream standard
- Cast-bronze head with cored water passages and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- Designed as a large all-purpose single-or-dual-nozzle, intermediate-to-high-pressure sprinkler
- Range nozzle drive permits single-or-dual-nozzle application for increased flexibility
- Used on quick-coupler systems – row crop
- Also useful in any situation which requires extreme diameters or high flow rate, such as pasture, grain and similar applications
- Ideal for waste-water applications

Model 10-80 Single Plain Nozzle Standard Nozzle Performance (Nominal stream height 14' above nozzle @ normal pressure

Nozzle	11/32	3/8	13/32	7/16	15/32	1/2	17/32	9/16	5/8	11/16	3/4
PSI	Dia. GPM	Dia. GPM	Dia. GPM								
60	164 26.4	168 31.6	176 36.8	180 43.1	184 49.0	192 55.3	198 62.5	206 70.4	210 83.8	218 99.6	224 118.5
65	168 27.4	172 32.9	180 38.2	184 44.9	188 51.0	196 57.5	202 65.0	210 73.2	214 87.2	222 103.5	228 123.3
70	172 28.4	176 34.1	184 39.7	188 46.5	192 52.9	200 59.6	206 67.4	214 76.0	218 90.4	226 107.2	232 128.0
75	174 29.4	180 35.2	188 41.0	192 48.1	196 54.7	204 61.6	210 69.8	218 78.6	222 93.5	230 110.8	236 132.4
80	179 30.3	184 36.4	192 42.3	196 49.7	200 56.5	208 63.6	214 72.1	222 81.1	226 96.5	234 114.3	240 136.7
85	180 31.2	188 37.4	196 43.6	200 51.2	204 58.2	212 65.6	218 74.3	226 83.6	230 99.4	238 117.7	244 140.9
90	182 32.1	190 38.5	198 44.8	202 52.7	206 59.8	214 67.4	220 76.4	228 86.0	234 102.2	242 121.0	248 145.0
95	184 32.9	192 39.5	200 46.0	204 54.1	208 61.4	216 69.2	222 78.5	230 88.4	238 104.9	246 124.2	252 148.9
100	186 33.8	194 40.5	202 47.2	206 55.5	210 63.0	218 71.0	224 80.6	232 90.6	242 107.6	250 127.2	256 152.7

Model 10-80 Dual Plain Nozzle Standard Nozzle Performance (Nominal stream height 14' above nozzle @ normal pressure

Nozzle	11/32x7/32	3/8x7/32	13/32x7/32	7/16x7/32	15/32x7/32	1/2x1/4	17/32x1/4	9/16x1/4	5/8x1/4	11/16x1/4	3/4x1/4
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
60	164 36.5	168 41.4	176 46.6	180 51.5	184 57.2	192 67.0	198 72.5	206 80.5	210 95	218 115	224 122
65	168 38.0	172 43.2	180 48.6	184 53	188 59.8	196 70.0	202 75.8	210 84.1	214 99	222 120	228 127
70	172 40.1	176 44.9	184 50.4	188 55.9	192 62.1	200 72.6	206 78.5	214 87.4	218 103	226 124	232 131
75	174 41.0	180 46.7	188 52.4	192 57.9	196 64.3	204 75.4	210 81.6	218 90.7	222 107	230 128	236 135
80	176 42.6	184 48.3	192 54.3	196 60.0	200 66.7	208 78.0	214 84.5	222 93.6	226 110	234 132	240 140
85	180 43.8	188 49.8	196 56.0	200 62.0	204 68.8	212 80.5	218 86.7	226 96.9	230 114	238 137	244 143
90	182 45.7	190 51.4	198 57.9	202 63.9	206 70.7	214 82.6	220 90.0	228 99.5	234 117	242 141	248 147
95	184 46.6	192 53.0	200 59.6	204 65.8	208 72.8	216 85.0	222 92.5	230 102	238 121	246 144	252 152
100	186 47.9	194 54.5	202 61.2	206 67.5	210 74.8	218 87.2	224 94.6	232 105	242 124	250 148	256 156

1/2" Impact Sprinklers – Part Circle



Model

G50 Plastic Series

- Part circle sprinkler available in standard 23° or low angle 7°, and 15° trajectory
- Unit is equipped with all standard features of the G50 Genesis Plastic Series Sprinkler

Model G50-23° Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	31 0.86	32 1.24	37 1.74	36 2.26
30	32 0.95	34 1.38	38 1.94	38 2.48
35	33 1.03	36 1.51	38 2.09	39 2.69
40	33 1.11	36 1.62	38 2.23	39 2.88
45	32 1.18	36 1.72	38 2.38	39 3.08
50	32 1.26	37 1.82	39 2.51	40 3.23
55	32 1.32	37 1.91	39 2.63	41 3.38
60	33 1.38	37 1.98	39 2.75	41 3.52
65	33 1.44	37 2.08	39 2.85	41 3.66

Model G50-15° Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	30 0.72	29 1.24	31 1.73	32 2.26
30	32 0.79	31 1.38	32 1.94	34 2.49
35	33 0.86	32 1.49	34 2.09	35 2.70
40	33 1.12	33 1.60	35 2.24	36 2.88
45	33 1.19	34 1.71	36 2.38	37 3.05
50	33 1.25	35 1.81	37 2.51	37 3.23
55	34 1.32	36 1.90	38 2.64	38 3.38
60	34 1.38	36 1.97	38 2.75	38 3.53
65	34 1.44	37 2.07	39 2.86	39 3.67
70	34 1.50	38 2.15	40 2.97	40 3.81

Model G50-7° Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	22 0.86	24 1.24	22 1.74	24 2.26
30	24 0.95	25 1.38	23 1.94	26 2.48
35	25 1.03	26 1.51	24 2.09	28 2.69
40	27 1.11	27 1.62	26 2.23	29 2.88
45	28 1.18	28 1.72	27 2.38	30 3.08
50	29 1.26	29 1.82	28 2.51	31 3.23
55	30 1.32	30 1.91	29 2.63	32 3.38
60	31 1.38	31 1.98	30 2.75	32 3.52
65	31 1.44	32 2.08	31 2.85	33 3.66
70	32 1.50	33 2.16	33 2.96	34 3.81

1/2" Impact Sprinklers – Part Circle



Model

G50 Genesis Series

- Part circle sprinkler available in standard 23° or low angle 7°, and 15° trajectory
- Unit is equipped with all standard features of the G50 Genesis Plastic Series Sprinkler

Model G50-23° Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	31 0.86	32 1.24	37 1.74	36 2.26
30	32 0.95	34 1.38	38 1.94	38 2.48
35	33 1.03	36 1.51	38 2.09	39 2.69
40	33 1.11	36 1.62	38 2.23	39 2.88
45	32 1.18	36 1.72	38 2.38	39 3.08
50	32 1.26	37 1.82	39 2.51	40 3.23
55	32 1.32	37 1.91	39 2.63	41 3.38
60	33 1.38	37 1.98	39 2.75	41 3.52
65	33 1.44	37 2.08	39 2.85	41 3.66

Model G50-15° Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	30 0.72	29 1.24	31 1.73	32 2.26
30	32 0.79	31 1.38	32 1.94	34 2.49
35	33 0.86	32 1.49	34 2.09	35 2.70
40	33 1.12	33 1.60	35 2.24	36 2.88
45	33 1.19	34 1.71	36 2.38	37 3.05
50	33 1.25	35 1.81	37 2.51	37 3.23
55	34 1.32	36 1.90	38 2.64	38 3.38
60	34 1.38	36 1.97	38 2.75	38 3.53
65	34 1.44	37 2.07	39 2.86	39 3.67
70	34 1.50	38 2.15	40 2.97	40 3.81

Model G50-7° Nozzle Performance

Nozzle	5/64"	3/32"	7/64"	1/8"
PSI	Dia. GPM	Dia. GPM	Dia. GPM	Dia. GPM
25	22 0.86	24 1.24	22 1.74	24 2.26
30	24 0.95	25 1.38	23 1.94	26 2.48
35	25 1.03	26 1.51	24 2.09	28 2.69
40	27 1.11	27 1.62	26 2.23	29 2.88
45	28 1.18	28 1.72	27 2.38	30 3.08
50	29 1.26	29 1.82	28 2.51	31 3.23
55	30 1.32	30 1.91	29 2.63	32 3.38
60	31 1.38	31 1.98	30 2.75	32 3.52
65	31 1.44	32 2.08	31 2.85	33 3.66
70	32 1.50	33 2.16	33 2.96	34 3.81

1/2" Impact Sprinklers – Part Circle



Model

15-20

- Full or part circle impact – adjustable from 25° to 340°
- ½" Male N.P.T. also available in ¾" Male N.P.T.
- Single nozzle – brass straight-bore, tapered nozzle is standard, adjustable nozzle optional
- Cast-bronze head with cored water passage and double-bridge construction
- F/P trip standard
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel parts include spindle, fulcrum pin, trip pins, lever spring, bearing and trip springs, and trip collars
- Designed as a small, all-purpose, full-or-part circle, single-nozzle, intermediate-pressure sprinkler

Model 15-20 Standard Nozzle Performance (Highest point of stream above nozzle is 7' @ normal pressure)

Nozzle	7/64"		1/8"		9/64"		5/32"		11/64"		3/16"	
PSI	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
25	34	1.73	35	2.33	37	2.84	38	3.41	39	4.07	40	4.77
30	35	1.89	37	2.55	38	3.12	40	3.75	41	4.46	42	5.22
35	36	2.04	38	2.76	39	3.37	41	4.05	42	4.82	43	5.64
40	37	2.18	38	2.95	40	3.61	41	4.34	42	5.16	43	6.04
45	37	2.32	39	3.13	40	3.83	42	4.60	43	5.48	44	6.40
50	38	2.44	39	3.30	41	4.04	42	4.86	43	5.78	44	6.75
55	38	2.56	40	3.46	41	4.24	43	5.10	44	6.06	45	7.08
60	39	2.68	40	3.61	42	4.43	43	5.33	44	6.34	45	7.40
65	39	2.79	41	3.76	42	4.61	44	5.55	45	6.60	46	7.70
70	40	2.89	41	3.90	43	4.79	44	5.76	45	6.85	46	7.99

1/2" Impact Sprinklers – Part Circle



Model

15-20L Low Angle

- Full or part circle impact – adjustable from 25° to 340°
- Low-angle available with 7°, 12°, 15°, 18° or 20°
- ½" Male N.P.T. Single nozzle
- Cast-bronze head with cored water passage and double-bridge construction
- F/P trip standard
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel parts include spindle, fulcrum pin, trip pins, lever spring, bearing and trip springs and trip collars
- Designed as a small, all-purpose, low-angle, full-or-part circle, single-nozzle, intermediate-pressure sprinkler
- Perfect companion for all small, low-angle sprinklers where arc of coverage must be adjustable

Model 15-20L-7° Standard Nozzle Performance (Highest point of stream above nozzle is 7' @ normal pressure)

Nozzle	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"
PSI	Rad. GPM					
30	27 1.87	28 2.42	29 3.17	30 3.89	31 4.65	32 5.47
35	28 2.02	29 2.63	30 3.33	31 4.27	32 5.02	33 5.92
40	29 2.22	30 2.86	31 3.70	32 4.55	33 5.38	34 6.34
45	30 2.37	31 3.06	32 3.92	33 4.73	34 5.72	35 6.73
50	31 2.49	32 3.19	33 4.16	34 5.06	35 6.02	36 7.11
55	32 2.62	33 3.35	34 4.35	35 5.33	36 6.31	37 7.46

Model 15-20L-12° Standard Nozzle Performance (Highest point of stream above nozzle is 4' @ normal pressure)

Nozzle	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"
PSI	Rad. GPM					
30	28 1.88	29 2.43	30 3.18	31 3.90	32 4.66	33 5.48
35	29 2.03	30 2.64	31 3.54	32 4.28	33 5.03	34 5.93
40	30 2.23	31 2.87	32 3.71	33 4.56	34 5.39	35 6.35
45	31 2.38	32 3.07	33 3.93	34 4.74	35 5.73	36 6.74
50	32 2.50	33 3.20	34 4.17	35 5.07	36 6.03	37 7.12
55	33 2.63	34 3.36	35 4.36	36 5.34	37 6.32	38 7.47

Model 15-20L-20° Standard Nozzle Performance (Highest point of stream above nozzle is 5' @ normal pressure)

Nozzle	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"
PSI	Rad. GPM					
30	29 1.89	30 2.44	31 3.19	32 3.91	33 4.67	34 5.49
35	30 2.04	31 2.65	32 3.35	33 4.29	34 5.04	35 5.94
40	31 2.24	32 2.88	33 3.72	34 4.57	35 5.40	36 6.36
45	32 2.39	33 3.08	34 3.94	35 4.75	36 5.74	37 6.75
50	33 2.51	34 3.21	35 4.18	36 5.08	37 6.04	38 7.13
55	34 2.64	35 3.37	36 4.37	37 5.35	38 6.33	39 7.48

3/4" Impact Sprinklers – Part Circle



Model

15-30

- Full or Part circle – adjustable from 20° to 340°
- 27° trajectory
- ¾" Male N.P.T.
- Single nozzle – brass straight-bore (Tapered nozzle is standard)
- Cast-bronze head with cored water passage and double-bridge construction
- Full/Part – cast-bronze lower trip with stainless steel pin is standard
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel parts include spindle, fulcrum pin, trip pins, lever spring, bearing and trip springs, and trip collars
- Designed as an all-purpose, full or part circle, single-nozzle, intermediate to high pressure sprinkler
- Perfect companion for all intermediate sprinklers where arc of coverage must be adjustable

Model 15-30 Standard Nozzle Performance (Nominal stream height 9' above nozzle @ normal pressure)

Nozzle	9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
PSI	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM	Rad.	GPM
30	41	3.16	42	3.90	44	4.70	44	5.55	45	6.10	45	7.35
35	41	3.42	42	4.21	44	5.07	45	6.01	45	6.59	46	7.93
40	42	3.65	43	4.50	45	5.42	45	6.43	46	7.05	46	8.47
45	42	3.87	43	4.78	45	5.75	46	6.83	46	7.48	47	8.97
50	43	4.08	44	5.04	46	6.07	46	7.21	47	7.88	47	9.46
55	43	4.28	44	5.29	46	6.36	47	7.56	47	8.27	47	9.91
60	44	4.47	45	5.52	46	6.65	47	7.91	47	8.64	47	10.35
65	44	4.65	45	5.75	47	6.92	47	8.23	48	9.00	48	10.77
70	45	4.83	46	5.97	47	7.18	47	8.55	48	9.34	48	11.17

1" Impact Sprinklers – Part Circle



Model

15-67

- Full or Part circle impact – 23° trajectory
- 1" Male N.P.T.- dual nozzle, straightened-stream standard
- Specify 1" Male or Female bearing
- Cast-bronze head with cored water passages and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel spindle, fulcrum pin, lever spring, and bearing spring for long-wearing durability
- Designed as an all purpose medium, single or dual nozzle, intermediate to high pressure sprinkler
- Range nozzle drive permits single or dual nozzle application for increased flexibility
- Ideal for pasture, waste water applications or where wider spacing is required
- Brass plug is standard. May be ordered with spreader

Model 15-67 Single Standard Nozzle Performance (Nominal stream height 10' above nozzle @ normal pressure)

Nozzle	7/32"	1/4"	9/32"	5/16"	11/32"	3/8"
PSI	Rad. GPM					
40	56 8.8	59 11.5	60 14.6	61 17.7	63 21.1	68 24.4
45	57 9.4	61 12.2	62 15.5	63 18.9	66 22.5	70 26.0
50	58 9.9	62 12.9	64 16.3	65 20.0	69 23.8	73 27.5
55	59 10.4	63 13.6	65 17.2	67 21.0	71 25.0	75 29.1
60	60 10.9	65 14.2	67 18.0	69 22.0	73 26.2	77 30.6
65	61 11.4	66 14.8	69 18.8	71 23.0	75 27.4	78 32.0
70	62 11.8	67 15.4	70 19.5	72 23.9	77 28.5	81 33.2
75	64 12.2	69 16.0	71 20.3	74 24.8	79 29.6	83 34.5
80	65 12.6	70 16.5	73 20.9	75 25.7	81 30.6	85 35.7

Model 15-67 Dual Standard Nozzle Performance (Nominal stream height 10' above nozzle @ normal pressure)

Nozzle	7/32x11/64	1/4x1164	1/4x3/16	9/32x3/16	9/32x7/32	5/16x7/32	11/32x7/32	3/8x7/32
PSI	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM	Rad. GPM
40	56 14.1	59 16.7	59 17.7	60 20.3	60 22.6	61 25.4	63 28.7	68 31.6
45	57 15.2	61 17.8	61 18.8	62 21.6	62 24.0	63 27.1	66 30.8	70 33.8
50	58 16.0	62 18.8	62 20.0	64 22.8	64 25.4	65 28.7	69 32.4	73 35.5
55	59 16.7	63 19.7	63 21.1	65 24.0	65 26.8	67 30.2	71 34.0	75 37.2
60	60 17.5	65 20.6	65 22.0	67 25.2	67 28.0	69 31.7	73 35.6	77 38.9
65	61 18.2	66 21.7	66 22.9	69 26.3	69 29.2	71 33.1	75 37.1	78 40.6
70	62 19.0	67 22.6	67 23.8	70 27.4	70 30.4	72 34.5	77 38.6	81 42.2
75	64 19.7	69 23.3	69 24.7	71 28.3	71 31.5	74 35.8	79 40.0	83 43.8
80	65 20.3	70 24.0	70 25.5	73 29.2	73 32.6	75 37.0	81 41.3	85 45.4

1 1/4" Impact Sprinklers - Part Circle



Model

15-80

- Full or Part Circle impact – adjustable from 25° to 340°
- 23° trajectory range – nozzle and 15° trajectory spreader-nozzle
- 1 ¼" Male N.P.T.
- Dual nozzle – brass tapered nozzle with non-clog vane is standard
- Cast-bronze head with cored water passage and double-bridge construction
- Cast-bronze lever with I-Beam construction for added strength
- Wide impact area increases lever life
- Stainless steel parts include spindle, fulcrum pin, trip pins, lever spring and bearing, and trip springs and trip collars
- Designed as a large, all purpose, part circle, dual nozzle, high pressure sprinkler
- Ideal as center pivot end gun or as a companion for all large sprinklers where arc of coverage must be adjustable

Model 15-80 Single Plain Nozzle Standard Performance (Nominal stream height 14' above nozzle @ normal pressure)

Nozzle	11/32"	3/8"	13/32"	7/16"	15/32"	1/2"	17/32"	9/16"	5/8"	11/16"	3/4"
PSI	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM
60	82 26.4	84 31.6	88 36.8	90 43.1	92 49.0	96 55.3	99 62.5	103 70.4	105 83.8	109 99.6	112 118.5
65	84 27.4	86 32.9	90 38.2	92 44.9	94 51.0	98 57.5	101 65.0	105 73.2	107 87.2	111 103.5	114 123.3
70	86 28.4	88 34.1	92 39.7	94 46.5	96 52.9	100 59.6	103 67.4	107 76.0	109 90.4	113 107.2	116 128.0
75	87 29.4	90 35.2	94 41.0	96 48.1	98 54.7	102 61.6	105 69.8	109 78.6	111 93.5	115 110.8	118 132.4
80	88 30.3	92 36.4	96 42.3	98 49.7	100 56.5	104 63.6	107 72.1	111 81.1	113 96.5	117 114.3	120 136.7
85	90 31.2	94 37.4	98 43.6	100 51.2	102 58.2	106 65.6	109 74.3	113 83.6	115 99.4	119 117.7	122 140.9
90	91 32.1	95 38.5	99 44.8	101 52.7	103 59.8	107 67.4	110 76.4	114 86.0	117 102.2	121 121.0	124 145.0
95	92 32.9	96 39.5	100 46.0	102 54.1	104 61.4	108 69.2	111 78.5	115 88.4	119 104.9	123 124.2	126 148.9
100	93 33.8	97 40.5	101 47.2	103 55.5	105 63.0	109 71.0	112 80.6	116 90.6	121 107.6	125 127.2	128 152.7

Model 15-80 Dual Plain Nozzle Standard Performance (Nominal stream height 14' above nozzle @ normal pressure)

Nozzle	11/32x 7/32	3/8x 7/32	13/32x 7/32	15/32x 7/32	1/2x 1/4	17/32x 1/4	9/16x 1/4	5/8x 1/4	11/16x 1/4	3/4x 1/4
PSI	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM	Rad.GPM
60	82 36.5	84 41.4	88 46.6	90 51.5	92 57.2	96 67.0	99 72.5	103 80.5	105 95	109 115
65	84 38.0	86 43.2	90 48.6	92 53.8	94 59.8	98 70.0	101 75.8	105 84.1	107 99	111 120
70	86 40.1	88 44.9	92 50.4	94 55.9	96 62.1	100 72.6	103 78.5	107 87.4	109 103	113 124
75	87 41.0	90 46.7	94 52.4	96 57.9	98 64.3	102 75.4	105 81.6	109 90.7	111 107	115 128
80	88 42.6	92 48.3	96 54.3	98 60.0	100 66.7	104 78.0	107 84.5	111 93.6	113 110	117 132
85	90 43.8	94 49.8	98 56.0	100 62.0	102 68.8	106 80.5	109 86.7	113 96.9	115 114	119 137
90	91 45.7	95 51.4	99 57.9	101 63.9	103 70.7	107 82.6	110 90.0	114 99.5	117 117	121 141
95	92 46.6	96 53.0	100 59.6	102 65.8	104 72.8	108 85.0	111 92.5	115 102.0	119 121	123 144
100	93 47.9	97 54.5	101 61.2	103 67.5	105 74.8	109 87.2	112 94.6	116 105.0	121 124	125 148