



15° Standard 1/2" (50-15)



23° Standard 1/2" (50-23)



23° Wedge 1/2" (50-23WD)



27° Part Circle 3/4" (75-27PC)



27° Standard 3/4" (75-27)

## Features

Unique female nozzle thread fits - other popular nozzle brands  
 1/2" or 3/4" male thread connection  
 1/2" available in Spoon & Wedge drive  
 True bronze body / arm  
 Brass nipple and bearing sleeve  
 U.S. standard nozzles  
 Available in 23°, 15° and 7° trajectory angles  
 Flow rates from 0.62 to 4.5 gpm for 1/2"  
 1/2" wedge drive for fast rotation & low flow  
 Durable and dependable for long term use

## Ordering Information

### 1/2" & 3/4" V-Rain® Sprinklers

	23° Standard 1/2" V-Rain®	23° Wedge 1/2" V-Rain®	15° Standard 1/2" V-Rain®	27° Full Circle 3/4" V-Rain®	27° Part Circle 3/4" V-Rain®
<b>Sprinkler Part No.'s</b>	50-23-WXXXX	50-23DWXXXX	50-15-WXXXX	75-27-HF-XXXX-XXXX	75-27-PC-XXXX-XXXX

### 1/2" V-Rain® Nozzles

	50D / 51D	5/64"	3/32"	7/64"	1/8"	9/64"	5/32"
<b>Nozzle Part No.'s</b>	050D / 051D	0564	0332	0764	0108	0964	0532

### 3/4" V-Rain® Nozzles

	Plug	3/32"	1/8"	9/64"	5/32"	11/64"	7/32"
<b>Nozzle Part No.'s</b>	PLUG Short Range	0332 Short Range	0108	0964	0532	1164	0732

#### Examples:

1/2" Sprinkler with 1/8" Nozzle: 50-23-W0108

1/2" Sprinkler without Nozzle: 50-23-W0000

3/4" Sprinkler with 11/64"x3/32" Nozzles: 75-27-W1164x0332

#### Other Nozzles Available Upon Request

3/4" Sprinkler without Nozzles: 75-27-HF-0000x0000

3/4" Sprinkler with 5/32"xPlug: 75-27-W0532xPLUG

Nozzle Pressure	Wedge-drive Model 50-23WD								Standard Model 50-23							
	50D		5/64		3/32		7/64		3/32		7/64		1/8		9/64	
	1.8 mm		2.0 mm		2.4 mm		2.8 mm		2.4 mm		2.8 mm		3.2 mm		3.6 mm	
psi	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.
			0.79	60	1.14	66	1.55	68								
25	0.70	60	0.88	61	1.27	67	1.73	69								
30	0.78	61	0.97	62	1.39	68	1.90	70	1.3	68	1.90	69	2.38	70	3.12	71
35	0.84	62	1.05	63	1.50	69	2.05	72	1.4	72	2.04	72	2.51	73	3.47	74
40	0.90	63	1.12	64	1.61	70	2.19	74	1.5	74	2.25	75	2.72	76	3.73	77
45	0.95	64	1.19	66	1.71	71	2.32	75	1.6	75	2.38	77	2.78	78	4.02	79
50	1.00	65	1.25	67	1.80	72	2.45	75	1.7	77	2.43	78	3.07	79	4.13	80
55	1.05	66	1.31	68	1.89	73	2.57	76	1.7	78	2.59	79	3.20	80	4.23	81
60	1.10	66	1.37	68	1.97	74	2.68	77	1.80	79	2.78	80	3.33	81	4.29	82
65									1.9	80	2.86	81	3.47	82	4.50	83

Nozzle Pressure	Standard Model 50-15W							
	3/32		7/64		1/8		9/64	
	2.4 mm		2.8 mm		3.2 mm		3.6 mm	
psi	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.
30	1.26	66	1.9	70	2.38	70	3.13	72
35	1.38	66	2.04	70	2.52	70	3.47	74
40	1.48	68	2.24	70	2.72	74	3.74	74
45	1.56	68	2.38	72	2.79	74	4.01	76
50	1.66	70	2.45	72	3.06	74	4.18	76
55	1.72	70	2.58	74	3.20	76	4.22	78
60	1.79	72	2.79	74	3.33	78	4.28	78
65	1.88	74	2.86	76	3.47	78	4.49	80



Nozzle Pressure	Standard Model 75-27									
	9/64"x3/32"		5/32"x3/32"		11/64"x3/32"		3/16"x3/32"		13/64"x3/32"	
	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.	gpm	ft.
35	4.99	86	5.76	88	6.65	92	7.54	96	8.66	98
40	5.32	86	6.13	88	7.12	94	8.13	96	9.34	100
45	5.65	88	6.54	90	7.45	96	8.54	98	9.97	102
50	5.95	90	6.87	92	7.96	96	9.06	100	10.35	104
55	6.17	90	7.15	94	8.24	98	9.45	102	10.82	106
60	6.45	91	7.46	96	8.65	100	10	104	11.34	108
65	6.78	94	7.85	98	8.96	102	10	106	11.75	110
70	6.96	96	8.14	100	9.34	104	11	108	12.16	112
75	7.24	96	8.36	102	9.65	104	11	110	12.62	114
80	7.54	98	8.77	102	10.1	106	12	100	13.05	116

**Note: Single nozzle performance chart available upon request**