

2009HS IMPACT SPRINKLER

2009HS SPRINKLER DESIGN CRITERIA	psi				
	30	35	40	45	50
#6 Nozzle - Gold (3/32")					
Flow (gpm)	1.34	1.45	1.55	1.64	-
Diameter at 1.5 ft ht (ft)	58	60	62	64	-
#7 Nozzle - Lime (7/64")					
Flow (gpm)	1.84	1.99	2.12	2.25	2.37
Diameter at 1.5 ft ht (ft)	60	62	64	66	67
#8 Lavender (1/8")					
Flow (gpm)	2.42	2.62	2.79	2.97	3.12
Diameter at 1.5 ft ht (ft)	62	64	66	68	69
#9 Nozzle - Grey (9/64")					
Flow (gpm)	3.08	3.33	3.56	3.78	3.98
Diameter at 1.5 ft ht (ft)	64	66	68	70	71

Sprinkler performance may vary with actual field conditions. Stream heights range from 1.5 to 3.0 ft above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft.

2014HS IMPACT SPRINKLER

2014HS SPRINKLER DESIGN CRITERIA	psi				
	30	35	40	45	50
#6 Nozzle - Gold (3/32")					
Flow (gpm)	1.34	1.45	1.55	1.64	-
Diameter at 1.5 ft ht (ft)	66	68	70	72	-
#7 Nozzle - Lime (7/64")					
Flow (gpm)	1.84	1.99	2.12	2.25	2.37
Diameter at 1.5 ft ht (ft)	68	70	72	74	75
#8 Lavender (1/8")					
Flow (gpm)	2.42	2.62	2.79	2.97	3.12
Diameter at 1.5 ft ht (ft)	70	72	74	76	77
#9 Nozzle - Grey (9/64")					
Flow (gpm)	3.08	3.33	3.56	3.78	3.98
Diameter at 1.5 ft ht (ft)	71	73	75	77	78

Sprinkler performance may vary with actual field conditions. Stream heights range from 3.0 to 5.0 ft above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft.

2023HS IMPACT SPRINKLER

2023HS SPRINKLER DESIGN CRITERIA	psi				
	30	35	40	45	50
#6 Nozzle - Gold (3/32")					
Flow (gpm)	1.34	1.45	1.55	1.64	-
Diameter at 1.5 ft ht (ft)	74	75	76	77	-
#7 Nozzle - Lime (7/64")					
Flow (gpm)	1.84	1.99	2.12	2.25	2.37
Diameter at 1.5 ft ht (ft)	76	77	78	79	80
#8 Lavender (1/8")					
Flow (gpm)	2.42	2.62	2.79	2.97	3.12
Diameter at 1.5 ft ht (ft)	78	79	80	81	82
#9 Nozzle - Grey (9/64")					
Flow (gpm)	3.08	3.33	3.56	3.78	3.98
Diameter at 1.5 ft ht (ft)	79	80	81	82	83

Sprinkler performance may vary with actual field conditions. Stream heights range from 6.5 to 9.5 ft above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft.

COMPACT IMPACT SPRINKLER

COMPACT IMPACT DESIGN CRITERIA	psi				
	30	35	40	45	50
#9 Nozzle - Grey (9/64")					
Flow (gpm)	3.08	3.33	3.56	3.78	3.98
Diameter at 1.5 ft ht (ft)	78	78	82	86	86
Diameter at 3.0 ft ht (ft)	84	86	87	88	90
#10 Nozzle - Turquoise (5/32")					
Flow (gpm)	3.82	4.13	4.41	4.68	4.93
Diameter at 1.5 ft ht (ft)	80	82	82	86	88
Diameter at 3.0 ft ht (ft)	86	87	89	91	92
#11 Nozzle - Yellow (11/64")					
Flow (gpm)	4.63	5.00	5.34	5.67	5.98
Diameter at 1.5 ft ht (ft)	82	82	86	88	90
Diameter at 3.0 ft ht (ft)	88	89	92	94	95
#12 Nozzle - Red (3/16")					
Flow (gpm)	5.52	5.97	6.37	6.76	7.13
Diameter at 1.5 ft ht (ft)	83	87	90	92	96
Diameter at 3.0 ft ht (ft)	89	91	94	97	98

Sprinkler performance may vary with field conditions. Stream heights range from 7.7 to 10.1 ft above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft.

WEDGEDRIVE

WEDGEDRIVE DESIGN CRITERIA	psi					
	25	30	35	40	45	50
#5 Nozzle - Beige (5/64")						
Flow (gpm)	0.84	0.92	0.99	1.06	1.13	1.19
2014 Diameter at 1.5 ft ht (ft)	60	61	65	67	68	69
2023 Diameter at 1.5 ft ht (ft)	70	70	70	72	76	75
#6 Nozzle - Gold (3/32")						
Flow (gpm)	1.22	1.34	1.45	1.55	1.64	1.73
2014 Diameter at 1.5 ft ht (ft)	61	64	68	70	72	73
2023 Diameter at 1.5 ft ht (ft)	68	70	72	73	78	76
#7 Nozzle - Lime (7/64")						
Flow (gpm)	1.68	1.84	1.99	2.12	2.25	2.37
2014 Diameter at 1.5 ft ht (ft)	64	66	70	74	76	77
2023 Diameter at 1.5 ft ht (ft)	72	73	74	76	77	78
#8 Nozzle - Lavender (1/8")						
Flow (gpm)	2.21	2.42	2.62	2.79	2.97	3.12
2014 Diameter at 1.5 ft ht (ft)	67	70	73	77	79	80
2023 Diameter at 1.5 ft ht (ft)	74	76	77	78	79	80
#9 Nozzle - Grey (9/64")						
Flow (gpm)	2.81	3.08	3.33	3.56	3.78	3.98
2014 Diameter at 1.5 ft ht (ft)	68	72	76	78	81	81
2023 Diameter at 1.5 ft ht (ft)	78	78	80	81	82	83

Sprinkler performance may vary with actual field conditions. Stream heights for the 2014 range from 6.5 to 9.5 ft above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft.