

SPRINKLER SPECIFICATION CHARTS

Editor's note: Information presented in these charts was provided by manufacturers. Please contact the manufacturer directly for more details.

Legend

B.....brass	HS.....high speed	sh.....spray head
CT.....continuous	LA.....low angle	SS.....stainless steel
CV.....check valve	NP.....nonpotable	STD.....standard
F.....full	ON.....opposing nozzle	ZDC.....zinc die cast
FC.....full circle	P.....part	
FSO.....flow shut-off	PI.....plastic	



To download a copy of these comparison charts, go to www.igin.com/sprinkler-specification-charts.

ROTATING NOZZLES

Manufacturer	Model	Series	Nozzle	M or F thread	Pattern (degrees)	Operating pressure (psi)	Radius (ft.)	Discharge rate (gpm)	Precipitation rate (in./hr.)
Hunter	MP 1000 90-210	MP1000	adj. arc/radius	M or F	90-210	30-55	8-15	0.17-0.59	0.41-0.5
Hunter	MP 1000 210-270	MP1000	adj. arc/radius	F	210-270	30-55	8-15	0.4-0.75	0.40-0.5
Hunter	MP 1000 360	MP1000	adj. radius	M or F	360	30-55	8-15	0.69-1.01	0.41-0.5
Hunter	MP 2000 90-210	MP2000	adj. arc/radius	M or F	90-210	25-55	13-21	0.34-1.01	0.40-0.5
Hunter	MP 2000 210-270	MP2000	adj. arc/radius	M or F	210-270	25-55	13-21	0.72-1.3	0.37-0.5
Hunter	MP 2000 360	MP2000	adj. radius	M or F	360	25-55	13-21	1.20-1.74	0.36-0.5
Hunter	MP 3000 90-210	MP3000	adj. arc/radius	M or F	90-210	25-55	22-30	0.71-2.49	0.39-0.53
Hunter	MP 3000 210-270	MP3000	adj. arc/radius	M or F	210-270	25-55	22-30	1.68-3.22	0.39-0.53
Hunter	MP 3000 360	MP3000	adj. radius	M or F	360	25-55	22-30	2.88-4.27	0.39-0.53
Hunter	MP 3500 90-210	MP3000	adj. arc/radius	F	90-210	25-55	31-35	1.04-3.94	0.39-0.53
Hunter	MP Corner	MP Specialty	adj. arc/radius	M or F	45-105	30-55	8-15	0.17-0.53	-
Hunter	MP Left Strip	MP Specialty	adj. radius	M or F	strip	30-55	5x15	0.19-0.26	-
Hunter	MP Side Strip	MP Specialty	adj. radius	M or F	strip	30-55	5x30	0.38-0.51	-
Hunter	MP Right Strip	MP Specialty	adj. radius	M or F	strip	30-55	5x15	0.19-0.26	-
Hunter	MP800SR 90-210	MP800SR	adj. arc/radius	F	90-210	30-55	6-12	0.16-0.58	0.72-0.85
Hunter	MP800SR 360	MP800SR	adj. radius	F	360	30-55	6-12	0.66-0.98	0.70-1.03
Hunter	MP815 90-210	MP815	adj. arc/radius	F	90-210	30-55	8-16	0.42-1.30	0.79-1.01
Hunter	MP815 210-270	MP815	adj. arc/radius	F	210-270	30-55	8-16	0.88-1.61	0.77-1.00
Hunter	MP815 360	MP815	adj. radius	F	360	30-55	8-16	1.52-2.26	0.80-1.00
K-Rain	RN100-ADJ-90-270	Rotary Nozzle	female thread	F	adj.	30-50	13-15	0.22-0.9	0.46-0.59
K-Rain	RN100-FIX360	Rotary Nozzle	female thread	F	fixed	30-50	13-15	0.8-1.2	0.46-0.59
K-Rain	RN200-ADJ-90-270	Rotary Nozzle	female thread	F	adj.	30-50	16-19	0.34-1.41	0.45-0.59
K-Rain	RN200-FIX360	Rotary Nozzle	female thread	F	fixed	30-50	16-19	1.34-1.88	0.45-0.58
K-Rain	RN300-ADJ-90-270	Rotary Nozzle	female thread	F	adj.	30-50	26-30	0.80-3.1	0.39-0.63
K-Rain	RN300-FIX360	Rotary Nozzle	female thread	F	fixed	30-50	26-30	3.1-3.7	0.42-0.51
K-Rain	RNS-RES-515	Rotary Nozzle	female thread	F	fixed-special pattern	30-50	5x15	0.3-0.4	-
K-Rain	RNS-LES-515	Rotary Nozzle	female thread	F	fixed-special pattern	30-50	5x15	0.3-0.4	-
K-Rain	RNS-SS-530	Rotary Nozzle	female thread	F	fixed-special pattern	30-50	5x30	0.5-0.7	-
Rain Bird	R-VANI4	R-VAN	8 to 14 ft. R-VAN	F	45-270	30-55	8-14	0.28-1.17	0.60-0.67
Rain Bird	R-VANI8	R-VAN	13 to 18 ft. R-VAN	F	45-270	30-55	13-18	0.42-1.62	0.60-0.68
Rain Bird	R-VAN24	R-VAN	17 to 24 ft. R-VAN	F	45-270	30-55	17-24	0.60-2.88	0.61-0.64
Rain Bird	R-VANI4-360	R-VAN	14 ft. full circle R-VAN	F	360	30-55	8-14	1.10-1.45	0.60-0.64
Rain Bird	R-VANI8-360	R-VAN	18 ft. full circle R-VAN	F	360	30-55	13-18	1.65-2.11	0.60-0.63
Rain Bird	R-VAN24-360	R-VAN	24 ft. full circle R-VAN	F	360	30-55	17-24	2.35-3.74	0.60-0.63
Rain Bird	R-VAN-LCS	R-VAN	left corner strip R-VAN	F	left strip	30-55	5x15	0.18-0.28	0.56-0.64
Rain Bird	R-VAN-RCS	R-VAN	right corner strip R-VAN	F	right strip	30-55	5x15	0.18-0.28	0.56-0.64
Rain Bird	R-VAN-SST	R-VAN	side strip R-VAN	F	side strip	30-55	5x30	0.36-0.56	0.56-0.64
Toro	PRN-TA	Precision	gear-driven rotary	M	45-270	20-75	14-26	0.17-2.6	0.6
Toro	PRN-A	Precision	gear-driven rotary	F	45-270	20-75	14-26	0.17-2.6	0.6
Toro	PRN-TF	Precision	gear-driven rotary	M	360	20-75	14-26	1.81-3.68	0.6
Toro	PRN-F	Precision	gear-driven rotary	F	360	20-75	14-26	1.81-3.68	0.6

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ROTORS

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1/2	Hunter	SRM	PI	6 PI	adj. 40-360	30-50	15-30	0.42-3.4	~ 0.45	yes
1/2	Hunter	PGJ	PI	8 PI	adj. 40-360	30-50	15-37	0.64-5.3	~ 0.6	yes
3/4	Hunter	PGP-ADJ	PI	27 PI	adj. 40-360	30-70	22-52	0.5-14.1	~ 0.4	yes
3/4	Hunter	PGP Ultra	PI	34 PI	adj. 50-360	30-70	22-52	0.36-14.8	~ 0.4	yes
3/4	Hunter	I-20	PI	30 PI	adj. 50-360	30-70	17-47	0.36-14.8	~ 0.4	yes
3/4	Hunter	I-20	SS	30 PI	adj. 50-360	30-70	17-47	0.36-14.8	~ 0.4	yes
1	Hunter	I-25	PI	12 PI	adj. 50-360	40-100	40-71	3.8-31.5	~ 0.4	yes
1	Hunter	I-25	SS	12 PI	adj. 50-360	40-100	40-71	3.8-31.5	~ 0.4	yes
1	Hunter	I-40	SS	6 PI	adj. 50-360	40-100	45-70	7.0-28.2	~ 0.4	yes
1	Hunter	I-40 ON	SS	6 PI	360 ON	40-100	52-76	13.0-33.7	~ 0.4	yes
1	Hunter	I-80	SS	21 PI	adj. 60-360	40-100	37-94	8.9-59.6	~ 0.6	yes
1	Hunter	I-80 ON	SS	19 PI	360 ON	40-100	49-97	13.0-58.5	~ 0.6	yes
1.5	Hunter	I-90	PI	6 PI	adj. 40-360	60-100	67-90	30.7-69.8	~ 0.6	yes
1.5	Hunter	I-90	PI	6 PI	360 ON	60-100	71-96	29.8-69.4	~ 0.6	yes
3/4	Hydro Rain	HRX-075-ADJ	HRX	reg./LA	40 to 360	25-70	16-52	0.5-8	0.4	yes
1/2	Irritrol	430R	430R	PI	F/PC	30-50	20-35	0.8-3.4	0.28-.65	yes
3/4	Irritrol	550R	550R	PI	F/PC	25-65	25-50	0.74-9.7	0.2-0.99	yes
1/2	K-Rain	13003	MiniPro 4-in.	5 STD	adj. 40-360	20-70	18-33	0.8-3.8	0.26-0.52	yes
1/2	K-Rain	13006	MiniPro 6-in.	5 STD	adj. 40-360	20-70	18-33	0.8-3.8	0.26-0.52	yes
1/2	K-Rain	13012	MiniPro 12-in.	5 STD	adj. 40-360	20-70	18-33	0.8-3.8	0.26-0.52	yes
1/2	K-Rain	RPS50	RPS50	5 STD	adj. 40-360	20-70	18-33	0.8-3.8	0.26-0.52	yes
3/4	K-Rain	RPS75	RPS75	8 STD, 4 LA	adj. 40-360	30-70	22-51	0.7-8.2	0.16-0.61	yes
3/4	K-Rain	60003	RPS Select	4 built-in	adj. 40-360	30-70	33-46	1.3-6.8	0.23-0.71	yes
3/4	K-Rain	RPS75i	RPS 75i	8 STD, 4 LA	adj. 40-360	30-70	13-48	0.44-9.7	0.22-10.19	yes
3/4	K-Rain	RPS75i-SS	RPS 75i	8 STD, 4 LA	adj. 40-360	30-70	13-48	0.44-9.8	0.22-10.19	yes
3/4	K-Rain	11003	ProPlus 5-in.	9 STD, 4 LA	adj. 40-360 CT	20-70	28-50	0.5-10	0.12-0.87	yes
3/4	K-Rain	11003-HP	ProPlus 12-in.	9 STD, 4 LA	adj. 40-360 CT	20-70	28-50	0.5-10	0.12-0.87	yes
3/4	K-Rain	11003-SH	ProPlus shrub	9 STD, 4 LA	adj. 40-360 CT	20-70	28-50	0.5-10	0.12-0.87	yes
3/4	K-Rain	10003	SuperPro	9 STD, 4 LA	adj. 40-360 CT	20-70	26-46	1.2-11.1	0.21-1.01	yes
3/4	K-Rain	10003-HP	SuperPro 12-in.	9 STD, 4 LA	adj. 40-360 CT	20-70	26-49	1.2-11.1	0.21-1.01	yes
3/4	K-Rain	10003-SH	SuperPro shrub	9 STD, 4 LA	adj. 40-360 CT	20-70	26-49	1.2-11.1	0.21-1.01	yes
1	K-Rain	14053	ProSport High Speed	6 STD	adj. 40-360 CT	40-90	45-77	5.1-32.5	0.48-1.56	yes
1	K-Rain	14053-SS	ProSport High Speed w/ SS	6 STD	adj. 40-360 CT	40-90	45-77	5.1-32.5	0.48-1.56	yes
1	K-Rain	14003	ProSport	6 STD	adj. 40-360 CT	40-90	45-77	5.1-32.5	0.48-1.56	yes
1	K-Rain	14003-SS	ProSport SS	6 STD	adj. 40-360 CT	40-90	45-77	5.1-32.5	0.48-1.56	yes
1/2	Rain Bird	3500-S-PC-SAM	3500 shrub PC w/ CV	0.75-4	40-360	25-55	15-35	0.54-4.60	0.37-0.83	yes
1/2	Rain Bird	3504-PC	3500 4-in. PC	0.75-4	40-360	25-55	15-35	0.54-4.60	0.37-0.83	yes
1/2	Rain Bird	3504-PC-SAM	3500 4-in. PC w/ CV	0.75-4	40-360	25-55	15-35	0.54-4.60	0.37-0.83	yes
1/2	Rain Bird	3504-PC-SAM-NP	3500 4-in. PC NP w/ CV	0.75-4	40-360	25-55	15-35	0.54-4.60	0.37-0.83	yes
3/4	Rain Bird	5000SPCSAM	5000 shrub PC w/ CV	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5000+SPCSAM	5000+ shrub PC w/ CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5000+SPCSAMNP	5000+ shrub PC NP w/ CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5000+SPCSAMR	5000+ shrub PC w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5000+SPCSAMRNP	5000+ shrub PC NP w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004(PC or FC)	5000 (PC or FC) 4-in.	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004PCNP	5000 4-in. NP	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004+(PC or FC)	5000+ (PC or FC) 4-in. w/ FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004PCR	5000 4-in. w/ PR	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004PCSAM	5000 4-in. w/ CV	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004+PCR	5000+ 4-in. w/ PR, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes

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3/4	Rain Bird	5004+(PC or FC)SAM	5000+ (PC or FC) 4-in. w/ CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004+(PC or FC)SAMR	5000+ (PC or FC) 4-in. w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004+PCSAMRNP	5000+ 4-in. NP w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004+(PC or FC)SAMRSS	5000+ SS (PC or FC) 4-in. w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5004+PCSAMRSSNP	5000+ SS 4-in. NP w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.76-9.63	0.2-1.5	yes
3/4	Rain Bird	5006PC	5000 6-in.	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5006+PC	5000+ 6-in. w/ FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5006+PCSAM	5000+ 6-in. w/ CV, FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5006+PCSAMNP	5000+ 6-in. NP w/ CV, FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5006+PCSAMR	5000+ 6-in. w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5006+PCSAMRNP	5000+ 6-in. NP w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5006+PCSAMRSS	5000+ SS 6-in. w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5006+PCSAMRSSNP	5000+ SS 6-in. NP w/ PR, CV, FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5012+PCSAMR	5000+ 12-in. w/ PR, FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
3/4	Rain Bird	5012+PCSAMRNP	5000+ 12-in. NP w/ PR, FSO	1-8	40-360	25-65	25-50	0.73-9.63	0.2-1.5	yes
1	Rain Bird	6504 (PC or FC)	Falcon 6504 (PC or FC) w/ CV	4-18	40-360	30-90	39-65	2.9-21.7	0.37-1.31	yes
1	Rain Bird	6504-NP (PC or FC)	Falcon 6504 (PC or FC) NP w/ CV	4-18	40-360	30-90	39-65	2.9-21.7	0.37-1.31	yes
1	Rain Bird	6504-SS (PC or FC)	Falcon 6504 SS (PC or FC) w/ CV	4-18	40-360	30-90	39-65	2.9-21.7	0.37-1.31	yes
1	Rain Bird	6504-SS-NP (PC or FC)	Falcon 6504 SS (PC or FC) NP w/ CV	4-18	40-360	30-90	39-65	2.9-21.7	0.37-1.31	yes
1	Rain Bird	6504-SS-HS (PC or FC)	Falcon 6504 SS (PC or FC) w/ CV-HS	4-18	40-360	30-90	39-65	2.9-21.7	0.37-1.31	yes
1	Rain Bird	8005	8005 P/ FC w/ CV	4-26	50-360	50-100	39-81	3.8-36.3	0.48-1.28	yes
1	Rain Bird	8005-NP	8005 NP P/ FC w/ CV	4-26	50-360	50-100	39-81	3.8-36.3	0.48-1.28	yes
1	Rain Bird	8005-SS	8005 SS P/ FC w/ CV	4-26	50-360	50-100	39-81	3.8-36.3	0.48-1.28	yes
1	Rain Bird	8005-SS-NP	8005 SS NP P/ FC w/ CV	4-26	50-360	50-100	39-81	3.8-36.3	0.48-1.28	yes
1/2	Toro	Mini8-4P	Mini 8	PI	F/PC	30-60	20-35	0.8-3.4	0.24-0.54	yes
3/4	Toro	Stream Rotor	300	PI	9 Arcs	35-50	15-33	0.57-7.5	0.33-1.35	yes
3/4	Toro	T5P-RS	T5 RapidSet	PI	F/PC	25-65	25-50	0.76-9.63	0.20-0.99	yes
1	Toro	T7P	T7	PI	F/PC	40-100	40-75	1.7-30.6	0.62-1.42	yes
1	Toro	640	640	PI	F/PC	40-90	47-67	6-25	0.26-4.91	yes
1	Toro	TS90	TS90	PI	F/PC	40-100	53-95	14-61.5	0.46-0.63	yes
2	Toro	TS170V	TS170	PI	F/PC	60-115	111-177	113-303	n/a	piston
2.5	Toro	P2S	P2	PI	F/PC	60-115	105-180	70-267	n/a	piston
3	Toro	P2M	P2	PI	F/PC	70-115	138-226	131-535	n/a	piston
1/2	Weathermatic	T1	T	0.75-4	40-360	30-50	16-37	0.57-4.0	0.43-0.74	yes
3/4	Weathermatic	T3	T	1-13	40-360	30-70	28-61	0.7-14.9	0.17-0.89	yes
3/4	Weathermatic	T3-36	T	1-13	360	30-70	28-61	0.7-14.9	0.17-0.89	yes
3/4	Weathermatic	T3SS	T- SS	1-13	40-360	30-70	28-61	0.7-14.9	0.17-0.89	yes
3/4	Weathermatic	T3-36SS	T- SS	1-13	360	30-70	28-61	0.7-14.9	0.17-0.89	yes
3/4	Weathermatic	T3S	T- shrub	1-13	40-360	30-70	28-61	0.7-14.9	0.17-0.89	yes
3/4	Weathermatic	T35	T	1-13	40-360	30-70	28-61	0.7-14.9	0.17-0.89	yes
3/4	Weathermatic	6000	6000	4-10LA	40-360	20-65	30-42	1.0-7.5	0.21-1.02	yes
1	Weathermatic	CT70	CT	71-75	40-360	40-90	49-74	81-28	0.65-1.15	yes
1	Weathermatic	CT70-36	CT	71-75	360	40-90	49-74	81-28	0.65-1.15	yes
1	Weathermatic	CT70SS	CT SS	71-75	40-360	40-90	49-74	81-28	0.65-1.15	yes
1	Weathermatic	CT70-36SS	CT SS	71-75	360	40-90	49-74	81-28	0.65-1.15	yes
1	Weathermatic	6500	6500	61-64	40-360	45-75	44-60	2.8-13.2	0.23-0.84	yes
1	Weathermatic	6513	6500	61-64	40-360	45-75	43-51	2.8-13.2	0.29-1.13	yes
1	Weathermatic	7500	7500	3-8	40-360	45-90	53-74	9.4-27.5	0.64-1.21	yes
1	Weathermatic	7513	7500	3-8	40-360	45-90	48-64	9.4-27.5	0.79-1.61	yes

SPRAY HEADS

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1/2	Hit Products	907T	900 Telescopic	fixed/adj.	M	20-360	20-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hit Products	913T	900 Telescopic	fixed/adj.	M	20-360	25-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hit Products	902-906	900	fixed/adj.	M or F	20-360	15-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hit Products	904 CKV	900	fixed/adj.	M or F	20-360	25-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hit Products	912	900	fixed/adj.	M or F	20-360	15-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hit Products	702-706	700	fixed/adj.	M or F	20-360	15-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hit Products	712	700	fixed/adj.	M or F	20-360	15-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hit Products	HP02	HP	fixed/adj.	M	20-360	25-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hit Products	HP04	HP	fixed/adj.	M	20-360	25-70	5-17	0.02-4.2	2.01-2.7	sh
1/2	Hunter	PS Ultra	NA	female	F	adj.	20-70	8-17	varies	1.5	n/a
1/2	Hunter	Pro-Spray	NA	female	F	fixed and adj.	15-100	2-17	varies	1.5	n/a
1/2	Hunter	Pro-Spray PRS30	NA	female	F	fixed and adj.	15-100	2-17	varies	1.5	n/a
1/2	Hunter	Pro-Spray PRS40	NA	female	F	fixed and adj.	15-100	2-17	varies	1.5	n/a
1/2	Hydro Rain	HRS-100-04-FC	Slim Line 4 in.	HRN: 100 F, 200 adj., 100 S	F	0-360	15-70	4-18	0.4-3.70	1.5-2.7	n/a
1/2	Hydro Rain	HRS-100-06-FC	Slim Line 6 in.	HRN: 100 F, 200 adj., 100 S	F	0-360	15-70	4-18	0.4-3.70	1.5-2.7	n/a
1/2	Hydro Rain	HRS-200-04-FC	Pro 4 in.	HRN: 100 F, 200 adj., 100 S	F	0-360	15-70	4-18	0.4-3.70	1.5-2.7	n/a
1/2	Hydro Rain	HRS-200-06-FC	Pro 6 in.	HRN: 100 F, 200 adj., 100 S	F	0-360	15-70	4-18	0.4-3.70	1.5-2.7	n/a
1/2	Hydro Rain	HRS-200-12-FC	Pro 12 in.	HRN: 100 F, 200 adj., 100 S	F	0-360	15-70	4-18	0.4-3.70	1.5-2.7	n/a
1/2	Hydro Rain	HRS-200-04-PC	Pro 4 in. Press. Reg., Check Valve	HRN: 100 F, 200 adj., 100 S	F	0-360	15-70	4-18	0.4-3.70	1.5-2.7	n/a
1/2	Irritrol	I-PR0400-I-PR01200	I-PRO	female thread	M	fixed	20-50	5-17	0.6-4.75	0.97-5.42	no
1/2	K-Rain	73001	3 in. K-Spray	male thread	F	fixed and adj.	20-50	5-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	74001	4 in. K-Spray	male thread	F	fixed and adj.	20-50	5-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	76001	6 in. K-Spray	male thread	F	fixed and adj.	20-50	5-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	71201	12 in. K-Spray	male thread	F	fixed and adj.	20-50	5-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	NP2	2 in. NP	all female threaded	F	fixed and adj.	20-50	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	NP4	4 in. NP	all female threaded	F	fixed and adj.	20-50	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78002	2 in. Pro-S	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78002-CV	2 in. Pro-S w/ CV	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78002-CV-GUARD	2 in. Pro-S w/ CV & Nozzle Guard	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78002-GUARD	2 in. Pro-S w/ Nozzle Guard	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78002-CV-RCW	2 in. Pro-S w/ CV, RCW	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78002-CV-RCW-GUARD	2 in. Pro-S w/ CV, RCW & Nozzle Guard	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78002-RCW	2 in. Pro-S RCW	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78002-RCW-GUARD	2 in. Pro-S RCW w/ Nozzle Guard	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	K-Rain	78003	3 in. Pro-S	all female threaded	F	fixed and adj.	20-70	8-17	0.5-5.4	1.5-3	n/a
1/2	Rain Bird	1802	2 in. 1800	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1804	4 in. 1800	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1804-SAM	4 in. 1800 w/ CV	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1804-PRS	4 in. 1800 w/ PR	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1804-SAM-PRS	4 in. 1800 w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1804-SAM-P45	4 in. 1800 w/ CV, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1806	6 in. 1800	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1806-NSI	6 in. 1800 No Side Inlet	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1806-SAM	6 in. 1800 w/ CV	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1806-PRS	6 in. 1800 w/ 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1806-SAM-PRS	6 in. 1800 w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1806-SAM-P45	6 in. 1800 w/ CV, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1812	12 in. 1800	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1812-SAM	12 in. 1800 w/ CV	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1812-PRS	12 in. 1800 w/ 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1812-SAM-PRS	12 in. 1800 w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	1812-SAM-P45	12 in. 1800 w/ CV, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD04	4 in. RD1800	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a

SPRAY HEADS

Inlet size (in.)	Manufacturer	Model	Series	Nozzle	M or F thread	Pattern (degrees)	Operation pressure (psi)	Radius (ft.)	Discharge rate (gpm)	Precip. rate (in./hr.)	Gear drive
1/2	Rain Bird	RD04NP	4 in. RD1800 NP	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD04SAMPRS30	4 in. RD1800 w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD04SAMPRS30NP	4 in. RD1800 NP w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD04SAMPRS30F	4 in. RD1800 w/ CV, FS, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD04SAMPRS30FNP	4 in. RD1800 NP w/ CV, FS, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD04SAMPRS45F	4 in. RD1800 w/ CV, FS, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD04SAMPRS45FNP	4 in. RD1800 NP w/ CV, FS, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD06NPNSI	6 in. RD1800 NP No Side Inlet	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD06SAMPRS30	6 in. RD1800 w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD06SAMPRS30NP	6 in. RD1800 NP w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD06SAMPRS30F	6 in. RD1800 w/ CV, FS, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD06SAMPRS30FNP	6 in. RD1800 NP w/ CV, FS, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD06SAMPRS45F	6 in. RD1800 w/ CV, FS, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD06SAMPRS45FNP	6 in. RD1800 NP w/ CV, FS, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD12SAMPRS30	12 in. RD1800 w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD12SAMPRS30NP	12 in. RD1800 NP w/ CV, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD12SAMPRS30F	12 in. RD1800 w/ CV, FS, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD12SAMPRS30FNP	12 in. RD1800 NP w/ CV, FS, 30 PSI PR	all spray/rotary nozzles	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD12SAMPRS45F	12 in. RD1800 w/ CV, FS, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	RD12SAMPRS45FNP	12 in. RD1800 NP w/ CV, FS, 45 PSI PR	rotary nozzles recommended	F	fixed and adj.	15-100	2.5-24	varies	varies	n/a
1/2	Rain Bird	US400	UNI-Spray (Body Only)	all spray/rotary nozzles	F	fixed and adj.	15-70	2.5-24	varies	varies	n/a
1/2	Rain Bird	US410	4 in. UNI-Spray w/ Pre-Installed 10VAN	10 ft. VAN	F	0-360	15-70	7-10	0.48-2.60	2.50-3.80	n/a
1/2	Rain Bird	US412	4 in. UNI-Spray w/ Pre-Installed 12VAN	12 ft. VAN	F	0-360	15-70	9-12	0.39-2.36	1.58-1.86	n/a
1/2	Rain Bird	US415	4 in. UNI-Spray w/ Pre-Installed 15VAN	15 ft. VAN	F	0-360	15-70	11-15	0.65-3.70	1.58-2.07	n/a
1/2	Rain Bird	US418	4 in. UNI-Spray w/ Pre-Installed 18VAN	18 ft. VAN	F	0-360	15-70	14-18	1.05-5.32	1.59-2.07	n/a
1/2	Toro	570Z	570Z Standard	Precision / MPR / TVAN	F	0-360	20-75	0-26	0.04-4.58	0.6-1.73	no
1/2	Toro	570Z LP	570Z Low Pressure	Precision / MPR / TVAN	F	0-360	15-75	0-26	0.04-4.58	0.6-1.73	no
1/2	Toro	570Z COM	570Z w/ Check Valve	Precision / MPR / TVAN	F	0-360	20-75	0-26	0.04-4.58	0.6-1.73	no
1/2	Toro	570Z XF	570Z w/ X-Flow technology	Precision / MPR / TVAN	F	0-360	20-75	0-26	0.04-4.58	0.6-1.73	no
1/2	Toro	570Z PR	570Z w/ Pressure Regulation	Precision / MPR / TVAN	F	0-360	20-75	0-26	0.04-4.58	0.6-1.73	no
1/2	Toro	570Z PRX	570Z w/ X-Flow and Pressure Reg.	Precision / MPR / TVAN	F	0-360	20-75	0-26	0.04-4.58	0.6-1.73	no
1/2	Toro	570Z PRXCOM	570Z w/ X-Flow, Press. Reg., Check Valve	Precision / MPR / TVAN	F	0-360	20-75	0-26	0.04-4.58	0.6-1.73	no
1/2	Toro	LPS 2XX	LPS 200 w/ TVAN nozzle	TVAN	F	0-360	20-50	0-26	0.04-4.58	0.6-1.73	no
1/2	Toro	LPS 4XX	LPS 400 w/ TVAN nozzle	TVAN	F	0-360	20-50	0-26	0.04-4.58	0.6-1.73	no
n/a	Toro	O-T-X-X	Precision	fixed spray	M	60-360	20-75	5-15	0.04-2.4	1	n/a
n/a	Toro	O-X-X	Precision	fixed spray	F	60-360	20-75	5-15	0.04-2.4	1	n/a
n/a	Toro	O-T-X-XP	Precision	pressure-comp. fixed spray	M	60-360	20-75	5-15	0.06-2.68	1	n/a
n/a	Toro	O-X-XP	Precision	pressure-comp. fixed spray	F	60-360	20-75	5-15	0.06-2.68	1	n/a
n/a	Toro	XX-XXX-PC	MPR PLUS	pressure-comp. fixed spray	M	90-360	20-75	5-15	0.05-4.58	1.5	n/a
n/a	Toro	TVANXX	TVAN	variable arc	M	0-360	20-50	8-17	0.58-4.71	2.2	n/a
1/2	Weathermatic	MAX4	Pop-up	various	F	fixed 90-360 / ANN 0-360	15-70	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAX4PRS30	Pressure Reg Installed	various	F	fixed 90-360 / ANN 0-360	15-100	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAX4PRS30-CV	Pressure Reg, Check Valve	various	F	fixed 90-360 / ANN 0-360	15-100	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAX6	Pop-up	various	F	fixed 90-360 / ANN 0-360	15-70	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAX6PRS30	Pressure Reg Installed	various	F	fixed 90-360 / ANN 0-360	15-100	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAX6PRS30-CV	Pressure Reg, Check Valve	various	F	fixed 90-360 / ANN 0-360	15-100	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAXI2	Pop-up	various	F	fixed 90-360 / ANN 0-360	15-70	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAXI2PRS30	Pressure Reg Installed	various	F	fixed 90-360 / ANN 0-360	15-100	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAXI2PRS30-CV	Pressure Reg, Check Valve	various	F	fixed 90-360 / ANN 0-360	15-100	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAXS	Shrub Adapter	various	M or F	fixed 90-360 / ANN 0-360	15-70	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAX4-CV	Pop Up w/ Check Valve	various	F	fixed 90-360 / ANN 0-360	15-70	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAX6-CV	Pop Up w/ Check Valve	various	F	fixed 90-360 / ANN 0-360	15-70	5-18	0.3-75	1.18-5.74	n/a
1/2	Weathermatic	MAXI2-CV	Pop Up w/ Check Valve	various	F	fixed 90-360 / ANN 0-360	15-70	5-18	0.3-75	1.18-5.74	n/a

SPRINKLER SPECIFICATION CHARTS

IMPACT SPRINKLERS

Inlet size (in.)	Manufacturer	Model	Series	Nozzle	Pattern (degrees)	Operation pressure (psi)	Radius (ft.)	Discharge rate (gpm)	Precipitation rate (in./hr.)	Gear drive
1/2	Buckner	17023W	n/a	B	F	25-60	33-44	1.28-5.48	n/a	no
1/2	Buckner	17023R	n/a	B	F	25-60	33-44	1.28-5.48	n/a	no
1/2	Buckner	170W-23W	n/a	B	F	25-60	31-41	0.33-3.51	0.03-0.16	no
1/2	Buckner	170W-23R	n/a	B	F	25-60	29-38	0.56-2.67	0.05-0.17	no
1/2	Buckner	170W-15RP	n/a	B	F	25-50	25-35	0.56-2.45	0.04-0.27	no
1/2	Buckner	90SD	n/a	B	F/P	25-55	35-48	3.54-5.44	0.28-0.35	no
1/2	Buckner	65P	n/a	PI	F/P	25-60	33-47	3.54-5.64	0.34-0.29	no
1/2	Buckner	90DZ	n/a	ZDC	F/P	25-55	34-47	2.11-5.64	0.20-0.28	no
3/4	Buckner	2000SX	n/a	B	F	35-80	40-60	2.53-15.71	0.32-0.56	no
3/4	Buckner	261SDX	n/a	B	F/P	30-60	41-50	3.94-13.73	0.26-0.61	no
1	Buckner	300SAX	n/a	B	F	40-80	47-80	14.61-46.59	0.47-0.89	no
1	Buckner	350SAX	n/a	B	F	40-80	47-80	6.32-46.59	0.29-0.73	no
1	Buckner	360SA	n/a	B	F/P	35-100	49-82	7.75-44.01	0.36-0.73	no
1.25	Buckner	AI120	n/a	B	F	55-95	75-113	24.9-121	0.52-1.05	no
1.25	Buckner	400S	n/a	B	F	65-100	85-117	34.62-132.18	0.35-0.7	no
1.25	Buckner	AI123	n/a	B	F/P	55-95	73-113	24.9-121	0.52-1.05	no
1/2 or 3/4	Irritrol	Titan	Titan	PI	F/PC	30-50	32-45	1.5-7.5	0.14-0.42	no
1/2 or 3/4	Rain Bird	2045A	Maxi-Paw P/ FC	6-12	20-360	25-60	22-45	1.5-8.4	0.28-1.21	no
1/2 or 3/4	Rain Bird	2045A-SAM	Maxi-Paw P/ FC w/ CV	6-12	20-360	25-60	22-45	1.5-8.4	0.28-1.21	no
1/2 or 3/4	Rain Bird	2045A-SAM-NP	Maxi-Paw NP P/ FC w/ CV	6-12	20-360	25-60	22-45	1.5-8.4	0.28-1.21	no
1/2	Rain Bird	2045PJ	Maxi-Bird	6-12	20-360	25-60	22-45	1.5-8.4	0.28-1.21	no
1.5	Toro	TS120V	TS120	PI	F/PC	45-120	62-125	21-121	n/a	no