

# GEARDRIVE Sprinklers

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## Acu-Cover® Nozzle Performance

### PRO 6500SERIES - 25° Trajectory

Nozzle color ●

Pressure	Max Radius	Min Radius	Discharge	Flow Rate	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Flow Rate	
PSI	FT	FT	GPM	in³/min		PSI	ft	ft	in³/min	gpm	
45	44	38	2.8	0.28	61	3.1	390	125	34	23.2	
60	46	38	3.8	0.27		4.1	414	105	108	0.84	5.8
75	48	38	4.8	0.31		5.2	577	140	105	144	0.98
45	48	38	5.2	0.59	62	3.1	390	146	110	137	
60	52	39	6.1	0.41		4.1	414	159	119	201	1.59
75	54	41	7.0	0.44		5.2	577	185	124	285	1.59
45	51	38	7.4	0.52	63	3.1	390	158	117	280	
60	54	41	8.8	0.55		4.1	414	185	124	388	2.00
75	55	41	10.1	0.60		5.2	577	185	126	392	2.29
45	52	39	9.7	0.67	64	3.1	390	159	119	387	
60	57	48	11.6	0.68		4.1	414	174	130	439	2.88
75	60	45	13.2	0.88		5.2	577	188	137	500	3.00

### PRO 7000SERIES - 25° Trajectory

Nozzle color ○

Pressure	Max Radius	Min Radius	Discharge	Flow Rate	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Flow Rate	
PSI	FT	FT	GPM	in³/min		PSI	ft	ft	in³/min	gpm	
45	41	30	5.9	0.64	1	3.1	390	125	34	23.2	
60	42	30	7.2	0.79		4.1	414	125	36	22.9	
75	42	30	7.2	0.79		5.2	577	125	36	22.9	
45	49	30	7.8	0.81	2	6.2	628	131	38	28.5	
45	48	36	6.9	0.85		3.1	390	146	110	261	1.57
60	49	37	7.9	0.71		4.1	414	149	112	397	2.02
75	49	37	7.9	0.71	5.2	577	149	112	397	2.02	
45	52	39	8.7	0.82	3	6.2	628	152	114	321	
60	53	40	9.9	0.85		3.1	390	159	119	369	1.98
75	53	40	9.9	0.85		4.1	414	162	121	375	2.25
45	54	41	11.3	0.95	4	5.2	577	162	121	431	2.59
60	54	41	12.4	0.95		6.2	628	165	123	469	2.82
75	54	41	12.4	0.95		3.1	390	165	123	469	2.82
45	58	41	12.2	0.98	5	4.1	414	165	126	462	
60	58	42	14.0	0.95		5.2	577	171	125	500	3.00
75	58	42	14.0	0.95		6.2	628	177	133	579	3.45
45	58	41	11.5	0.78	6	3.1	390	165	126	435	
60	57	40	13.2	0.78		4.1	414	174	130	500	3.00
75	57	40	13.2	0.78		5.2	577	174	130	500	3.00
45	59	41	11.3	0.77	7	5.2	577	174	130	572	
60	59	41	12.4	0.95		6.2	628	180	135	621	3.79
75	59	41	12.4	0.95		3.1	390	180	135	621	3.79
45	56	42	13.7	0.94	8	4.1	414	180	135	594	
60	59	44	15.7	0.97		5.2	577	186	139	712	4.27
75	61	46	18.8	0.97		6.2	628	192	144	782	4.45

### PRO 7500SERIES - 25° Trajectory

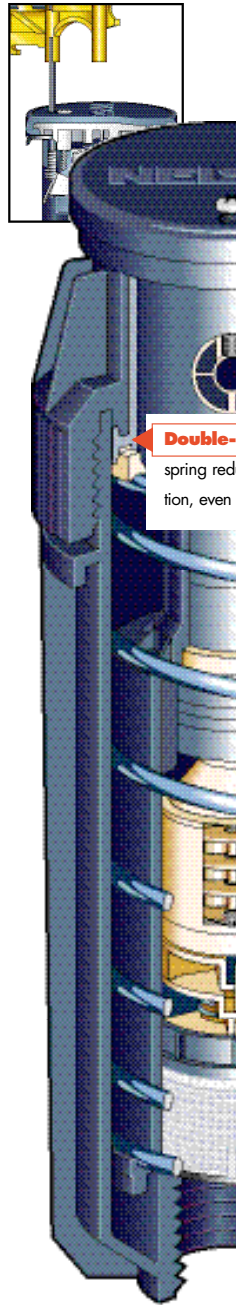
Nozzle color ●

Pressure	Max Radius	Min Radius	Discharge	Flow Rate	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Flow Rate	
PSI	FT	FT	GPM	in³/min		PSI	ft	ft	in³/min	gpm	
45	53	40	9.4	0.84	3	3.1	390	162	121	365	
60	56	42	10.9	0.87		4.1	414	171	128	413	2.47
75	57	40	12.2	0.72		5.2	577	174	130	462	2.77
45	58	44	13.4	0.77	4	6.2	628	177	133	507	
60	58	44	14.4	0.75		3.1	390	165	124	431	2.59
75	59	44	15.2	0.79		4.1	414	170	135	500	3.00
45	61	46	14.9	0.77	5	5.2	577	176	140	564	
60	62	47	16.4	0.82		6.2	628	189	142	621	3.72
75	63	48	17.8	0.79		3.1	390	174	130	466	2.79
45	61	46	14.4	0.75	6	4.1	414	176	140	545	
60	61	46	14.4	0.75		5.2	577	187	149	613	3.65
75	65	49	16.2	0.74		6.2	628	201	151	674	4.04
45	66	50	17.8	0.79	7	4.1	414	185	146	662	
60	64	48	17.5	0.82		5.2	577	207	156	757	4.94
75	65	51	20.0	0.89		6.2	628	207	156	757	4.94
45	68	49	16.6	0.79	8	4.1	414	187	149	742	
60	69	52	21.9	0.86		5.2	577	210	159	806	4.94
75	69	52	21.9	0.86		6.2	628	229	167	931	5.55
45	70	58	24.6	0.89	9	4.1	414	211	151	825	
60	71	59	24.5	0.96		5.2	577	217	162	909	5.69
75	71	59	24.5	0.96		6.2	628	226	169	1031	6.24

### PRO 7503SERIES - 25° Trajectory

Nozzle color ●

Pressure	Max Radius	Min Radius	Discharge	Flow Rate	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Flow Rate	
PSI	FT	FT	GPM	in³/min		PSI	ft	ft	in³/min	gpm	
45	45	36	9.4	0.79	3	3.1	390	146	110	365	
60	50	38	10.9	0.84		4.1	414	153	114	413	2.47
75	50	38	12.2	0.84		5.2	577	159	114	462	2.77
45	51	38	13.4	0.87	4	6.2	628	162	121	507	
60	51	38	14.4	0.85		3.1	390	156	117	431	2.59
75	52	41	14.9	0.85		4.1	414	165	124	500	3.00
45	55	41	16.4	1.04	5	5.2	577	165	126	564	
60	55	39	12.9	0.89		6.2	628	168	126	621	3.72
75	55	39	12.9	0.89		3.1	390	159	119	466	2.79
45	57	43	16.2	0.86	6	4.1	414	165	126	545	
60	57	43	16.2	0.86		5.2	577	174	130	613	3.65
75	57	43	16.2	0.86		6.2	628	177	133	674	4.04
45	58	44	17.8	1.00	7	4.1	414	177	139	662	
60	60	45	20.0	1.07		5.2	577	183	137	757	4.94
75	60	45	20.0	1.07		6.2	628	186	140	825	5.55
45	60	44	18.4	1.12	8	4.1	414	177	139	742	
60	62	45	21.9	1.14		5.2	577	183	137	806	4.94
75	61	46	24.6	1.27		6.2	628	186	140	931	5.55
45	60	44	18.4	1.12	9	4.1	414	180	135	825	
60	61	46	21.9	1.25		5.2	577	186	140	909	5.69
75	61	46	21.9	1.25		6.2	628	195	146	1031	6.24



Continuous full or part-circle options in one sprinkler head eliminates need for multiple models; choose from 40° - 310° or a complete 360° rotation

Full rubber cover on pop-up models is safe and vandal resistant with standard locking screw and **Through the cap - NIR** (nozzle insertion/radius reduction) on all models. Model number is stamped in cover for easy identification

Patented Click-Set® Disk offers adjustable part-circle patterns in 5° increments

**Double-lipped wiper seal** and stainless steel retraction spring reduce unnecessary service calls by assuring positive retraction, even in sandy soils

Exclusive memory ring maintains pattern even if sprinkler is turned out of arc position

Acu-Cover® nozzles provide better close-in watering and eliminate dry spots around head

Ratcheting slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry

**Water lubricated gear motor** provides oil-free, quiet, reliable performance

Triple bearings support the rotating turret and increase durability (7000 & 7500 Series)

Bypass valve reduces pressure loss and standardizes rotation speed regardless of nozzle size, flow rate and inlet pressures

**Large area filter** provides excellent resistance against sand and debris

Anti-drain valve (packed separately, not installed) and heavy-duty spring help eliminate low head drainage and puddling

5 year warranty on materials and workmanship

<sup>1</sup> Precipitation rates for square and triangular spacing calculated at 50% of diameter for half-circle operation. Assumes zero wind for precipitation and radius. Adjust for local conditions.