

SUBJECT	NEW 6000e ROTOR, REPLACEMENT OF THE 5500, 6000 & 6002 ROTOR
RELEASE DATE	SEPTEMBER 4, 2017
GMB NUMBER	2017.09.04
PAGES	1 OF 2

SUMMARY

Signature continues to reinvent and take the next steps in product efficiency and quality. We have sold millions of 6000 Series Gear Driven Rotors that have delivered proven performance for over 20 years. We have consolidated a broad line of rotors and improved the features to have a single 6000e model that has all of the features of the 5500, 6000 & 6002 rotors, plus new features!

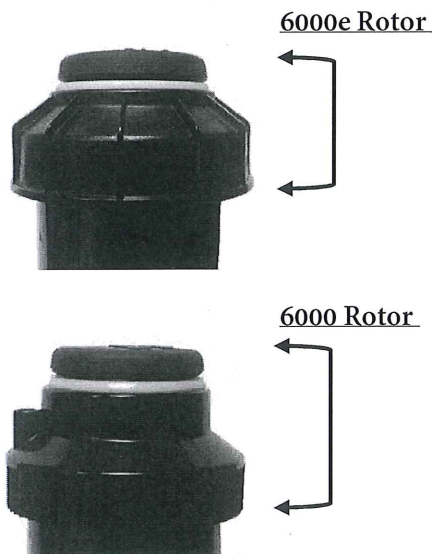
The 6000 Gear Driven Rotor was such a success because of the following reason:

- Easy to Install
- Easily Adjustable Arc Setting (No Tools Required)
- Double Lipped Wiper Seal prevents leakage
- Part Circle & Non-Reversing Full circle in One Unit
- 5 Year Warranty
- Large Area Filter

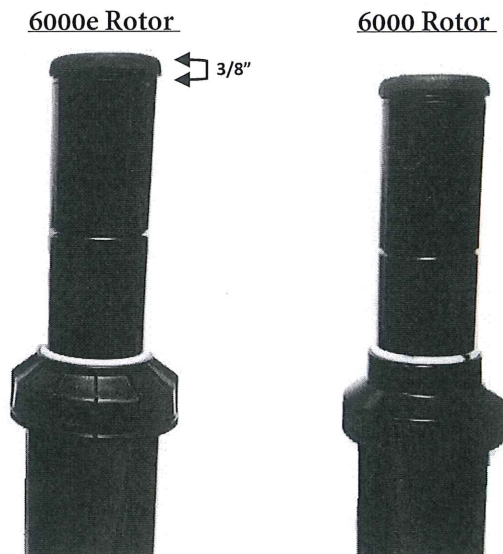
Introducing the new 6000e Rotor with enhanced features and additional flexibility! With the new 6000e, you get all of the features included in the 6000 Series Rotor, *PLUS*:

- Expanded Range- With Additional Nozzles Reach from 14' to 51' (Current is 30' to 51')
- Shelf Consolidation- The 6000e Has Features That Replaces Multiple Models
- Easy Field Access- Ribbed Cap Design Provides Greater Accessibility From The Surface
- Low Profile Design- Keep Lawns Groomed without Damaging Rotor
- Improved Wiper Seal- Added Seal to Ensure Full Water Pressure and Resist Debris
- 5 Filters with incorporated ADV's included in each master carton

6000e Low Profile Design



6000e 3/8" Higher Riser Design



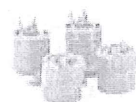
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The following models will be replaced by the NEW 6000e Rotor

- 5500 Rotor • 6000 Rotor • 6002 Rotor

6000e Included Nozzle Chart

Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	GPM	IN/HR ■ IN/HR ▲		BAR kPa	m	m	L/min m³/hr	mm/hr ■ mm/hr ▲
20	18	14	0.5	0.30 0.37	51	1.4 138	5.5	4.1	1.9 0.11	7.5 9.4
35	20	15	0.7	0.34 0.42		2.5 242	6.1	4.6	2.6 0.16	8.6 10.7
50	21	16	0.8	0.35 0.44		3.5 345	6.4	4.8	3.0 0.18	8.9 11.1
20	20	15	0.8	0.39 0.48	52	1.4 138	6.1	4.6	3.0 0.18	9.8 12.2
35	24	18	1.2	0.40 0.50		2.5 242	7.3	5.5	4.5 0.27	10.2 12.7
50	25	19	1.3	0.40 0.50		3.5 345	7.6	5.7	4.9 0.30	10.2 12.7
20	22	17	1.1	0.44 0.55	53	1.4 138	6.7	5.0	4.2 0.25	11.1 13.9
35	27	20	1.6	0.42 0.53		2.5 242	8.2	6.2	6.1 0.36	10.7 13.4
50	28	21	1.8	0.44 0.55		3.5 345	8.5	6.4	6.8 0.41	11.2 14.0
20	23	17	1.6	0.58 0.73	54	1.4 138	7.0	5.3	6.1 0.36	14.8 18.5
35	31	23	2.2	0.44 0.55		2.5 242	9.5	7.1	8.3 0.50	11.2 14.0
50	32	24	2.5	0.47 0.59		3.5 345	9.8	7.3	9.5 0.57	11.9 14.9



Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	GPM	IN/HR ■ IN/HR ▲		BAR kPa	m	m	L/min m³/hr	mm/hr ■ mm/hr ▲
20	30	23	1.0	0.21 0.27	4	1.4 138	9.2	6.9	3.8 0.23	5.4 6.8
35	31	23	1.4	0.28 0.35		2.5 242	9.5	7.1	5.3 0.32	7.1 8.9
50	34	26	1.7	0.28 0.35		3.5 345	10.4	7.8	6.4 0.39	7.2 9.0
20	33	25	1.2	0.21 0.26	5	1.4 138	10.1	7.5	4.5 0.27	5.4 6.7
35	37	28	1.6	0.23 0.28		2.5 242	11.3	8.5	6.1 0.36	5.7 7.1
50	38	29	1.9	0.25 0.32		3.5 345	11.6	8.7	7.2 0.43	6.4 8.0
20	32	24	1.4	0.26 0.33	6	1.4 138	9.8	7.3	5.3 0.32	6.7 8.3
35	38	29	1.9	0.25 0.32		2.5 242	11.6	8.7	7.2 0.43	6.4 8.0
50	40	30	2.3	0.28 0.35		3.5 345	12.2	9.2	8.7 0.52	7.0 8.8
20	38	29	2.2	0.29 0.37	7	1.4 138	11.6	8.7	8.3 0.50	7.5 9.3
35	40	30	2.7	0.33 0.41		2.5 242	12.2	9.2	10.2 0.61	8.3 10.3
50	41	31	3.1	0.36 0.44		3.5 345	12.5	9.4	11.7 0.70	9.0 11.3
35	38	29	3.1	0.41 0.52	8	2.5 242	11.6	8.7	11.7 0.70	10.5 13.1
50	42	32	4.0	0.44 0.54		3.5 345	12.8	9.6	15.1 0.91	11.1 13.8
65	43	32	4.6	0.48 0.60		4.6 449	13.1	9.8	17.4 1.04	12.2 15.2
35	42	32	4.2	0.46 0.57	9	2.5 242	12.8	9.6	15.9 0.95	11.6 14.5
50	47	35	5.4	0.47 0.59		3.5 345	14.3	10.8	20.4 1.23	12.0 14.9
65	48	36	6.3	0.53 0.66		4.6 449	14.6	11.0	23.8 1.43	13.4 16.7
35	42	32	5.4	0.59 0.74	10	2.5 242	12.8	9.6	20.4 1.23	15.0 18.7
50	48	36	6.8	0.57 0.71		3.5 345	14.6	11.0	25.7 1.54	14.4 18.0
65	49	37	8.0	0.64 0.80		4.6 449	14.9	11.2	30.3 1.82	16.3 20.3
35	42	32	6.4	0.70 0.87	11	2.5 242	12.8	9.6	24.2 1.45	17.7 22.1
50	48	36	8.1	0.68 0.84		3.5 345	14.6	11.0	30.7 1.84	17.2 21.4
65	51	38	9.5	0.70 0.88		4.6 449	15.6	11.7	36.0 2.16	17.9 22.3



For additional questions or information, please contact your local Signature representative directly.

Approved for GMB Release by:
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 Director of Retail & Commercial Sales and Marketing
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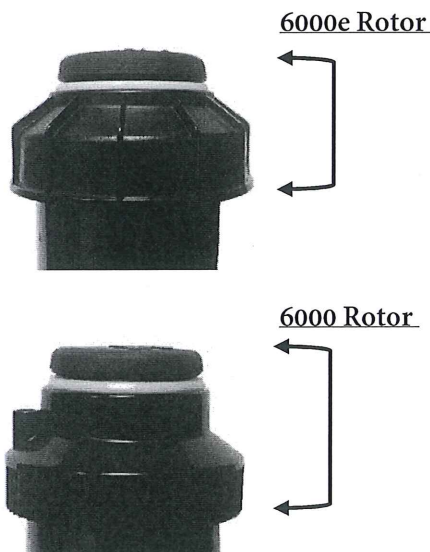
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- Large Area Filter

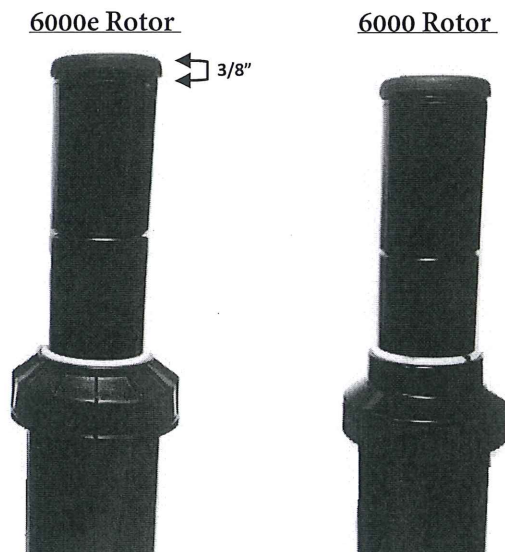
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6000e Low Profile Design



6000e 3/8" Higher Riser Design



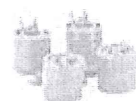
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6000e Included Nozzle Chart

Pressure		Max Radius	Min Radius	Discharge	Precipitation Rate ¹		Nozzle Number	Pressure		Max Radius	Min Radius	Discharge	Precipitation Rate ¹	
PSI	FT	FT	GPM	IN/HR	IN/HR	IN/HR		BAR	kPa	m	m	L/min	m ³ /hr	mm/hr
20	18	14	0.5	0.30	0.37		51	1.4	138	5.5	4.1	1.9	0.11	7.5
35	20	15	0.7	0.34	0.42			2.5	242	6.1	4.6	2.6	0.16	8.6
50	21	16	0.8	0.35	0.44			3.5	345	6.4	4.8	3.0	0.18	8.9
20	20	15	0.8	0.39	0.48		52	1.4	138	6.1	4.6	3.0	0.18	9.8
35	24	18	1.2	0.40	0.50			2.5	242	7.3	5.5	4.5	0.27	10.2
50	25	19	1.3	0.40	0.50			3.5	345	7.6	5.7	4.9	0.30	10.2
20	22	17	1.1	0.44	0.55		53	1.4	138	6.7	5.0	4.2	0.25	11.1
35	27	20	1.6	0.42	0.53			2.5	242	8.2	6.2	6.1	0.36	10.7
50	28	21	1.8	0.44	0.55			3.5	345	8.5	6.4	6.8	0.41	11.2
20	23	17	1.6	0.58	0.73		54	1.4	138	7.0	5.3	6.1	0.36	14.8
35	31	23	2.2	0.44	0.55			2.5	242	9.5	7.1	8.3	0.50	11.2
50	32	24	2.5	0.47	0.59			3.5	345	9.8	7.3	9.5	0.57	11.9



Pressure		Max Radius	Min Radius	Discharge	Precipitation Rate ¹		Nozzle Number	Pressure		Max Radius	Min Radius	Discharge	Precipitation Rate ¹	
PSI	FT	FT	GPM	IN/HR	IN/HR	IN/HR		BAR	kPa	m	m	L/min	m ³ /hr	mm/hr
20	30	23	1.0	0.21	0.27		4	1.4	138	9.2	6.9	3.8	0.23	5.4
35	31	23	1.4	0.28	0.35			2.5	242	9.5	7.1	5.3	0.32	7.1
50	34	26	1.7	0.28	0.35			3.5	345	10.4	7.8	6.4	0.39	7.2
20	33	25	1.2	0.21	0.26		5	1.4	138	10.1	7.5	4.5	0.27	5.4
35	37	28	1.6	0.23	0.28			2.5	242	11.3	8.5	6.1	0.36	5.7
50	38	29	1.9	0.25	0.32			3.5	345	11.6	8.7	7.2	0.43	6.4
20	32	24	1.4	0.26	0.33		6	1.4	138	9.8	7.3	5.3	0.32	6.7
35	38	29	1.9	0.25	0.32			2.5	242	11.6	8.7	7.2	0.43	6.4
50	40	30	2.3	0.28	0.35			3.5	345	12.2	9.2	8.7	0.52	7.0
20	38	29	2.2	0.29	0.37		7	1.4	138	11.6	8.7	8.3	0.50	7.5
35	40	30	2.7	0.33	0.41			2.5	242	12.2	9.2	10.2	0.61	8.3
50	41	31	3.1	0.36	0.44			3.5	345	12.5	9.4	11.7	0.70	9.0
35	38	29	3.1	0.41	0.52		8	2.5	242	11.6	8.7	11.7	0.70	10.5
50	42	32	4.0	0.44	0.54			3.5	345	12.8	9.6	15.1	0.91	11.1
65	43	32	4.6	0.48	0.60			4.6	449	13.1	9.8	17.4	1.04	12.2
35	42	32	4.2	0.46	0.57		9	2.5	242	12.8	9.6	15.9	0.95	11.6
50	47	35	5.4	0.47	0.59			3.5	345	14.3	10.8	20.4	1.23	12.0
65	48	36	6.3	0.53	0.66			4.6	449	14.6	11.0	23.8	1.43	13.4
35	42	32	5.4	0.59	0.74		10	2.5	242	12.8	9.6	20.4	1.23	15.0
50	48	36	6.8	0.57	0.71			3.5	345	14.6	11.0	25.7	1.54	14.4
65	49	37	8.0	0.64	0.80			4.6	449	14.9	11.2	30.3	1.82	16.3
35	42	32	6.4	0.70	0.87		11	2.5	242	12.8	9.6	24.2	1.45	17.7
50	48	36	8.1	0.68	0.84			3.5	345	14.6	11.0	30.7	1.84	17.2
65	51	38	9.5	0.70	0.88			4.6	449	15.6	11.7	36.0	2.16	17.9



For additional questions or information, please contact your local Signature representative directly.

Approved for GMB Release by:

Ali Atash

Director of Retail & Commercial Sales and Marketing

ali.atash@scsmail.com

Signature®

6000e PRO SERIES

6000e PRO SERIES Nozzle Color: Yellow 13° trajectory

(20 nozzle trees included in master carton)

Pressure	Radius	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Radius	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	FT	GPM	IN/Hr	IN/Hr	BAR	kPa	m	m	L/min	mm/hr
20	18	14	14	0.5	0.30	0.37	1.4	138	5.5	4.1	1.9	0.11
35	20	15	15	0.7	0.34	0.42	2.5	242	6.1	4.6	2.6	0.16
50	21	16	16	0.8	0.35	0.44	3.5	345	6.4	4.8	3.0	0.18
20	20	15	15	0.8	0.39	0.48	1.4	138	6.1	4.6	3.0	0.18
35	24	18	18	1.2	0.40	0.50	2.5	242	7.3	5.5	4.5	0.27
50	25	19	19	1.3	0.40	0.50	3.5	345	7.6	5.7	4.9	0.30
20	22	17	17	1.1	0.44	0.55	1.4	138	6.7	5.0	4.2	0.25
35	27	20	20	1.6	0.42	0.53	2.5	242	8.2	6.2	6.1	0.36
50	28	21	21	1.8	0.44	0.55	3.5	345	8.5	6.4	6.8	0.41
20	23	17	17	1.6	0.58	0.73	1.4	138	7.0	5.3	6.1	0.36
35	31	23	22	2.2	0.44	0.55	2.5	242	9.5	7.1	8.3	0.50
50	32	24	24	2.5	0.47	0.59	3.5	345	9.8	7.3	9.5	0.57

6000e PRO SERIES

Nozzle Color: Blue 25° trajectory

(20 nozzle trees included in master carton)

Pressure	Radius	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Radius	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	FT	GPM	IN/Hr	IN/Hr	BAR	kPa	m	m	L/min	mm/hr
20	30	23	23	1.0	0.21	0.27	1.4	138	9.2	6.9	3.8	0.23
35	31	23	23	1.4	0.28	0.35	2.5	242	9.5	7.1	5.3	0.32
50	34	26	26	1.7	0.28	0.35	3.5	345	10.4	7.8	6.4	0.39
20	33	25	25	1.2	0.21	0.26	1.4	138	10.1	7.5	4.5	0.27
35	37	28	28	1.6	0.23	0.28	2.5	242	11.3	8.5	6.1	0.36
50	38	29	29	1.9	0.25	0.32	3.5	345	11.6	8.7	7.2	0.43
20	32	24	24	1.4	0.26	0.33	1.4	138	9.8	7.3	5.3	0.32
35	38	29	29	1.9	0.25	0.32	2.5	242	11.6	8.7	7.2	0.43
50	40	30	30	2.3	0.28	0.35	3.5	345	12.2	9.2	8.7	0.52
20	38	29	29	2.2	0.29	0.37	1.4	138	11.6	8.7	8.3	0.50
35	40	30	30	2.7	0.33	0.41	2.5	242	12.2	9.2	10.2	0.61
50	41	31	31	3.1	0.36	0.44	3.5	345	12.5	9.4	11.7	0.70
20	38	29	29	3.1	0.41	0.52	2.5	242	11.6	8.7	11.7	0.70
35	42	32	32	4.0	0.44	0.54	3.5	345	12.8	9.6	15.1	0.91
50	43	32	32	4.6	0.48	0.60	4.6	449	13.1	9.8	17.4	1.04
20	42	32	32	4.2	0.46	0.57	2.5	242	12.8	9.6	15.9	0.95
35	47	35	35	5.4	0.47	0.59	3.5	345	14.3	10.8	20.4	1.23
50	48	36	36	6.3	0.53	0.66	4.6	449	14.6	11.0	23.8	1.43
20	42	32	32	5.4	0.59	0.74	2.5	242	12.8	9.6	20.4	1.23
35	48	36	36	6.3	0.53	0.66	3.5	345	14.6	11.0	25.7	1.54
50	49	37	37	8.0	0.64	0.80	4.6	449	14.9	11.2	30.3	1.82
20	42	32	32	6.4	0.70	0.87	2.5	242	12.8	9.6	24.2	1.45
35	48	36	36	8.1	0.88	1.04	3.5	345	14.6	11.0	30.7	1.84
50	51	38	38	9.5	0.70	0.88	4.6	449	15.6	11.7	36.0	2.16

6095 LOW ANGLE Nozzle Color: Green 13° trajectory

(optional for 6000 series only-Not included in master carton)

Pressure	Radius	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Radius	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	FT	GPM	IN/Hr	IN/Hr	BAR	kPa	m	m	L/min	mm/hr
20	26	20	20	0.9	0.26	0.32	1.4	138	7.9	5.9	3.4	0.20
35	33	25	25	1.3	0.23	0.29	2.5	242	10.1	7.5	4.9	0.30
50	34	26	26	1.5	0.25	0.31	3.5	345	10.4	7.8	5.7	0.34
20	26	20	20	1.1	0.31	0.39	1.4	138	7.9	5.9	4.2	0.25
35	33	25	25	1.4	0.25	0.31	2.5	242	10.1	7.5	5.3	0.32
50	35	26	26	1.7	0.27	0.33	3.5	345	10.7	8.0	6.4	0.39
20	26	20	20	1.4	0.40	0.50	1.4	138	7.9	5.9	5.3	0.32
35	33	25	25	1.9	0.34	0.42	2.5	242	10.1	7.5	7.2	0.43
50	36	27	27	2.3	0.34	0.43	3.5	345	11.0	8.2	8.7	0.52
20	31	23	23	2.5	0.50	0.62	1.4	138	9.5	7.1	9.5	0.57
35	35	26	26	3.1	0.49	0.61	2.5	242	10.7	8.0	11.7	0.70
50	37	28	28	3.5	0.49	0.61	3.5	345	11.3	8.5	13.2	0.79
20	32	24	24	3.2	0.60	0.75	2.5	242	9.8	7.3	12.1	0.73
35	38	29	29	4.0	0.53	0.67	3.5	345	11.6	8.7	15.1	0.91
50	39	29	29	4.7	0.60	0.74	4.6	449	11.9	8.9	17.8	1.07
20	34	26	26	3.9	0.65	0.81	2.5	242	10.4	7.8	14.8	0.89
35	37	28	28	4.9	0.69	0.86	3.5	345	11.3	8.5	18.5	1.11
50	40	30	30	5.7	0.69	0.86	4.6	449	12.2	9.2	21.6	1.29
20	33	25	25	5.1	0.90	1.12	2.5	242	10.1	7.5	19.3	1.16
35	39	29	29	6.4	0.81	1.01	3.5	345	11.9	8.9	24.2	1.45
50	42	32	32	7.5	0.82	1.02	4.6	449	12.8	9.6	28.4	1.70

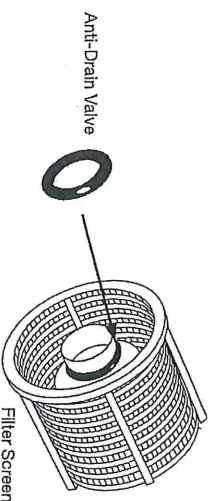
¹ Precipitation rates for square and triangular spacing calculated at 50% of diameter for half-circle operation. Assumes zero wind for precipitation and radius. Adjust for local conditions.

ANTI-DRAIN VALVES

(5 included in master carton)

For Signature 6000e Pro Series Gear Drive Sprinklers

INSTRUCTIONS:
Remove the piston assembly by unscrewing the canister top. With the filter end facing up, place the Anti-Drain Valve onto the center hub of the filter screen. The ADV ring should be rolled down so that it is flush against the bottom of the center hub. Reassemble the sprinkler.



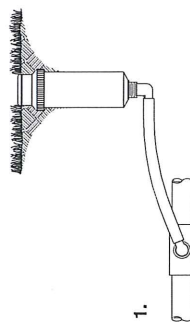
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GEAR DRIVE INSTALLATION & ADJUSTMENT

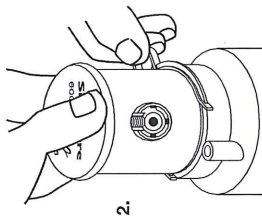
1. ATTACH TO UNDERGROUND PIPE

CAUTION: Do not use pipe dope. Make sure the gear drive is installed at the finished grade height.



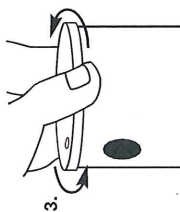
2. CLAMP IN "UP" POSITION

Grab protective cap and pull up until seam appears, slip clamp in place.



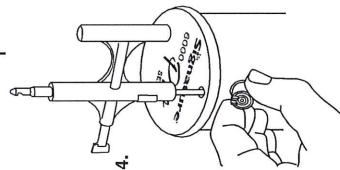
3. REMOVING BAYONET PROTECTIVE CAP

It works much like a medicine bottle cap and helps to insure the protective cap stays assembled. It is safe and vandal resistant when optional screw is installed. All models are designated with model number stamped in rubber cover for easy identification.

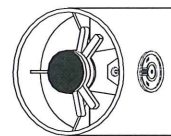


4. SELECT AND INSTALL NOZZLE

Back out nozzle retaining screw. Slip nozzle into hole and replace screw. Make sure screw is driven in enough to clear surrounding plastic, or bayonet cap will not twist on.



For heads at the bottom of slopes, an ADV disk can be installed to reduce run-off when the system is off.



5. FULL CIRCLE ADJUSTMENT

For FULL CIRCLE; leave black side up. No need to set collars.

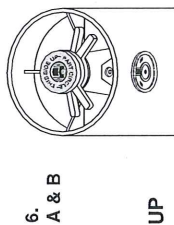
6. PART CIRCLE ADJUSTMENT

A. REMOVE CLICK-SET® DISK

and manually turn sprinkler until nozzle points to the center of the desired watering area.

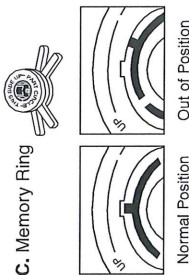
B. PLACE CLICK-SET® DISK IN POSITION GRAY SIDE UP

Adjust collars to desired angle.



C. MEMORY RING PROTECTION

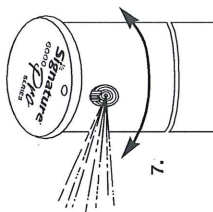
If sprinkler is manually turned past the set pattern, the memory ring will pop temporarily out of position while the sprinkler rotates around to its original part circle pattern. If the memory ring gets out of position while you are setting the pattern, remove the disk and rotate the ring with your fingers until the tab clicks into place.



7. QUICK ADJUST

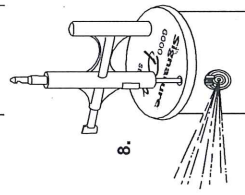
Ratcheting piston allows for quick turret adjustment for part-circle applications—wet or dry.

* The ratcheting piston will not break during adjustment.



8. CHECK WITH WATER ON

Check part circle patterns. Turn diffuser screw clockwise to diffuse spray as needed. Make sure top of diffuser screw is below surrounding plastic.



CAUTION: Turn water on SLOWLY to bleed air during initial start-up. We recommend a velocity fill rate of less than 2 feet per second.

9. REPLACE BAYONET CAP

A. STANDARD INSTALLATION

Twist bayonet cap on and make sure it snaps into the locking position.

B. LOCKING SCREW

Twist cap on and line up with nozzle. Turn screw in through dimple on top of cap. Screw in until top of screw is recessed into rubber.

