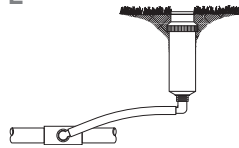


Gear Drive Installation & Adjustment

1 ATTACH TO UNDERGROUND PIPE

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



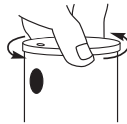
2 CLAMP IN "UP" POSITION

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



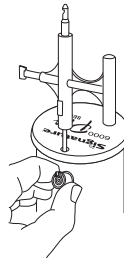
3 REMOVING BAYONET PROTECTIVE CAP

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.

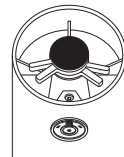


4 SELECT AND INSTALL NOZZLE

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.

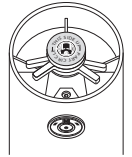


5 FULL CIRCLE ADJUSTMENT

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

6 PART CIRCLE ADJUSTMENT

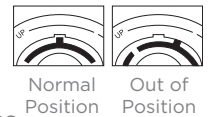
A. REMOVE CLICK-SET® DISK and manually turn sprinkler until nozzle points to the center of the desired watering area.



B. PLACE CLICK-SET® DISK IN POSITION GRAY SIDE UP Adjust collars to desired angle.



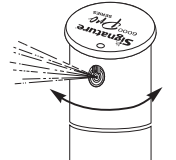
C. MEMORY RING PROTECTION If sprinkler is manually turned past the set pattern, the memory ring will pop temporarily out of position while the sprinkler rotates around to its original part circle pattern.



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.

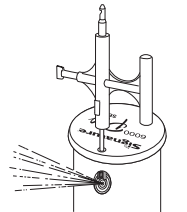
7 QUICK ADJUST

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

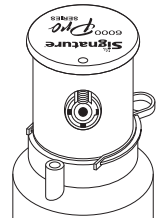
Check part circle patterns. Turn diffuser screw clockwise to diffuse spray as needed. Make sure top of diffuser screw is below surrounding plastic.



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.

6500 Pro Series 25° Trajectory

Metric														
Nozzle	Pressure PSI	Max. Radius* ft.	Min. Radius* ft.	Flow GPM	Precip. in/hr ■	Precip. in/hr ▲	Pressure BAR	Pressure kPa	Max. Radius m	Min. Radius* m	Flow L/min	Flow m3/hr	Precip. mm/hr ■	Precip. mm/hr ▲
61	45	44	33	2.8	0.23	0.29	3.1	310	13.4	10.1	10.6	0.64	5.8	7.2
	60	46	35	3.3	0.27	0.34	4.1	414	14	10.5	12.5	0.75	6.9	8.6
	75	46	35	3.8	0.31	0.39	5.2	517	14	10.5	14.4	0.86	7.9	9.8
62	45	48	36	5.2	0.39	0.49	3.1	310	14.6	11	19.7	1.18	10	12.4
	60	52	39	6.1	0.41	0.52	4.1	414	15.9	11.9	23.1	1.39	10.5	13.1
	75	54	41	7	0.44	0.54	5.2	517	16.5	12.4	26.5	1.59	11.1	13.8
63	45	51	38	7.4	0.52	0.65	3.1	310	15.6	11.7	28	1.68	13.2	16.4
	60	54	41	8.8	0.55	0.68	4.1	414	16.5	12.4	33.3	2	13.9	17.4
	75	55	41	10.1	0.6	0.75	5.2	517	16.8	12.6	38.2	2.29	15.4	19.2
64	45	52	39	9.7	0.67	0.83	3.1	310	15.9	11.9	36.7	2.2	17	21.2
	60	57	43	11.6	0.66	0.82	4.1	414	17.4	13	43.9	2.63	16.7	20.8
	75	60	45	13.2	0.66	0.84	5.2	517	18.3	13.7	50	3	17.1	21.4

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.

6503 Pro Series 25° Trajectory

Metric														
Nozzle	Pressure PSI	Max. Radius* ft.	Min. Radius* ft.	Flow GPM	Precip. in/hr ■	Precip. in/hr ▲	Pressure BAR	Pressure kPa	Max. Radius m	Min. Radius* m	Flow L/min	Flow m3/hr	Precip. mm/hr ■	Precip. mm/hr ▲
61	45	43	32	2.8	0.29	0.34	3.1	310	13.1	9.8	10.6	0.64	32.3	37.3
	60	43	32	3.3	0.34	0.40	4.1	414	13.1	9.8	12.5	0.75	38.1	44.0
	75	43	32	3.8	0.40	0.46	5.2	517	13.1	9.8	14.4	0.86	43.8	50.6
62	45	44	33	5.2	0.52	0.60	3.1	310	13.4	10.1	19.7	1.18	57.3	66.1
	60	46	35	6.1	0.56	0.64	4.1	414	14.0	10.5	23.1	1.39	61.5	71.0
	75	47	35	7.0	0.61	0.71	5.2	517	14.3	10.7	26.5	1.59	67.6	78.0
63	45	48	36	7.4	0.62	0.72	3.1	310	14.6	11.0	28.0	1.68	68.5	79.1
	60	50	38	8.8	0.68	0.79	4.1	414	15.2	11.4	33.3	2.00	75.1	86.7
	75	50	38	10.1	0.78	0.90	5.2	517	15.2	11.4	38.2	2.29	86.2	99.5
64	5	46	35	9.7	0.89	1.02	3.1	310	14.0	10.5	36.7	2.20	97.8	112.9
	60	49	37	11.6	0.93	1.08	4.1	414	14.9	11.2	43.9	2.63	103.0	119.0
	75	51	38	13.2	0.98	1.13	5.2	517	15.5	11.7	50.0	3.00	108.2	125.0

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.