



ROTORS 6000E PRO SERIES

✓ Proven Track Record with Superior 5-Year Warranty

- It's an industry classic that has been enhanced and backed by Weathermatic!

✓ Simple Circular Adjustments

- Point and shoot: no tools necessary, no training needed!

✓ Four-in-One Field-Selectable Rotor

- The 6000 full & part circle and the 5500 (low trajectory) full & part circle rotors all combined into the 6000E!

✓ Automated Arc Reset

- If the arc is accidentally rotated out of original set arc!

✓ More Style Option

- The 6000E can come as stainless steel and/or 12" models!

✓ Anti-Vandalism Cap

- Designed to be replaceable, but can be screwed down on top of the rotor!

✓ Robust Internals

- Strong spring mechanism keeps retraction on point, and the gearbox is self-lubricating to withstand years of service!



6000 Series Specifications

MODEL	DESCRIPTION
6000E	6000E-Pro
6000RW	6000-Pro for Reclaimed Water
6000-7	6000-Pro with #7 Nozzle, Factory Installed
6001	6000-Pro Shrub Head
6002	6000-Pro with ADV
6005	6000-Pro with Stainless Steel Riser and ADV
6012	6000-Pro 12" High-pop, with ADV

FEATURES

- Bayonet protective cap.
- NIR2 feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments.
- Eight interchangeable Acu-Cover nozzles ranging from 1.0 to 9.5 gpm (0,23 - 2,16 m³/hr).
- Seven optional low-angle nozzles (13°) for windy areas or for throwing under trees.
- Proven reliability of the water driven gear motor.
- 6012 Pro pops up a full 12" (30,5 cm). Ideal for shrubs and ground cover areas, at the base of hillsides where risers are not appropriate and where liability is a concern.
- Click-Set® collars are quick and easy to adjust.
- Continuous 360° rotation or part-circle adjustable 40° to 310°.
- Ratcheting slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry.
- Wrench, piston clamp and installation instructions included (Model 6001 has no clamp).

6000E Pro Accessories

Accessories

MODEL	DESCRIPTION
6090-6KSRS	Lavender Cover
6096-6KSRS	Wrench
6099-6KSRS	Anti-drain valve (not shown)



6096-6KSRS



6090-6KSRS



50 gallons given per rotor

Our mission is to deliver clean drinking water to thousands of families in need, and to inspire our partners to put water first in irrigation, design, installation, and maintenance.

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ROTORS 6000E PRO SERIES

6000E Pro Series

Professional Series Rotor

DIMENSIONS

MODEL	POP-UP HEIGHT	BODY HEIGHT
6000E	4" (10 cm)	7 3/8" (18.7 cm)
6000RW		
6000-7		
6005	7 1/2" (19 cm)	16 7/8" (43 cm)
6001		
6012	12" (30.5 cm)	

EXPOSED CAP DIAMETER: 1 7/8" (4.7 cm)

CAP DIAMETER: 2 7/8" (7.3 cm)

INLET SIZE:
3/4" (19 mm) Female (NPT and BSP)

SCREEN MESH:
.045 sq. in. (1.14 mm2) / 1150 micron

OPERATING RANGE

MODEL	PSI (BAR)
6000E	20 - 65 PSI (1.4 - 4.5 BAR)
6001	
6002	
6005	25 - 65 PSI (1.7 - 4.5 BAR)
6012	

PRECIPITATION RATE

0.21 - 1.02" per hour
(5.4 - 25.9 mm per hour)

RADIUS

23 - 51' (7.0 - 15.5 m)

PRESSURE

20 - 65 PSI (3.1 - 5.2 BAR)

FLOW

1.0 - 9.5 GPM (0.23 - 2.16 m³/hr)

SPRAY TRAJECTORY

25° (standard nozzle); 13° (low angle nozzle)

TYPE OF CAP

Rubber with locking screw

ADV MODELS

Holds back up to 10' (3 m) difference in elevation

77576 - 25° Trajectory

Nozzle	Pressure PSI	Max. Radius* ft.	Min. Radius* ft.	Flow GPM	Precip. in/hr ■	Precip. in/hr ▲	Metric							
							Pressure BAR	Pressure kPa	Max. Radius m	Min. Radius* m	Flow L/min	Flow m ³ /hr	Precip. mm/ hr ■	Precip. mm/ hr ▲
4	20	30	23	1.0	0.21	0.27	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
5	20	33	25	1.2	0.21	0.26	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
6	20	32	24	1.4	0.26	0.33	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
7	20	38	29	2.2	0.29	0.37	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
8	35	38	29	3.1	0.41	0.52	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
9	35	42	32	4.2	0.46	0.57	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
10	35	42	32	5.4	0.59	0.74	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
11	35	42	32	6.4	0.70	0.87	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

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.

6095 - Low Angle 13° Trajectory

Nozzle	Pressure PSI	Max. Radius* ft.	Min. Radius* ft.	Flow GPM	Precip. in/hr ■	Precip. in/hr ▲	Metric							
							Pressure BAR	Pressure kPa	Max. Radius m	Min. Radius* m	Flow L/min	Flow m ³ /hr	Precip. mm/ hr ■	Precip. mm/ hr ▲
4	20	26	20	0.9	0.26	0.32	1.4	138	7.9	5.9	3.4	0.2	6.5	8.1
	35	33	25	1.3	0.23	0.29	2.5	242	10.1	7.5	4.9	0.3	5.8	7.3
	50	34	26	1.5	0.25	0.31	3.5	345	10.4	7.8	5.7	0.34	6.3	7.9
5	20	26	20	1.1	0.31	0.39	1.4	138	7.9	5.9	4.2	0.25	8	9.9
	35	33	25	1.4	0.25	0.31	2.5	242	10.1	7.5	5.3	0.32	6.3	7.8
	50	35	26	1.7	0.27	0.33	3.5	345	10.7	8	6.4	0.39	6.8	8.5
6	20	26	20	1.4	0.4	0.5	1.4	138	7.9	5.9	5.3	0.32	10.1	12.6
	35	33	25	1.9	0.34	0.42	2.5	242	10.1	7.5	7.2	0.43	8.5	10.6
	50	36	27	2.3	0.34	0.43	3.5	345	11	8.2	8.7	0.52	8.7	10.8
7	20	31	23	2.5	0.5	0.62	1.4	138	9.5	7.1	9.5	0.57	12.7	15.9
	35	35	26	3.1	0.49	0.61	2.5	242	10.7	8	11.7	0.7	12.4	15.4
	50	37	28	3.5	0.49	0.61	3.5	345	11.3	8.5	13.2	0.79	12.5	15.6
8	35	32	24	3.2	0.6	0.75	2.5	242	9.8	7.3	12.1	0.73	15.3	19.1
	50	38	29	4	0.53	0.67	3.5	345	11.6	8.7	15.1	0.91	13.6	16.9
	65	39	29	4.7	0.6	0.74	4.6	449	11.9	8.9	17.8	1.07	15.1	18.9
9	35	34	26	3.9	0.65	0.81	2.5	242	10.4	7.8	14.8	0.89	16.5	20.6
	50	37	28	4.9	0.69	0.86	3.5	345	11.3	8.5	18.5	1.11	17.5	21.8
	65	40	30	5.7	0.69	0.86	4.6	449	12.2	9.2	21.6	1.29	17.4	21.7
10	35	33	25	5.1	0.9	1.12	2.5	242	10.1	7.5	19.3	1.16	22.9	28.6
	50	39	29	6.4	0.81	1.01	3.5	345	11.9	8.9	24.2	1.45	20.6	25.7
	65	42	32	7.5	0.82	1.02	4.6	449	12.8	9.6	28.4	1.7	20.8	25.9

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.



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