

RESIDENTIAL & COMMERCIAL ROTORS

6000

6000-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" (30,5 cm)
High-Pop, with ADV



6090



6096



SPECIFICATIONS

OPERATING RANGE:

20-65 psi (1,4 – 4,5 bar) (6000, 6001, 6002)

25-65 psi (1,7 – 4,5 bar) (6005, 6012)

MAXIMUM PRESSURE:

75 psi (5,2 bar)

DISCHARGE:

1.0 to 9.5 gpm (0,23 – 2,16 m³/hr)

SPRAY TRAJECTORY:

25°

POP-UP HEIGHT:

4" (10 cm) (6000, 6005)

12" (30,5 cm) (6012)

BODY HEIGHT:

7½" (19 cm) (6001)

7¾" (18,7 cm) (6000, 6005)

16¾" (43 cm) (6012)

EXPOSED CAP DIAMETER:

17/8" (4,7 cm)

CAP DIAMETER:

27/8" (7,3 cm)

TYPE OF CAP:

Rubber with locking screw

INLET SIZE:

¾" (19 mm) female (NPT and BSP)

SCREEN MESH:

.045 sq. in. (1,14 mm²) / 1150 micron

ADV MODELS:

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

PER BOX:

10 (6012)

20 (6000, 6000RW, 6000-7, 6001, 6002, 6005)

Accessories

6090

Lavender Cover

6096

Wrench

6099

Anti-drain valve (not shown)

Radius reduction
adjustment hole

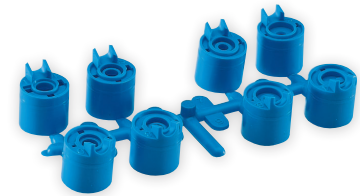
Pull-up slot



6000 PRO SERIES

25° trajectory (Part Numbers - 77576)

Nozzle color



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).

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	IN/HR		BAR	kPa	m	m	L/min	m ³ /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

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 (optional for 6000 series only)

(Part Numbers - 6095)

Nozzle color



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	IN/HR		BAR	kPa	m	m	L/min	m ³ /hr	mm/hr	mm/hr
20	26	20	0.9	0.26	0.32			4	1.4	138	7.9	5.9	3.4	0.20	6.5	8.1
35	33	25	1.3	0.23	0.29				2.5	242	10.1	7.5	4.9	0.30	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
20	26	20	1.1	0.31	0.39			5	1.4	138	7.9	5.9	4.2	0.25	8.0	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	8.0	6.4	0.39	6.8	8.5
20	26	20	1.4	0.40	0.50			6	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	11.0	8.2	8.7	0.52	8.7	10.8
20	31	23	2.5	0.50	0.62			7	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	8.0	11.7	0.70	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
35	32	24	3.2	0.60	0.75			8	2.5	242	9.8	7.3	12.1	0.73	15.3	19.1
50	38	29	4.0	0.53	0.67				3.5	345	11.6	8.7	15.1	0.91	13.6	16.9
65	39	29	4.7	0.60	0.74				4.6	449	11.9	8.9	17.8	1.07	15.1	18.9
35	34	26	3.9	0.65	0.81			9	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
35	33	25	5.1	0.90	1.12			10	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	1.70	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.

ROTORS



SIGNATURE CONTROL SYSTEMS, INC.

www.SignatureControlSystems.com

WORLD HEADQUARTERS
18 Goodyear • Suite 110
Irvine • California • 92618
Tel: 949.580.3640
Fax: 949.580.3645

MANUFACTURING FACILITY
8800 N.Allen Rd.,
Peoria • Illinois • 61615
Tel: 949.580.3640
Fax: 949.580.3645

EUROPE & MIDDLE EAST
5 rue de la Vallée Yart
78640 Saint Germain de la Grange
France
Tel: +33.13.489.9056
Fax: +33.13.489.6025

REGIONAL OFFICES
ASIA
NanXian Plaza • MinZhi Street • Shenzhen,
Guangdong Province • 518131
Tel: (86) 136.00419465 • Fax: (86) 755.83275012
SOUTH AMERICA
Av Paseo Los Bravos 6000 • Lo Barnechea
Santiago • Chile
Tel/Fax: +56 229.556220

MEXICO, CENTRAL AMERICA
Ribera Escondida 118 • Ribera Del Campestre
38080 Celaya • Gto. • Mexico
Tel/Fax: +52 (461) 614.2322
AFRICA
P.O. Box 1260 • Strubensville 1735
Roodepoort • South Africa
Office & Mobile: +27 82 553 9093 • Fax: 086 670 6318

USA Toll Free: 866.4SIGNATURE