

SPECIFICATIONS

Operating range:

40-75 psi

Maximum pressure:

80 psi

Discharge:

2.3 to 12.6 gpm

Spray trajectory:

25°

Pop-up height:

4"

Body height:

8"

Exposed cap diameter:

1 7/8"

Cap diameter:

2 7/8"

Type of cap:

Rubber with locking screw

Inlet size:

1" female NPT (6500, 6503, 6505)

1" female BSP (6510, 6513, 6515)

Screen mesh:

.045 sq. in. / 1150 micron

ADV models:

Holds back up to 10' difference in elevation

per box:

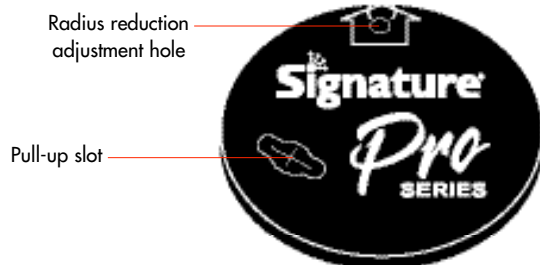
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6500 PRO(6510)
Standard with anti-drain valve (ADV)

6503 PRO(6513)
High speed rotation and stainless steel piston sleeve

6505 PRO(6515)
Stainless steel piston sleeve, heavy-duty spring and anti-drain valve (ADV)

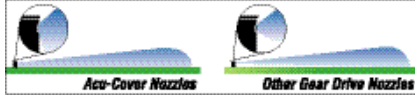
Note: Versions in parenthesis feature BSP threading



6500 pro series

FEATURES

- New - Bayonet protective cap that works much like a medicine bottle cap and helps to insure the protective cap stays assembled
- NIR² feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments
- Four interchangeable Acu-Cover nozzles ranging from 2.3 to 12.6 gpm
- Rubber cap has locking screw (6092) for vandal protection (standard on all units)
- Proven reliability of the water driven gear motor
- Click-Set[®] collars are quick and easy to adjust
- Continuous 360° rotation or part-circle adjustment 40° to 310°
- Silent slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry
- 6503 Pro offers one minute revolution for quick syringe applications
- Heavy-duty case with stabilizer ribs increases stability even in loose soil
- Wrench, piston clamp and installation instructions included
- 5 year warranty on materials and workmanship

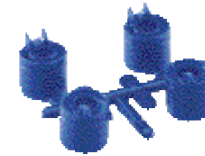


	Max		Min		Precipitation		Nozzle	Max		Min				
	PSI	FT	FT	GPM	N/HR	■		BAR	kPa	m	m			L/min
45	44	33	2.8	0.23	0.29	61	3.1	310	13.4	10.1	10.6	0.64	5.8	7.2
60	46	35	3.3	0.27	0.34		4.1	414	14.0	10.5	12.5	0.75	6.9	8.6
75	46	35	3.8	0.31	0.39		5.2	517	14.0	10.5	14.4	0.86	7.9	9.8
45	48	36	5.2	0.39	0.49	62	3.1	310	14.6	11.0	19.7	1.18	10.0	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	0.44	0.54		5.2	517	16.5	12.4	26.5	1.59	11.1	13.8
45	51	38	7.4	0.52	0.65	63	3.1	310	15.6	11.7	28.0	1.68	13.2	16.4
60	54	41	8.8	0.55	0.68		4.1	414	16.5	12.4	33.3	2.00	13.9	17.4
75	55	41	10.1	0.60	0.75		5.2	517	16.8	12.6	38.2	2.29	15.4	19.2
45	52	39	9.7	0.67	0.83	64	3.1	310	15.9	11.9	36.7	2.20	17.0	21.2
60	57	43	11.6	0.66	0.82		4.1	414	17.4	13.0	43.9	2.63	16.7	20.8
75	60	45	13.2	0.66	0.84		5.2	517	18.3	13.7	50.0	3.00	17.1	21.4



6500 PRO SERIES
Nozzle color ●
25° trajectory

	Max		Min		Precipitation		Nozzle	Max		Min				
	PSI	FT	FT	GPM	N/HR	■		BAR	kPa	m	m			L/min
45	43	32	2.8	0.29	0.34	61	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
45	44	33	5.2	0.52	0.60	62	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
45	48	36	7.4	0.62	0.72	63	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
45	46	35	9.7	0.89	1.02	64	3.1	310	14.0	10.5	36.7	2.20	97.8	
60	49	37	11.6	0.93	1.08		4.1	414	14.9	11.2	43.9	2.63	103.0	
75	51	38	13.2	0.98	1.13		5.2	517	14.9	11.2	43.9	2.63	103.0	



6503/6513 PRO HIGH SPEED
Nozzle color ●
25° trajectory

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.

7000 (7010E) PRO

Standard with anti-drain valve (ADV)

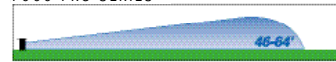
7005 (7015E)

Stainless steel piston sleeve, heavy-duty spring and anti-drain valve (ADV)

Note: "E" versions (or versions in parenthesis) feature BSP threading



7000 PRO SERIES



SPECIFICATIONS

Operating range:

40-90 psi

Maximum pressure:

100 psi

Discharge:

6.7 to 18.4 gpm

Spray trajectory:

25°

Pop-up height:

4 1/2"

Body height:

9 1/2"

Exposed cap diameter:

2 1/2"

Type of cap:

Rubber with locking screw

Inlet size:

1" female NPT (7000, 7015)

1" female BSP (7010E, 7015E)

Screen mesh:

.045 sq. in. / 1150 micron

ADV models:

Holds back up to 10' difference in elevation

per box:

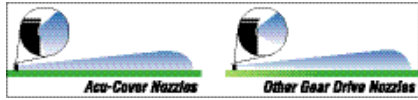
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pro 7000 series

FEATURES

- NIR² feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments
- Five interchangeable Acu-Cover nozzles ranging from 6.7 to 18.4 gpm
- Rubber cap has two locking screws for vandal protection
- Click-Se[®] collars are quick and easy to adjust
- Gear drive may be installed ½" below grade
- Proven reliability of the water driven gear motor
- Continuous 360° rotation or part-circle adjustable 40° to 310°
- Heavy-duty case with stabilizer ribs increases stability even in loose soil
- 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
- 5 year warranty on materials and workmanship



PSI	Max		Min		Precipitation		Nozzle	BAR	kPa	m	Max	Min	L/min ²	HR	mm/hr [■]
	FT	FT	GPM	N/HR [■]											
45	41	31	5.6	0.64	0.74	1	3.1	310	12.5	9.4	21.2	1.27	16.3	18.8	
60	42	32	5.9	0.64	0.74		4.1	414	12.8	9.6	22.3	1.34	16.4	18.9	
75	42	32	7.2	0.79	0.91		5.2	517	12.8	9.6	27.3	1.64	20.0	23.0	
90	43	32	7.8	0.81	0.94		6.2	621	13.1	9.8	29.5	1.77	20.6	23.8	
45	48	36	6.9	0.58	0.67	2	3.1	310	14.6	11.0	26.1	1.57	14.6	16.9	
60	49	37	7.8	0.63	0.72		4.1	414	14.9	11.2	29.5	1.77	15.9	18.3	
75	49	37	8.9	0.71	0.82		5.2	517	14.9	11.2	33.7	2.02	18.1	20.9	
90	50	38	9.8	0.75	0.87		6.2	621	15.2	11.4	37.1	2.23	19.2	22.1	
45	52	39	8.7	0.62	0.72	3	3.1	310	15.9	11.9	32.9	1.98	15.7	18.2	
60	53	40	9.9	0.68	0.78		4.1	414	16.2	12.1	37.5	2.25	17.2	19.9	
75	53	40	11.3	0.77	0.89		5.2	517	16.2	12.1	42.8	2.57	19.7	22.7	
90	54	41	12.4	0.82	0.95		6.2	621	16.5	12.3	46.9	2.82	20.8	24.0	
45	54	41	10.7	0.71	0.82	4	3.1	310	16.5	12.3	40.5	2.43	17.9	20.7	
60	55	41	12.2	0.78	0.90		4.1	414	16.8	12.6	46.2	2.77	19.7	22.8	
75	56	42	14.0	0.86	0.99		5.2	517	17.1	12.8	53.0	3.18	21.8	25.2	
90	58	44	15.3	0.88	1.01		6.2	621	17.7	13.3	57.9	3.48	22.2	25.7	
45	55	41	11.5	0.73	0.85	5	3.1	310	16.8	12.6	43.5	2.61	18.6	21.5	
60	57	43	13.2	0.78	0.90		4.1	414	17.4	13.0	50.0	3.00	19.9	22.9	
75	57	43	15.1	0.89	1.03		5.2	517	17.4	13.0	57.2	3.43	22.7	26.2	
90	59	44	16.4	0.91	1.05		6.2	621	18.0	13.5	62.1	3.73	23.0	26.6	
45	56	42	13.7	0.84	0.97	6	3.1	310	17.1	12.8	51.9	3.11	21.4	24.7	
60	59	44	15.7	0.87	1.00		4.1	414	18.0	13.5	59.4	3.57	22.1	25.5	
75	61	46	18.8	0.97	1.12		5.2	517	18.6	13.9	71.2	4.27	24.7	28.5	
90	63	47	19.6	0.95	1.10		6.2	621	19.2	14.4	74.2	4.45	24.1	27.9	

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.

PRO 7000 SERIES

Nozzle color
 25° trajectory



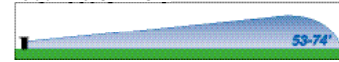
7500 (7510E) PRO
Standard with anti-drain valve (ADV)

7503 (7513E)
High speed rotation, stainless steel piston sleeve, and anti-drain valve (ADV)

Note: "E" versions (or versions in parenthesis) feature BSP threading



7500 PRO SERIES



SPECIFICATIONS

Operating range:

40-90 psi

Maximum pressure:

100 psi

Discharge:

9.4 to 27.5 gpm

Spray trajectory:

25°

Pop-up height:

4 1/2"

Body height:

9 1/2"

Exposed cap diameter:

2 1/2"

Type of cap:

Rubber with locking screw

Inlet size:

1" female NPT (7500, 7503)

1" female BSP (7510E, 7513E)

Screen mesh:

.045 sq. in. / 1150 micron

ADV models:

Holds back up to 10' difference in elevation

per box:

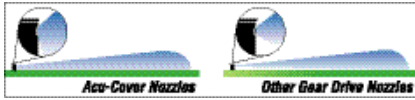
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pro 7500 series

FEATURES

- NIR² feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments
- Six interchangeable Acu-Cover nozzles ranging from 6.7 to 18.4 gpm
- Rubber cap has two locking screws for vandal protection
- Click-Set[®] collars are quick and easy to adjust
- Gear drive may be installed 1/2" below grade
- Proven reliability of the water driven gear motor
- Continuous 360° rotation or part-circle adjustable 40° to 310°
- Heavy-duty case with stabilizer ribs increases stability even in loose soil
- 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
- 5 year warranty on materials and workmanship



	Max		Min		Nozzle	Max		Min		L/min m ³ /hr	mm/hr		
	PSI	FT	FT	GPM		BAR kPa	m	m	mm/hr				
45	53	40	9.4	0.64	3	3.1	310	16.2	12.1	35.6	2.13	16.4	
60	56	42	10.9	0.67		20.4	4.1	414	17.1	12.8	41.3		
75	57	43	12.2	0.72		2.47	17.0	21.2	5.2	517	17.4		
90	58	44	13.4	0.77	4	13.04	6.2	62.1	17.7	13.3	50.7	3.04	19.5
45	54	41	11.4	0.75		24.3							
60	59	44	13.2	0.73		3.1	310	16.5	12.4	43.1	2.59	19.1	
75	61	46	14.9	0.77	5	23.8	4.1	414	18.0	13.5	50.0		
90	62	47	16.4	0.82		3.00	18.6	23.1	5.2	517	18.6		
45	57	43	12.3	0.73		14.05	6.4	3.38	19.6	24.4			
60	61	46	14.4	0.75	6	6.2	62.1	18.9	14.2	62.1	3.72	20.9	
75	65	49	16.2	0.74		26.0							
90	66	50	17.8	0.79		3.1	310	17.4	13.0	46.6	2.79	18.5	
60	64	48	17.5	0.82	7	23.1	4.1	414	18.6	14.0	54.5		
75	68	51	20.0	0.83		3.27	18.9	23.6	5.2	517	19.8		
90	68	51	22.1	0.92		14.96	1.3	3.68	18.8	23.4			
60	65	49	19.6	0.89	8	6.2	62.1	20.1	15.1	67.4	4.04	20.0	
75	69	52	21.3	0.86		24.9							
90	73	55	24.6	0.89		4.1	414	19.5	14.6	66.2	3.97	20.9	
60	66	50	21.8	0.96		26.1	5.2	517	20.7	15.6	75.7		
75	71	53	24.8	0.95		4.54	21.2	26.4					
90	74	56	27.5	0.97									



PRO 7500 SERIES
Nozzle color ●
25° trajectory

	Max		Min		Nozzle	Max		Min		L/min m ³ /hr	mm/hr		
	PSI	FT	FT	GPM		BAR kPa	m	m	mm/hr				
45	48	36	9.4	0.79	3	3.1	310	14.6	11.0	35.6	2.13	20.0	
60	50	38	10.9	0.84		24.9	4.1	414	15.3	11.4	41.3		
75	50	38	12.2	0.94		2.47	21.3	26.6	5.2	517	15.3		
90	53	40	13.4	0.92	4	11.44	6.2	62.1	16.2	12.1	50.7	3.04	23.3
45	51	38	11.4	0.84		29.1							
60	54	41	13.2	0.87		3.1	310	15.6	11.7	43.1	2.59	21.4	
75	55	41	14.9	0.95	5	26.7	4.1	414	16.5	12.4	50.0		
90	55	41	16.4	1.04		3.00	22.1	27.6	5.2	517	16.8		
45	52	39	12.3	0.88		12.65	6.4	3.38	24.1	30.0			
60	55	41	14.4	0.92	6	6.2	62.1	16.8	12.6	62.1	3.72	26.5	
75	57	43	16.2	0.96		33.1							
90	58	44	17.8	1.02		3.1	310	15.9	11.9	46.6	2.79	22.3	
60	58	44	17.5	1.00	7	27.8	4.1	414	16.8	12.6	54.5		
75	60	45	20.0	1.07		3.27	23.3	29.0	5.2	517	17.4		
90	61	46	22.1	1.14		13.06	1.3	3.68	24.4	30.4			
60	58	44	19.6	1.12	8	6.2	62.1	17.7	13.3	67.4	4.04	25.9	
75	60	45	21.3	1.14		32.3							
90	61	46	24.6	1.27		4.1	414	17.7	13.3	66.2	3.97	25.4	
60	59	44	21.8	1.21		31.7	5.2	517	18.3	13.7	75.7		
75	61	46	24.8	1.28		4.54	27.2	33.9					
90	64	48	27.5	1.29									



PRO 7503/7513
HIGH SPEED
Nozzle color ●
25° trajectory

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.