

**XP-300 Series Rotor**

**28'–43' (8,8–13m)**

**Radius**

**Features**

- Multiple rotating stream pattern
- Matched precipitation rates
- Choice of four nozzles and 11 interchangeable arc discs
- Adjustment screw allows up to 25% radius reduction
- Planetary, water-lubricated gear-drive design
- Fine-mesh basket filter screen to prevent clogging
- Durable engineering plastic and stainless steel construction
- Check valve prevents low-head drainage and keeps laterals charged with water (optional on shrub model only)
- Locking cap available on lawn pop-up models (Part No. 35-1344)
- Recycled identification plug available
- Two-year warranty

**Lawn Pop-up and 12" High-pop**

- Pop-up design
- Stainless steel retraction spring
- Wiper seal
- Small surface diameter
- At-grade installation
- Side-inlet body (available on high-pop models)

**Specifications**

**Nozzle Performance**

- Flow rate: 1.01–10.81 GPM (3,82–41 LPM)
- Radius: 28'–43' (8,8–13m)
- Trajectory: 28°

**Lawn Pop-up Apex @ 50 psi (3,5 Bar)**

Nozzle	28°	
	Max. Height of Spray	
05	9' 3"	(2,8m)
07	9' 1"	(2,7m)
09	9' 1"	(2,7m)
10	9' 6"	(2,9m)

**Lawn Pop-up**

- Flow rate: 1.01–10.81 GPM (3,82–41 LPM)
- Recommended operating pressure: 35–50 psi (2,4–3,5 Bar)
- Maximum operating pressure: 75 psi (5,2 Bar)
- Pop-up to nozzle: 3½" (88mm)
- ¾" (20mm) female-threaded inlet
- Dimensions:
  - Body diameter: 2¾" (59mm)
  - Cap diameter: 3" (75mm)
  - Height: 6½" (157mm)



**Shrub**

- Flow rate: 1.01–10.52 GPM (14,7–47,8 LPM)
- Recommended operating pressure: 35–50 psi (2,4–3,5 Bar)
- Maximum operating pressure: 75 psi (5,2 Bar)
- ½" to ¾" (13 to 20mm) female-threaded inlet
- Dimensions:
  - Base diameter: 1¾" (45mm)
  - Height: 6½" (163mm)
- Optional check valve maintains up to 8' (2,4m) elevation change

**High-pop**

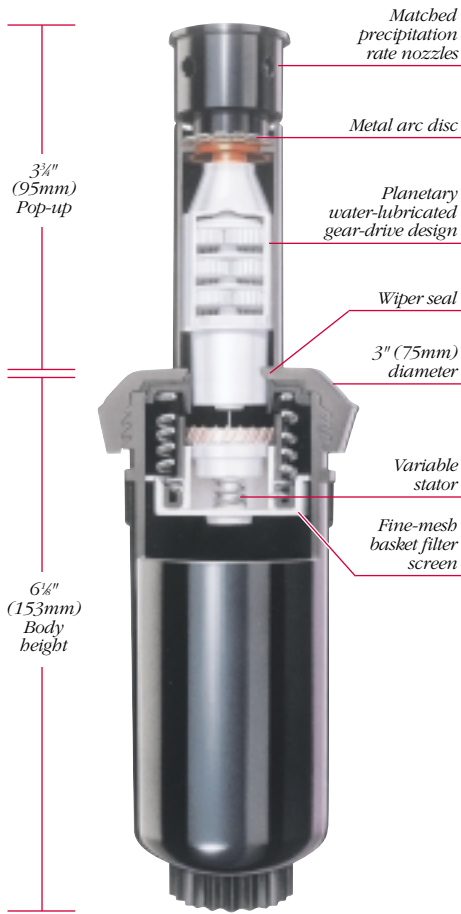
- Flow rate: 1.01–10.81 GPM (4,5–49,1 LPM)
- Recommended operating pressure: 35–50 psi (2,4–3,5 Bar)
- Maximum operating pressure: 75 psi (5,2 Bar)
- Pop-up to nozzle: 12½" (313mm)
- ¾" (20mm) female-threaded bottom and side inlets
- Side inlet: 7" (175mm) from top of sprinkler to center of side inlet
- Dimensions:
  - Body diameter: 2¾" (59mm)
  - Cap diameter: 3" (75mm)
  - Height: 16½" (163mm)

**Specifying Information**

Body	Arc	Nozzle	Optional	Optional
S—Shrub	Q—90°	195—195°	COM—Check-O-Matic <sup>§</sup>	E—Effluent
P—Lawn Pop-up	H—180°	210—210°		
HP—High-pop*	F—360°	225—225°		
		115—115°		
		250—250°		
		140—140°		
		270—270°		
		165—165°		

**Example:** An XP-300 Series lawn pop-up sprinkler with a 180° arc and 09 nozzle, would be specified as: **XP300P-H-09**

\* Uses high-pop nozzles with collar.  
 § Available with shrub models only.  
 Stream Rotor is a registered trademark of The Toro Company.



**XP-300 Series Shrub w/COM—U.S.**  
**(360° Arc Disc)**  
**(Model Nos. XP300SCOM)**

Nozzle	psi	GPM	Radius
05	50	3.25	28
05	75	5.15	35
07	50	5.02	35
07	75	7.18	42
09	50	5.77	36
09	75	9.14	44
10	50	6.64	37
10	75	10.52	47

**XP-300 Series Shrub w/COM—Metric**  
**(360° Arc Disc)**  
**(Model Nos. XP300SCOM)**

Nozzle	Bar	LPM	Radius
05	3,5	12,5	8,6
05	5,0	18,8	10,5
07	3,5	19,2	10,7
07	5,0	26,3	12,6
09	3,5	22,2	11,0
09	5,0	33,3	13,2
10	3,5	25,6	11,4
10	5,0	38,3	14,0

**XP-300 Series Performance Chart—U.S.**

Nozzle	psi	Radius	Prec. Rate*		GPM											
			△	□	90°	115°	140°	165°	180°	195°	210°	225°	250°	270°	360°	
05**	35	28'	.57	.50	1.01	1.29	1.57	1.85	2.02	2.19	2.36	2.53	2.81	3.03	4.04	
	40	29'	.56	.48	1.08	1.38	1.68	1.98	2.16	2.34	2.52	2.70	3.00	3.24	4.23	
	50	30'	.60	.52	1.21	1.54	1.88	2.21	2.42	2.62	2.82	3.02	3.35	3.62	4.83	
07	60	31'	.61	.53	1.32	1.69	2.06	2.42	2.65	2.87	3.09	3.31	3.67	3.97	5.29	
	35	36'	.49	.42	1.43	1.82	2.22	2.62	2.85	3.08	3.31	3.60	3.93	4.28	5.70	
	40	38'	.47	.41	1.54	1.96	2.39	2.82	3.07	3.32	3.56	3.87	4.24	4.61	6.14	
09	50	40'	.48	.41	1.71	2.19	2.67	3.15	3.43	3.70	3.97	4.32	4.73	5.14	6.85	
	60	41'	.49	.43	1.87	2.39	2.91	3.44	3.74	4.03	4.33	4.71	5.15	5.60	7.47	
	35	38'	.53	.46	1.74	2.22	2.71	3.19	3.47	3.75	4.03	4.37	4.79	5.21	6.94	
10	40	39'	.54	.47	1.86	2.38	2.90	3.42	3.72	4.01	4.31	4.68	5.13	5.57	7.43	
	50	41'	.55	.48	2.10	2.68	3.27	3.85	4.19	4.53	4.86	5.28	5.78	6.29	8.38	
	60	43'	.56	.48	2.32	2.96	3.61	4.26	4.63	5.00	5.37	5.83	6.39	6.95	9.26	
10	35	37'	.65	.56	1.99	2.54	3.10	3.66	3.98	4.29	4.61	5.01	5.49	5.96	7.95	
	40	39'	.63	.54	2.15	2.75	3.35	3.95	4.29	4.63	4.98	5.41	5.92	6.44	8.58	
	50	41'	.65	.56	2.44	3.12	3.81	4.49	4.88	5.27	5.66	6.15	6.73	7.32	9.76	
10	60	42'	.68	.59	2.70	3.50	4.22	4.97	5.41	5.84	6.27	6.81	7.46	8.11	10.81	

\*△ Precipitation rates are for triangular spacing, shown in inches per hour, calculated at 50% of diameter.  
 □ Precipitation rates are for square spacing, shown in inches per hour, calculated at 50% of diameter.  
 All performance specifications are based on the stated working pressure available at the base of the sprinkler.  
 Radius shown in feet.  
 \*\* Available for service only.

**XP-300 Series Performance Chart—Metric**

Nozzle	Bar	kPa	Kg/cm <sup>2</sup>	Radius	LPM											
					90°	115°	140°	165°	180°	195°	210°	225°	250°	270°	360°	
05**	2,5	250	2,55	8,6	3,9	5,0	6,1	7,1	7,8	8,4	9,1	9,7	10,8	11,7	15,5	
	3,0	300	3,06	8,9	4,3	5,4	6,5	7,8	8,5	9,2	9,9	10,7	11,8	12,8	16,8	
	3,5	350	3,57	9,2	4,6	5,9	7,2	8,4	9,2	10,0	10,7	10,7	12,8	13,8	18,4	
	4,0	400	4,08	9,4	4,9	6,3	7,7	9,0	9,8	10,7	11,5	11,5	13,7	14,8	19,7	
07	2,5	250	2,55	11,1	5,5	7,0	8,6	10,1	11,0	11,9	12,8	12,8	15,2	16,5	22,0	
	3,0	300	3,06	11,8	6,0	7,7	9,4	11,1	12,1	13,1	14,0	14,0	16,7	18,1	24,2	
	3,5	350	3,57	12,2	6,5	8,3	10,2	12,0	13,1	14,1	15,1	15,1	18,0	19,6	26,1	
	4,0	400	4,08	12,4	7,0	8,9	10,8	12,8	13,9	15,0	16,1	16,1	19,2	20,9	27,8	
09	2,5	250	2,55	11,7	6,7	8,5	10,4	12,3	13,4	14,4	15,5	15,5	18,5	20,1	26,7	
	3,0	300	3,06	12,1	7,3	9,4	11,5	13,5	14,7	15,9	17,0	17,0	20,3	22,0	29,4	
	3,5	350	3,57	12,5	8,0	10,2	12,5	14,7	16,0	17,3	18,5	18,5	22,1	24,0	32,0	
10	2,5	250	2,55	11,4	7,7	9,8	12,0	14,1	15,3	16,6	17,8	17,8	21,2	23,0	30,7	
	3,0	300	3,06	12,1	8,5	10,9	13,3	15,7	17,0	18,4	19,8	19,8	23,5	25,5	34,0	
	3,5	350	3,57	12,5	9,3	11,9	14,5	17,1	18,6	20,1	21,6	21,6	25,7	27,9	37,2	
10	4,0	400	4,08	12,7	10,0	13,0	15,7	18,5	20,1	21,7	23,3	23,3	27,7	30,1	40,1	

All performance specifications are based on the stated working pressure available at the base of the sprinkler.  
 Radius shown in meters.  
 \*\* Available for service only.

