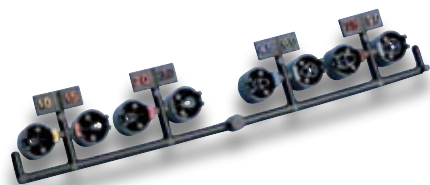


TORO**Count on it.****Toro TR70 Rotor****9,8 – 21,7m (32'–71') Radius**

With the use of the simple adjustment band technology of the TR50, the TR70 is just as convenient but made to withstand higher pressure and throw further distances.

Key Features

- Safe rubber cover
- 127mm (5") pop-up to clear tall turf
- Continuous unidirectional rotation provides uniform water coverage when set at 360°
- Smart Arc™ memory returns sprinkler to previous setting (even if arc is turned beyond setting)
- Slip clutch assures no damage to gears if vandalized
- Stainless-steel riser for harsh environments and added durability



**Optional
Adjustment Tool
102-1303**

**Additional Features**

- Adjusting band for visual verification of arc setting
- Color-coded nozzle tree for quick and easy identification and installation
- Seven interchangeable nozzles
- Factory-installed with a #12 nozzle
- Left arc indicator on cap (arrow) and body (hash mark)
- Right stop indicator (white arrow on black band)
- Cluster, water-lubricated, gear-drive design
- Dry mode pull-up slot
- Arc adjustment from 30°- 360°
- Standard, reversible check valve prevents low-head drainage, keeping laterals charged with water
- Unique, over-molded wiper seal for greater debris resistance and 1/2" below-grade installation
- Stainless-steel radius adjustment screw allows up to 25% radius reduction
- Large filter screen to prevent clogging

Specifications

- Radius: 9,8 – 21,7m (32'–71')
- Flow rate: 26,5–113 LPM (7.0–29.6 GPM)
- Trajectory: 25°
- Recommended operating pressure range: 1,7–7 Bar (25–100 PSI)
- Optimum operating pressure: 4,5 Bar (65 PSI)
- 25mm (1") female-threaded inlet, NPT or BSP



- Check valve maintains up to 3m (10') elevation change on all models
- 13mm (1/2") below-grade installation
- Dimensions:
 - Pop-up to center of nozzle (lawn pop-up): 120mm (4 3/4")
 - Surface diameter: 60mm (2 3/8")
 - Height: 200mm (8")

**TR70 Specifying Information**

TR70P XX XX					
Description	Body	Thread	Nozzle		Optional
TR70—TR70 Series Rotor	P—127mm (5") Lawn Pop-Up	02 - NPT 52 - BSP	7-7.0 9-9.0 12-12.0 16-16.0	20-20.0 24-24.0 27-27.0	E—Effluent SS—Stainless Steel Riser
For Example: When specifying a 127mm (5") lawn pop-up TR70P Series Sprinkler with BSP threads and a #12.0 nozzle, you would specify: TR70P-52-12					

TORO**Count on it.**

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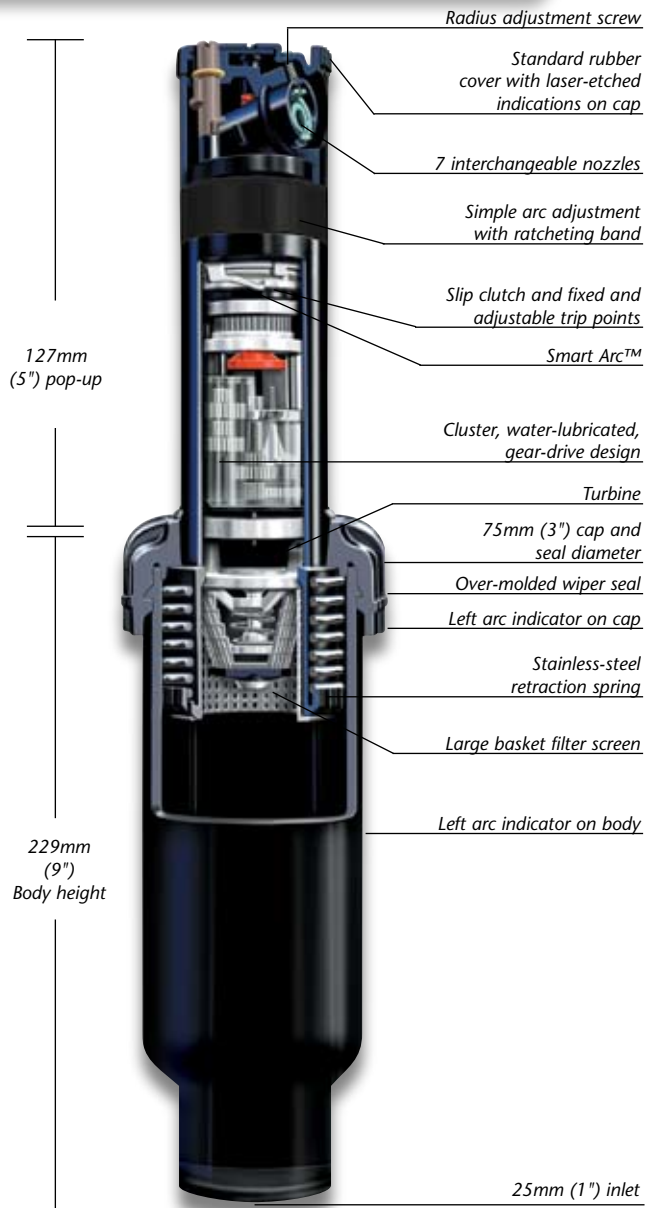
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Form #200-xxxx

TR70 Series

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TR70P Series

TR70 Performance - $\triangle 25^\circ$ Trajectory - Metric							
Nozzle	Bar	kPa	Kg/cm ²	Rad. (m)	Flow (LPM)	Prec. Rate	
						\triangle	\square
7.0	3,0	300	3,06	13,0	27,2	11,1	9,6
	3,5	350	3,57	13,2	28,6	11,4	9,9
	4,0	400	4,08	13,6	30,5	11,4	9,9
	4,5	450	4,59	13,7	32,4	11,9	10,3
	5,0	500	5,10	13,6	34,3	12,8	11,1
	5,5	550	5,61	13,4	36,3	13,9	12,1
	6,0	600	6,12	13,4	37,7	14,5	12,5
6,5	650	6,63	13,7	39,8	14,7	12,8	
7,0	700	7,14	14,0	42,5	14,9	12,9	
9.0	3,0	300	3,06	13,8	31,1	11,2	9,7
	3,5	350	3,57	14,1	31,9	11,2	9,7
	4,0	400	4,08	14,5	33,0	10,8	9,4
	4,5	450	4,59	14,8	34,5	10,9	9,4
	5,0	500	5,10	15,1	36,1	11,0	9,5
	5,5	550	5,61	15,5	37,8	10,8	9,4
	6,0	600	6,12	15,8	38,1	10,6	9,2
6,5	650	6,63	16,0	40,6	11,0	9,5	
7,0	700	7,14	16,2	44,4	11,7	10,1	
12.0*	3,0	300	3,06	15,8	37,0	10,3	8,9
	3,5	350	3,57	16,2	40,0	10,6	9,1
	4,0	400	4,08	16,6	43,1	10,8	9,3
	4,5	450	4,59	16,9	45,9	11,1	9,6
	5,0	500	5,10	17,1	48,5	11,4	9,9
	5,5	550	5,61	17,4	51,0	11,7	10,1
	6,0	600	6,12	17,6	53,5	12,0	10,4
6,5	650	6,63	17,9	55,9	12,0	10,4	
7,0	700	7,14	18,3	58,6	12,1	10,4	
16.0	3,0	300	3,06	16,4	55,2	14,3	12,3
	3,5	350	3,57	16,9	58,2	14,2	12,3
	4,0	400	4,08	17,7	60,9	13,4	11,6
	4,5	450	4,59	18,3	63,9	13,2	11,4
	5,0	500	5,10	18,6	66,9	13,4	11,6
	5,5	550	5,61	18,6	69,9	14,0	12,1
	6,0	600	6,12	19,7	73,2	13,1	11,4
6,5	650	6,63	20,2	76,3	12,9	11,2	
7,0	700	7,14	20,5	79,3	13,1	11,3	
20.0	3,0	300	3,06	16,4	67,4	17,4	15,1
	3,5	350	3,57	16,9	70,8	17,2	14,9
	4,0	400	4,08	17,7	74,3	16,3	14,2
	4,5	450	4,59	18,3	77,5	16,0	13,9
	5,0	500	5,10	18,7	80,8	15,9	13,8
	5,5	550	5,61	19,2	84,6	15,9	13,8
	6,0	600	6,12	19,8	85,8	15,1	13,1
6,5	650	6,63	20,4	90,0	15,0	13,0	
7,0	700	7,14	20,8	95,7	15,3	13,3	
24.0	3,0	300	3,06	17,0	67,8	16,3	14,1
	3,5	350	3,57	17,5	71,1	16,1	14,0
	4,0	400	4,08	18,3	74,1	15,2	13,2
	4,5	450	4,59	18,9	78,3	15,1	13,1
	5,0	500	5,10	19,4	82,9	15,2	13,2
	5,5	550	5,61	20,1	87,3	15,0	13,0
	6,0	600	6,12	20,3	91,1	15,3	13,2
6,5	650	6,63	20,8	95,0	15,2	13,1	
7,0	700	7,14	21,4	98,6	14,9	12,9	
27.0	3,0	300	3,06	17,4	75,2	17,2	14,9
	3,5	350	3,57	18,1	80,6	17,0	14,7
	4,0	400	4,08	19,2	87,7	16,5	14,3
	4,5	450	4,59	20,0	93,5	16,2	14,0
	5,0	500	5,10	20,5	98,0	16,1	14,0
	5,5	550	5,61	20,7	101,3	16,3	14,1
	6,0	600	6,12	20,9	105,1	16,6	14,4
6,5	650	6,63	21,3	109,0	16,6	14,4	
7,0	700	7,14	21,7	112,8	16,5	14,3	

TR70 Performance - $\triangle 25^\circ$ Trajectory - English					
Nozzle	PSI	Rad. (ft)	Flow (GPM)	Prec. Rate	
				\triangle	\square
7.0	40	43	7.0	0.43	0.37
	50	43	7.5	0.45	0.39
	60	45	8.2	0.45	0.39
	70	45	8.9	0.49	0.42
	80	44	9.6	0.55	0.48
	90	44	10.1	0.58	0.50
	100	46	11.1	0.58	0.51
9.0	40	45	8.1	0.44	0.39
	50	46	8.4	0.44	0.38
	60	48	8.8	0.42	0.37
	70	49	9.4	0.44	0.38
	80	51	10.0	0.43	0.37
	90	52	10.1	0.42	0.36
	100	53	11.6	0.46	0.40
12.0*	40	51	9.4	0.40	0.35
	50	53	10.5	0.42	0.36
	60	55	11.6	0.43	0.37
	70	56	12.6	0.45	0.39
	80	57	13.5	0.46	0.40
	90	58	14.4	0.48	0.41
	100	60	15.3	0.47	0.41
16.0	40	53	14.2	0.56	0.49
	50	55	15.3	0.56	0.49
	60	59	16.3	0.52	0.45
	70	61	17.4	0.52	0.45
	80	61	18.5	0.55	0.48
	90	66	19.7	0.50	0.44
	100	67	20.8	0.52	0.45
20.0	40	53	17.4	0.69	0.60
	50	55	18.6	0.68	0.59
	60	59	19.9	0.64	0.55
	70	61	21.0	0.63	0.54
	80	63	22.4	0.63	0.54
	90	66	22.8	0.58	0.50
	100	68	25.1	0.60	0.52
24.0	40	55	17.5	0.64	0.56
	50	57	18.7	0.64	0.55
	60	61	19.8	0.59	0.51
	70	63	21.5	0.60	0.52
	80	66	23.1	0.59	0.51
	90	67	24.5	0.61	0.53
	100	70	25.9	0.59	0.51
27.0	40	56	19.2	0.68	0.59
	50	59	21.1	0.67	0.58
	60	64	23.7	0.64	0.56
	70	67	25.6	0.63	0.55
	80	68	26.8	0.64	0.56
	90	69	28.2	0.66	0.57
	100	71	29.6	0.65	0.57

\triangle Precipitation rates are for triangular spacing, shown in millimeters (Metric) or inches (English) per hour, calculated at 50% of diameter.

\square Precipitation rates are for square spacing, shown in millimeters (Metric) or inches (English) per hour, calculated at 50% of diameter.

All performance specifications are based on the stated working pressure available at the base of the sprinkler.

*Indicates pre-installed nozzle.



TR70 Series