

TORO

Count on it.

TR70P SERIES

Longer Radius Plastic Sprinkler

Application: TR70 fits both large residential and commercial applications. The adjustment is not only simple, but provides setting accuracy, leaving little need for fine tuning.

COMMERCIAL

DURABILITY

A commercial grade sprinkler with a full 5-year commercial grade warranty testifying to its operating strength.

VERSATILITY

All the commercial features you would need including: 5" pop up, slip clutch, SmartArc™ and below grade installation.

SUPERIOR PERFORMANCE

High efficiency nozzles deliver excellent irrigation results all across the arc—from 7 to 27 gallons and 43' to 71' radius.

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FEATURE AND BENEFIT HIGHLIGHTS

- **Simple to set watering pattern with adjusting band**—the arc on the TR70P is factory pre-set to 180°, if that's not the arc you need, just turn the easy-to-adjust black band
- **Smart Arc™ memory** returns sprinkler to previously set arc if vandalized and slip clutch assures no damage to gears
- **Full 5" pop-up** to clear tall grasses
- **Below grade installation** allows for maximum safety helping to eliminate the potential for liability

SPECIFICATIONS

Specifications

- **Radius:** 43'–71' (10–21,6m)
- **Flow rate:** 7.5–29.6 GPM (25,3–102,2-LPM)
- **Recommended operating pressure range:** 40–100 psi (3,5–7 Bar)
- **1" (25mm)** female threaded inlet
- **½" (13mm)** below grade installation
- **Dimensions:**
 - Pop-up to center of nozzle (lawn pop-up): 4¾" (120mm)
 - Base diameter: 2⅝" (60mm)
 - Height: 9¼" (200mm)
- **Check valve** maintains up to 10' (3m) elevation change

Features

- Cluster, water-lubricated, gear-drive design
- Arc adjustment from 30°–360°
- Standard, reversible check valve prevents low-head drainage, keeping laterals charged with water
- Black adjustment band for visual verification of arc setting
- Unique, over molded wiper seal for greater debris resistance and below grade installation
- Standard rubber cover
- Stainless steel radius adjustment screw allows up to 25% radius reduction
- Effluent option for safety in reclaimed water situations and standard check valve to prevent low-head drainage
- Large filter screen to prevent clogging
- Color-coded nozzle tree with 7 nozzles to cover varying flow requirements and for quick and easy nozzle identification
- Five year warranty

Nozzle Performance Chart

Nozzle	PSI	GPM	Radius	PR-Sq	PR-Tri	Nozzle	PSI	GPM	Radius	PR-Sq	PR-Tri
7	50	7.5	43	0.39	0.34	9	50	8.4	46	0.38	0.33
	60	8.2	45	0.39	0.34		60	8.8	48	0.37	0.32
	70	8.9	45	0.42	0.37		70	9.4	49	0.38	0.33
	80	9.6	44	0.48	0.41		80	10.0	51	0.37	0.32
	90	10.1	44	0.50	0.44		90	10.1	51	0.36	0.31
	100	11.1	46	0.51	0.44		100	11.6	53	0.40	0.34
12	50	10.5	53	0.36	0.31	16	50	15.3	55	0.49	0.42
	60	11.6	55	0.37	0.32		60	16.3	59	0.45	0.39
	70	12.6	56	0.39	0.34		70	17.4	61	0.45	0.39
	80	13.5	57	0.40	0.35		80	18.5	61	0.48	0.41
	90	14.4	58	0.41	0.36		90	19.7	66	0.44	0.38
	100	15.3	60	0.41	0.35		100	20.8	67	0.45	0.39
20	50	18.6	55	0.59	0.51	24	50	18.7	57	0.55	0.48
	60	19.9	59	0.55	0.48		60	19.8	61	0.51	0.44
	70	21.0	61	0.54	0.47		70	21.5	63	0.52	0.45
	80	22.4	63	0.54	0.47		80	23.1	66	0.51	0.44
	90	22.8	66	0.56	0.45		90	24.5	67	0.53	0.46
	100	25.1	68	0.52	0.45		100	25.9	70	0.51	0.44
27	50	21.1	59	0.58	0.51	27	50	21.1	59	0.58	0.51
	60	23.7	64	0.56	0.48		60	23.7	64	0.56	0.48
	70	25.6	67	0.55	0.48		70	25.6	67	0.55	0.48
	80	26.8	68	0.56	0.48		80	26.8	68	0.56	0.48
	90	28.2	69	0.57	0.49		90	28.2	69	0.57	0.49
	100	29.6	71	0.57	0.49		100	29.6	71	0.57	0.49

Specifying Information

TR70
 P
 XX
 E

Description	Body	Nozzles	Optional
TR70P—TR70P Series Rotor	P—Lawn Pop-up	7—7.0 9—9.0 12—12.0 16—16.0	20—20.0 24—24.0 27—27.0
			E—Effluent

Example: A TR70P Series sprinkler with a 12.0 nozzle, would be specified as: **TR70P-12**

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