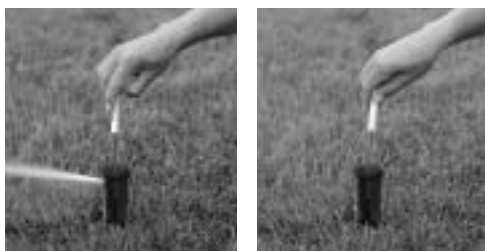


SPRINKLERS

With the use of the simple adjustment band technology of the TR50XT, the TR70XT is just as convenient but made to withstand the pressure of commercial applications, such as sport fields. All features, including the exclusive, patented X-Flow® water shut-off and trajectory adjustment, are located beneath a safe, rubber cover.



Trjectory™
(Radius and height of spray adjustment)



X-Flow™ (water shut off valve)



TR70XT Rotor

12.5 –21m (41'–69') Radius

Features

- Adjusting band for visual verification of arc setting
- All adjustments located beneath rubber cover
- Patented X-Flow shut-off device built into the riser
 - Restricts water loss if the nozzle is removed or damaged
 - Allows for dry nozzle replacement or maintenance while the system is running
- Color-coded nozzle tree for quick and easy identification and installation
- Seven interchangeable nozzles
- Factory-installed with a #12 nozzle
- 127mm (5") pop-up to clear tall turf
- Trjectory™ adjustment from 5° to 25° for fine-tuning nozzle spray trajectory (positioned below rotor cover)
- 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° to 360°
- Continuous unidirectional rotation provides uniform water coverage when set at 360°
- Smart Arc™ memory returns sprinkler to previously set arc if vandalized
- Slip clutch assures no damage to gears if vandalized
- Standard, reversible check valve prevents low-head drainage, keeping laterals charged with water
- Laser-etched indications on rubber cover
- Unique, over-molded wiper seal for greater debris resistance and 13mm (½") below-grade installation
- Standard rubber cover
- Stainless-steel radius adjustment screw allows up to 25% radius reduction
- Large filter screen to prevent clogging
- Extended five-year warranty

Specifications

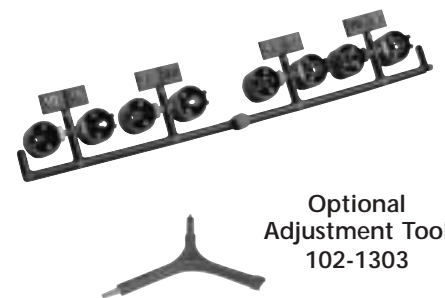
- Radius: 12.5m–21m (41'–69')
- Flow rate: 19.3–101 LPM (5.1–26.6 GPM)
- Trajectory: 5° to 25°
- Recommended operating pressure range: 1.7–7 Bar (25–100 PSI)
- Optimum operating pressure: 4.5 Bar (65 PSI)
- 25mm (1") female-threaded inlet
- Check valve maintains up to 3m (10') elevation change
- 13mm (½") below-grade installation
- Dimensions:
 - Pop-up to center of nozzle (lawn pop-up): 120mm (4¾")
 - Base diameter: 60mm (2⅜")
 - Height: 200mm (8")

TR70XT Rotor

Nozzle	Bar	kPa	Kg/cm ²	LPM	Rad. (m)
7.0	3,0	300	3,06	20,2	13,0
	3,5	350	3,57	22,1	13,4
	4,0	400	4,08	24,0	13,4
	4,5	450	4,59	25,6	13,4
	5,0	500	5,10	27,1	13,4
	5,5	550	5,61	28,6	13,4
	6,0	600	6,12	29,9	13,4
	6,5	650	6,63	31,2	13,4
	7,0	700	7,14	32,4	13,5
9.0	3,0	300	3,06	24,5	13,9
	3,5	350	3,57	26,7	14,4
	4,0	400	4,08	28,9	15,1
	4,5	450	4,59	30,7	15,4
	5,0	500	5,10	32,5	15,6
	5,5	550	5,61	34,4	15,8
	6,0	600	6,12	36,1	15,8
	6,5	650	6,63	37,9	16,0
	7,0	700	7,14	39,9	16,2
12.0*	3,0	300	3,06	41,6	13,2
	3,5	350	3,57	44,6	14,6
	4,0	400	4,08	47,6	14,7
	4,5	450	4,59	50,8	14,8
	5,0	500	5,10	54,0	15,1
	5,5	550	5,61	57,7	15,5
	6,0	600	6,12	59,5	15,5
	6,5	650	6,63	62,0	15,7
	7,0	700	7,14	64,4	15,9
16.0	3,0	300	3,06	48,8	13,2
	3,5	350	3,57	52,6	14,1
	4,0	400	4,08	56,2	14,7
	4,5	450	4,59	59,5	14,9
	5,0	500	5,10	62,8	15,0
	5,5	550	5,61	66,1	15,2
	6,0	600	6,12	69,1	15,9
	6,5	650	6,63	72,0	16,4
	7,0	700	7,14	74,7	16,8
20.0	3,0	300	3,06	53,9	13,6
	3,5	350	3,57	58,7	14,7
	4,0	400	4,08	62,5	15,6
	4,5	450	4,59	66,0	16,2
	5,0	500	5,10	69,4	16,7
	5,5	550	5,61	73,3	17,3
	6,0	600	6,12	76,3	17,2
	6,5	650	6,63	79,4	17,3
	7,0	700	7,14	82,4	17,7
24.0	3,0	300	3,06	60,5	14,7
	3,5	350	3,57	64,3	15,9
	4,0	400	4,08	67,6	16,8
	4,5	450	4,59	71,3	17,7
	5,0	500	5,10	75,2	18,5
	5,5	550	5,61	79,3	19,2
	6,0	600	6,12	82,9	19,6
	6,5	650	6,63	86,5	20,1
	7,0	700	7,14	89,9	20,6
27.0	3,0	300	3,06	67,0	14,5
	3,5	350	3,57	73,2	15,9
	4,0	400	4,08	78,7	16,8
	4,5	450	4,59	83,0	17,9
	5,0	500	5,10	86,8	18,9
	5,5	550	5,61	90,3	19,8
	6,0	600	6,12	94,2	19,8
	6,5	650	6,63	97,8	20,3
	7,0	700	7,14	101,4	21,2

Nozzle	psi	GPM	Rad. (ft)	
7.0	40	5.1	42	
	50	5.8	44	
	60	6.5	44	
	70	7.0	44	
	80	7.6	44	
	90	8.1	44	
	100	8.5	44	
	9.0	40	6.2	45
		50	7.0	47
60		7.8	50	
70		8.4	51	
80		9.1	52	
90		9.7	52	
12.0*	100	10.4	53	
	40	10.6	41	
	50	11.7	48	
	60	12.8	48	
	70	14.0	49	
16.0	80	15.1	51	
	90	16.0	51	
	100	16.9	52	
	40	12.4	42	
	50	13.8	46	
20.0	60	15.1	49	
	70	16.3	49	
	80	17.5	50	
	90	18.6	53	
	100	19.6	55	
24.0	40	13.6	43	
	50	15.4	48	
	60	16.8	52	
	70	18.0	54	
	80	19.4	57	
27.0	90	20.5	56	
	100	21.6	58	
	40	15.5	46	
	50	16.9	52	
	60	18.1	56	
27.0	70	19.5	60	
	80	21.0	63	
	90	22.3	65	
	100	23.6	67	
	27.0	40	16.9	45
50		19.2	52	
60		21.2	56	
70		22.6	61	
80		23.9	65	
27.0	90	25.3	65	
	100	26.6	69	

All performance specifications are based on the stated working pressure available at the base of the sprinkler head. *Indicates pre-installed nozzle.



Optional Adjustment Tool
102-1303

Specifying Information

TR70XT X XX X						
Description	Body	Thread	Nozzle			Optional
TR70XT - TR70XT Series Rotor	P - 127mm (5") 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
For Example: When specifying a 127mm (5") lawn pop-up TR70XT Series Sprinkler with BSP threads and a #12.0 nozzle, you would specify: TR70XT-P-52-12						



Count on it.

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