



# ROTORS T3/T35 TURBO SERIES

## ✓ Double-Thick Rubber Cover

- The beefiest in the business to protect the head and the customer.
- Visible "+" and "-" arrows guide arc adjustment.
- Surrounded by a ribbed screw-on cover for a sure grip in wet conditions.

## ✓ Totally Tool-Less Arc Adjustment

- Arc adjustment ring has visible arc indicators for easiest "dry" adjustment – just grip the ring and dial it in!
- Wet set "point and shoot" adjustment without a tool is the fastest in the business. Just hold the ring and turn the top.
- Ratchets like a spray head to align arc. No channel locks required.
- Factory pre-set at 180°.
- Vandal-resistant slip clutch and strong sonic weld prevent breakage as is common with other brands.

## ✓ Widest Range Rack

- 14 nozzles in one rack.
- Includes 4 SmartAngle (low angle) and 2 Flow+ nozzles to provide 1" rotor range in a 3/4" body.
- Factory pre-installed nozzle available.

## ✓ Hi-Tech, Self-Cleaning Micro Filter

- 20 micron filter originally developed in the medical industry protects reversing mechanism from dirt and debris.

## ✓ Pressure-Activated Wiper Seal

- Superior material and size provides extreme reliability in sandy conditions.
- 10-year rated seal exceeds 6000 cycles of performance.
- Pops up and seals below 20 psi.

## ✓ Heavy-Gauge Spring For Positive Retraction

- 20 lbs. of force vs. 10 lbs. for the competition.

## ✓ Ready-Check Check Valve

- There when you need it at no added cost.
- Holds up to 12' of elevation to prevent low head drainage.



## ✓ 100% Water Tested

- Verifies rotation, rotation speed and reversing action on every sprinkler.

## ✓ Five Year Warranty "No Questions Asked"

- Our return rate is less than 2%; Factory defects are less than 1%.
- 25 years of proven performance.

## ✓ Amazing Value For The Price

- Commercial sprinkler performance, strength and value for a residential price.
- Try the entire Turbo Series and experience the Turbo difference!

### T3 Turbo Series Specifications

MODEL	DESCRIPTION
T3	Adjustable Arc
T3-36	Full Circle
T3S	Adjustable Arc Shrub Rotor
T3SS	Stainless Steel Full Circle
T3-36SS	Stainless Steel Pop-Up Full Circle

### T35 Turbo Series Specifications

MODEL	DESCRIPTION	INTERNATIONAL MODEL
T35	Adjustable Arc	T35-ISO
T35-36	Full Circle	T35-36-ISO
T35-SS	Stainless Steel Full Circle	T35-SS-ISO
T35-36SS	Stainless Steel Pop-Up Full Circle	T35-36SS-ISO



**50 gallons** given per rotor

Our mission is to deliver clean drinking water to thousands of families in need, and to inspire our partners to put water first in irrigation, design, installation, and maintenance.

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# ROTORS

## T3/T35 TURBO SERIES

### T3 / T35 Turbo Series

Commercial Series Rotor

#### DIMENSIONS

MODEL	POP-UP HEIGHT	BODY HEIGHT
T3	4" (10.2 cm)	7 <sup>5</sup> / <sub>8</sub> " (19.4 cm)
T35		8 <sup>13</sup> / <sub>16</sub> " (22.4 cm)
T3S		8 <sup>3</sup> / <sub>16</sub> " (20.8 cm)

EXPOSED CAP DIAMETER: 2 1/2" (6.3 cm)

SCREEN MESH: .045 sq. in. (1.14 mm2) / 1150 micron

#### INLET SIZE

MODEL	INLET SIZE
T3	3/4" IPS
T35	1" IPS

#### PRECIPITATION RATE

0.17 - 0.89" per hour (4 - 23 mm per hour)

#### RADIUS

28 - 61' (8.5 - 18.6 m)

#### PRESSURE

30 - 70 PSI (2.1 - 4.8 BAR)

#### FLOW

0.7 - 14.9 GPM (0.16 - 3.38 m<sup>3</sup>/hr)

#### SPRAY TRAJECTORY

26° (standard nozzle); 13° (low angle nozzle)

#### CONSTRUCTION

High-strength non-corrosive plastics and metals used throughout sprinkler

Sealed, lubricant packed drive housing provides long life performance

Options (factory installed)

Non-potable cover (add "N" suffix)

Vandal cover lock (add "XV" prefix)

Check valve in "check" position (add "CV" prefix)



T3 / T35

T3SS / T35SS

T3S



T3 / T35 NOZZLES

#### Standard Angle 26° Trajectory

Nozzle	Imperial					Metric				
	Pressure PSI	Radius ft.	Flow GPM	Precip. in/hr ■	Precip. in/hr ▲	Pressure BAR	Radius m	Flow m <sup>3</sup> /hr	Precip. mm/hr ■	Precip. mm/hr ▲
1	30	28	0.7	0.17	0.20	2.1	8.5	0.16	4	5
	40	32	0.8	0.15	0.17	2.8	9.8	0.18	4	4
	50	33	0.9	0.16	0.18	3.4	10.1	0.20	4	5
	60	33	1.0	0.18	0.20	4.1	10.1	0.23	4	5
1.5	30	31	1.0	0.20	0.23	2.1	9.4	0.23	5	6
	40	35	1.4	0.19	0.22	2.8	10.7	0.27	5	6
	50	36	1.6	0.24	0.27	3.4	11.0	0.36	6	7
2	60	36	1.8	0.27	0.31	4.1	11.0	0.41	7	8
	30	28	1.2	0.29	0.34	2.1	8.5	0.27	7	9
	40	35	1.4	0.22	0.25	2.8	10.7	0.32	6	6
	50	35	1.9	0.30	0.34	3.4	10.7	0.43	8	9
3	60	35	2.3	0.36	0.42	4.1	10.7	0.52	9	11
	30	30	1.7	0.36	0.42	2.1	9.1	0.39	9	11
	40	38	2.0	0.27	0.31	2.8	11.6	0.45	7	8
	50	39	2.4	0.30	0.35	3.4	11.9	0.55	8	9
3.5	60	41	2.8	0.32	0.37	4.1	12.6	0.64	8	9
	40	41	3.5	0.40	0.46	2.8	12.5	0.79	10	12
	50	42	3.7	0.40	0.47	3.4	12.8	0.84	10	12
4	60	43	4.3	0.45	0.52	4.1	13.1	0.98	11	13
	40	44	4.0	0.40	0.46	2.8	13.4	0.91	10	12
	50	45	4.3	0.41	0.47	3.4	13.7	0.98	10	12
6	60	46	5.0	0.45	0.53	4.1	14.0	1.14	11	13
	40	45	5.5	0.52	0.60	2.8	13.7	1.25	13	15
	50	46	6.3	0.57	0.66	3.4	14.0	1.43	15	17
8	60	47	6.9	0.60	0.69	4.1	14.3	1.57	15	18
	40	45	6.3	0.60	0.69	2.8	13.7	1.43	15	18
	50	47	7.5	0.65	0.75	3.4	14.3	1.70	17	19
8	60	51	8.1	0.60	0.69	4.1	15.5	1.84	15	18

#### SmartAngle 13° Low Angle Trajectory

2.0LA	30	29	1.6	0.37	0.42	2.1	8.8	0.36	9	11
	40	33	1.9	0.34	0.39	2.8	10.1	0.43	9	10
	50	34	2.1	0.35	0.40	3.4	10.4	0.48	9	10
2.5LA	30	31	2.1	0.42	0.49	2.1	9.4	0.48	11	12
	40	35	2.6	0.41	0.47	2.8	10.7	0.59	10	12
	50	36	2.9	0.43	0.50	3.4	11.0	0.66	11	13
3.5LA	30	31	2.7	0.54	0.62	2.1	9.4	0.61	14	16
	40	35	3.2	0.50	0.58	2.8	10.7	0.73	13	15
	50	37	3.5	0.49	0.57	3.4	11.3	0.79	13	14
4.5LA	30	33	3.0	0.53	0.61	2.1	10.1	0.68	13	16
	40	37	3.4	0.48	0.55	2.8	11.3	0.77	12	14
	50	37	4.1	0.58	0.67	3.4	11.3	0.93	15	17

#### Flow+ Nozzles 26° Trajectory

9	50	50	9.5	0.73	0.84	3.4	15.2	2.16	19	21
	60	54	10.8	0.71	0.82	4.1	16.5	2.45	18	21
	70	55	11.7	0.74	0.86	4.8	16.8	2.66	19	22
13	50	57	12.4	0.73	0.85	3.4	17.4	2.82	19	22
	60	59	13.8	0.76	0.88	4.1	18.0	3.13	19	22
	70	61	14.9	0.77	0.89	4.8	18.6	3.38	20	23

■ Square spacing based on 50% of diameter

▲ Triangular spacing based on 50% of diameter

Note: All precipitation rates are calculated for 180° operation.

Divide by 2 for full circle precipitation rates



**50 gallons** given per rotor

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