

SPRINKLER HEAD SETUP BEFORE INSTALLATION IN GROUND PREPARACIÓN DEL ASPERSOR ANTES DE LA INSTALACIÓN EN EL CAMPO

Set sprinkler no lower than flush to grade.
Instale el aspersor a nivel de suelo.



Nozzle installation Instalación de Boquilla

- 1 Unscrew top from tube.
Desenroscar parte superior.
- 2 Remove inner assembly.
Remueva ensamble interior.
- 3 Place inner assembly on flat surface.
With one hand push down cover.
Coloque ensamble interior en superficie plana. With one hand push down cover.
- 4 With other hand insert nozzle with ears up into nozzle opening.
Con la otra mano inserte la boquilla en la abertura para la boquilla, con los pestillos hacia arriba.
- 5 Pierce membrane with nozzle tool.
Rotate nozzle retaining screw in the clockwise direction in order to lock the nozzle in place.

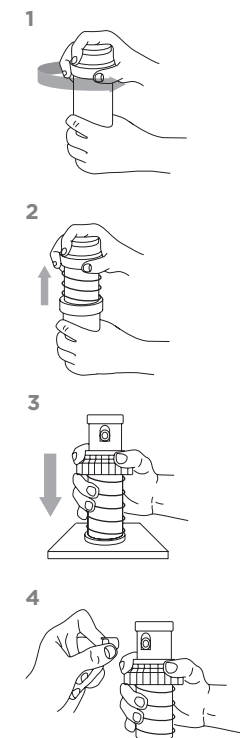
Caution: Overtightening screw may cause nozzle blow out.

Perfore membrana con herramienta de boquilla. Gire el tornillo de retención de la boquilla en dirección de las manecillas del reloj para asegurar la boquilla en su lugar.

Precaución: El apretar demasiado el tornillo puede causar que a boquilla reviente.

Arc Adjustment

1. With one hand hold ribbed section
Con una mano sujete sección ribeteada
2. With other hand rotate turret to adjust arrow to arc angle
Con la otra mano gire la torreta para ajustar la flecha al ángulo del arco
3. Arrow located opposite to nozzle
La flecha se localiza al lado opuesto de la boquilla
4. Set rotation angle to 40°- 360°
Ajuste ángulo de rotación a 40 -360
5. Presets: 90° 180° 270° 360°
Preestablecidos: 90° 180° 270° 360°
6. **Important:** Flush lateral line before reinserting inner assembly
Importante: Purgue línea lateral antes de reinstalar ensamble interior
7. Insert inner assembly
Inserte ensamble interior

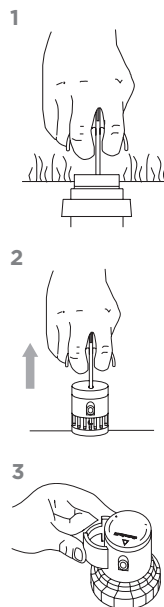


Arc Adjustment



Nozzle installation after installation Inerción de Boquilla después de instalación

- 1 With one hand insert nozzle tool into top of housing and rotate 90°.
Con una mano inserte herramienta de boquilla en la parte superior del aspersor y gire 90°.
- 2 Pull up to reveal sprinkler head.
Jale hacia arriba para revelar la cabeza del aspersor.
- 3 With other hand snap on optional collar support.
Con la otra mano inserte el sujetador de cuello opcional.
- 4 Install nozzle based on steps 4 and 5.
Instale la boquilla basado en pasos 4 - 5.



Arc Adjustment After Installation

1. With one hand hold flow tube below ribbed section.
Con una mano sujete el tubo de flujo debajo de la sección ribeteada.

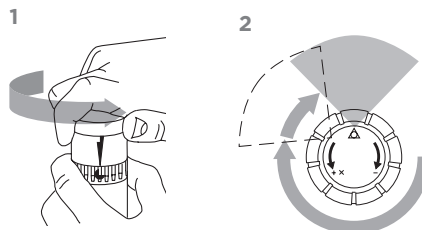
With the other hand rotate turret to relocate arc stop.
Con la otra mano gire la torreta para localizar los puntos de paro del arco.

2. To adjust arc size, see 6.
Para ajustar tamaño de arco ver.

To enlarge the arc turn the turret in the direction of the + arrow. To decrease the arc turn the turret in the direction of the - arrow.

Para aumentar el arco gire la torreta en dirección + de la flecha. Para disminuir el arco gire la torreta en dirección - de la flecha

Arc Adjustment After Installation



INSTRUCTIONS FOR ARC ADJUSTMENT ON THE T3 ROTARY SPRINKLER

The Weathermatic T3 rotary sprinkler is designed for arc adjustment without use of tools.

The easiest way to change the size of a watering arc is to do it while the sprinkler is running. Get behind the sprinkler that you want to adjust and “grab the arc ring” on the riser tube (the arc ring is the ring with notches located just below the nozzle).

Hold the arc ring to keep it from moving. With your other hand, grab the top of the sprinkler (above the nozzle) and turn it to the left or right. You will notice that on the top of the sprinkler there are arrows with + and - indicators. If you turn the top of the sprinkler toward the + you will increase the size of the arc. If you turn the top of the sprinkler toward the - you will decrease the arc. You must hold the arc ring while you are moving the top of the sprinkler.

After you have the size arc you want, LET GO of the arc ring and just turn the top of the sprinkler to the left or right to ratchet the arc to the correct location. If you are not holding the arc ring, you will not change the size of the arc.

ADJUSTMENT OF LENGTH OF THROW

It is possible to use the screw that holds the nozzle in place to diffuse and shorten the throw of the stream. However, using the screw for diffusion will have a distortion effect on the coverage pattern. If you want to diffuse the stream, you will need the tool provided with your sprinkler or any 5/64 allen tool will work. Use the allen tool to “punch through” the small triangle that you will see on the rubber cover of the sprinkler (if a nozzle is already in your sprinkler, then there will be a small hole already punched through the triangle).

CAUTION: When you are using the allen tool to lower the screw into the stream, be careful not to screw it down too far. The screw can drop out the bottom of the nozzle housing and the nozzle will blow out of the sprinkler. Generally, a few turns into the stream should be sufficient for diffusion.

| T3 / T35 Performance | | | | | | | | | | |
|--|--------------|------------|----------|-----------------|-----------------|--------------|----------|-------------------------|-----------------|-----------------|
| Nozzle | Pressure PSI | Radius ft. | Flow gpm | Precip. in/hr ■ | Precip. in/hr ▲ | Metric | | | | |
| | | | | | | Pressure BAR | Radius m | Flow m ³ /hr | Precip. mm/hr ■ | Precip. mm/hr ▲ |
| STANDARD ANGLE 26° TRAJECTORY | | | | | | | | | | |
| 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 |
| | 60 | 36 | 1.8 | 0.27 | 0.31 | 4,1 | 11,0 | 0,41 | 7 | 8 |
| 2 | 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 |
| | 60 | 35 | 2.3 | 0.36 | 0.42 | 4,1 | 10,7 | 0,52 | 9 | 11 |
| 3 | 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 |
| | 60 | 41 | 2.8 | 0.32 | 0.37 | 4,1 | 12,6 | 0,64 | 8 | 9 |
| 3.5 | 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 |
| | 60 | 43 | 4.3 | 0.45 | 0.52 | 4,1 | 13,1 | 0,98 | 11 | 13 |
| 4 | 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 |
| | 60 | 46 | 5.0 | 0.45 | 0.53 | 4,1 | 14,0 | 1,14 | 11 | 13 |
| 6 | 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 |
| | 60 | 47 | 6.9 | 0.60 | 0.69 | 4,1 | 14,3 | 1,57 | 15 | 18 |
| 8 | 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 |
| | 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