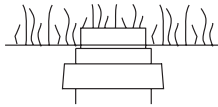


## SPRINKLER HEAD SETUP BEFORE INSTALLATION IN GROUND PREPARACIÓN DEL ASPERSOR ANTES DE LA INSTALACIÓN EN EL CAMPO

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



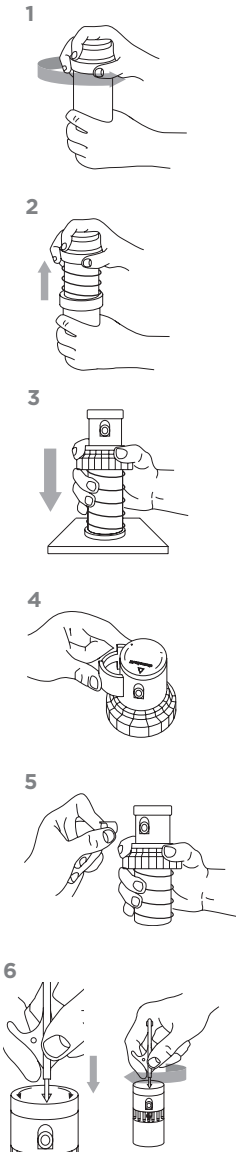
### Nozzle installation Instalación de Boquilla

- 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. Con una mano empuje hacia abajo el cuello.*
- 4** With other hand snap on collar support.  
*Con la otra mano inserte collar de soporte de cuello.*
- 5** Insert nozzle with ears up into nozzle opening.  
*Inserte boquilla en la abertura con los pestillos hacia arriba.*
- 6** 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.

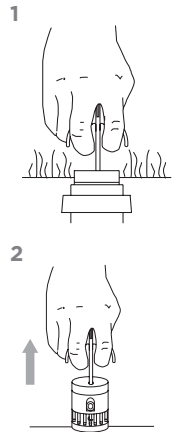
*Perfore membrana con herramienta de boquilla. Gire el tornillo de retención de la boquilla en dirección de las manecillas del reloj para asegurar la boquilla en su lugar.*

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



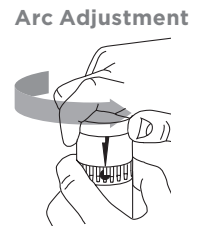
### Nozzle installation after installation Inserción de Boquilla después de instalación

- 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

- 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*

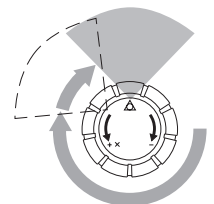


### Arc Adjustment After Installation

- 8.** See 1 and 2 above.  
*Ver 1 y 2.*

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*



## INSTRUCTIONS FOR ARC ADJUSTMENT ON THE CT70 ROTARY SPRINKLER

The Weathermatic CT70 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.

CT70 Performance						
Nozzle	Pressure PSI	Radius* ft.	Flow gpm	Metric		
				Pressure BAR	Radius* m	Flow m <sup>3</sup> /hr
71	40	49	8.1	2,8	14,9	1,84
	50	51	9.1	3,4	15,5	2,07
	60	53	10.0	4,2	16,2	2,27
	70	55	11.0	4,8	16,8	2,50
	80	56	11.8	5,5	17,0	2,68
72	50	54	10.7	3,4	16,5	2,43
	60	55	11.8	4,2	16,8	2,68
	70	57	12.6	4,8	17,4	2,86
	80	58	13.8	5,5	17,7	3,13
73	50	57	14.0	3,4	17,4	3,18
	60	58	15.3	4,2	17,7	3,48
	70	60	16.8	4,8	18,3	3,82
	80	61	17.8	5,5	18,6	4,04
74	60	59	16.6	4,2	18,0	3,77
	70	62	18.1	4,8	18,9	4,11
	80	63	19.2	5,5	19,2	4,36
	90	65	20.4	6,2	19,8	4,63
	75	60	66	22.5	4,2	20,1
70		67	24.7	4,8	20,4	5,61
80		72	26.5	5,5	21,9	6,02
90		74	28.0	6,2	22,6	6,36

Nozzle trajectory: 26°  
 \*Radius of coverage shown is for still air with no diffusion. Maximum radius reduction with diffuser screw is 25%.  
 Note: Performance data derived from tests that conform to ASAE Standard S398.1.  
 Note: see page 65 for spacing and precipitation rate formulas.