

# Installation Guidelines

## SRS, Pro-Spray® and Institutional Spray Sprinklers

### Installation Instructions

1. Install screen into riser opening and screw any female-threaded spray nozzle onto riser.
2. Ratchet riser (Fig. 1) to align the right edge of the spray arc (looking from "behind" the sprinkler) to the right edge of the area to be irrigated.

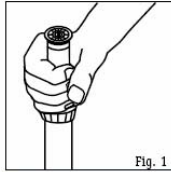


Fig. 1

### Arc Adjustment

The Hunter Adjustable Arc nozzles come from the factory with a preset arc of 25°.

1. Hold the perimeter of the nozzle with fingers and turn the nozzle counterclockwise to increase the arc. (Fig. 2)

2. To decrease the arc, hold the perimeter of the nozzle with fingers and turn the nozzle clockwise.
- NOTE: The arc can also be increased or decreased by using a flat-bladed screwdriver.

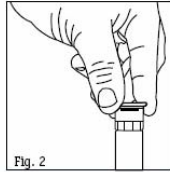


Fig. 2

### Radius Adjustment

1. Hold the nozzle arc stationary with fingers, or with the two pins on the side of the Hunter wrench between any of the nozzle spokes. (Fig. 3)
2. Adjust the radius with a flat-bladed screwdriver by turning the center screw clockwise to reduce the radius.

NOTE: The radius should not be reduced more than 25%. The nozzles are preset at the factory for maximum radius.

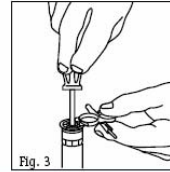


Fig. 3

## PS Spray Sprinklers

### Installation Instructions

1. DO NOT REMOVE THE NOZZLE. The filter screen is accessible from the bottom of the riser.
2. Ratchet riser (Fig. 4) to align the raised dot on top of each nozzle with what will be the right edge of the spray arc (looking from "behind" the sprinkler).



Fig. 4

### Arc Adjustment

1. Insert the hex end of the Hunter wrench into the stainless steel hex screw and turn the screw counterclockwise to increase the arc. (Fig. 5)

NOTE: The nozzle turns with the screw and both the arc of coverage and the discharge rate are increased. Do not use the Hunter wrench sideways in the spokes to adjust the arc. The flow will not adjust proportionately to the arc.

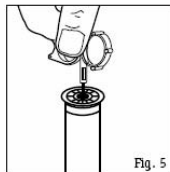


Fig. 5

### Radius Adjustment

1. Hold the plastic nozzle stationary by inserting the two pins on the side of a Hunter wrench between any of the nozzle spokes. (Fig. 6)
2. With a second Hunter wrench, turn the stainless steel hex screw clockwise to decrease, and counterclockwise to increase, the radius and discharge rate.

NOTE: The radius should not be reduced more than 25%. The sprinkler is preset at the factory for maximum radius.

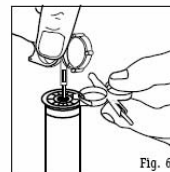
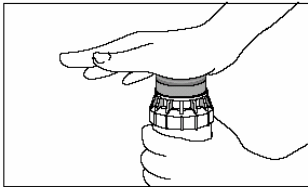


Fig. 6

## PGP®, I-20 Ultra, I-25 Plus, I-40 Group and I-60 Rotary Sprinklers Arc Adjustment



### To increase arc:

1. Insert the plastic key end of the Hunter wrench into the adjustment socket.
2. While holding the nozzle turret at the right stop, turn the wrench clockwise. Each 360° turn of the wrench increases arc 90° (45° for I-25 Plus and I-40 group).
3. Wrench will stop turning or there will be a ratcheting noise when adjusted to the maximum arc (360°).
4. Adjust to any arc between 40° and 360°.

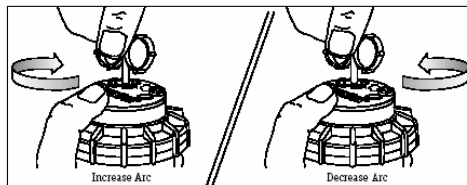
### To decrease arc:

1. Insert the plastic key end of the Hunter wrench into the adjustment socket.
2. While holding the nozzle turret at the right stop, turn the wrench counterclockwise. Each 360° turn of the wrench decreases arc 90° (45° for I-25 Plus and I-40 group).
3. Wrench will stop turning or there will be a ratcheting noise when adjusted to the minimum arc (40°).

### Arc Adjustment

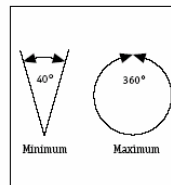
Adjustable heads are preset to approximately 180°. Sprinklers may be adjusted with water on or off. It is recommended that initial adjustments be made before installation.

1. Using the palm of your hand, rotate the nozzle turret counterclockwise to the left stop to complete any interrupted rotation cycle.
2. Rotate the nozzle turret clockwise to the right stop. This is the fixed side of the arc. The nozzle turret must be held in this position for arc adjustments. The right stop does not change.



Increase Arc

Decrease Arc



Minimum

Maximum

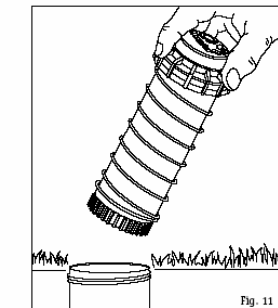


Fig. 11

### Aligning the Right (Fixed) Side of Arc

If the right side of the arc is not properly aligned, the results may be a wet walkway or a dry turf area. The right side arc can easily be realigned. One way to realign the right stop is to turn the whole sprinkler body assembly and the fitting below it, left or right to the desired position. This may require temporary removal of the soil around the sprinkler to allow you to grip the sprinkler housing.

Another way to reset the right arc is to unscrew the body cap counterclockwise and remove the internal assembly from the body. Once removed, rotate the

nozzle turret to the right stop, screw the internal assembly back into the body with the nozzle aligned to the right side of the area you want irrigated (Fig. 11). At this point you have realigned the right arc stop, and you can adjust the left arc to an appropriate setting.

Note: It is not necessary to dig up and remove the whole sprinkler to realign the right arc.