

INSTALLATION TIPS

(left and right references are views from behind rotor) Adjustable arc rotors have two arc stops - the right stop is fixed and the left is adjustable. The adjustable arc is factory set to approximately 180°. For reference a nozzle direction arrow may be found on the logo cap. This arrow identifies the direction of water flow. For installation convenience the nozzle housing is rotated to the right arc stop at the factory.

As the sprinkler is installed onto the inlet fitting, be sure to turn the body so that the nozzle reference arrow on the logo cap is aligned with the right boundary of the area to be irrigated. The right (fixed) arc stop will not change when making adjustments. Only the left (adjustable) arc stop changes as the arc is increased or decreased.

The right arc stop may be reset after installation. This is accomplished by removing the riser assembly from the body, rotating the riser to align the right arc stop with the boundary, and reinstalling the riser. Ensure that the nozzle housing is rotated fully clockwise to the right arc stop before reinstalling the riser assembly.

WARNING: Eye protection should be worn and safe handling procedures followed when servicing this product. The units operate at considerable pressure. To avoid accidents always shut off the water supply before starting work. It is good practice to tag the control valve so that others will be informed.

ARC ADJUSTMENT INSTRUCTIONS

The sprinkler can be adjusted to any arc setting between 40° and 360°. This can be done while the unit is in operation. Arc adjustment is accomplished by inserting a suitable tool in the arc adjustment socket located at the top of the sprinkler and rotating the adjustment clockwise or counterclockwise. The T-handle tool p/n 319100 is designed to aid in arc adjustment.

1. In order to set the arc first rotate the nozzle housing counterclockwise to the left arc stop. If there is resistance turning nozzle housing counterclockwise then rotate it clockwise to the right stop, then back to the left arc stop. Lastly rotate the nozzle housing to the right arc stop. The nozzle housing must be held at this position for all arc adjustments.
2. Increase arc by turning the adjustment clockwise. Insert the T-handle tool into the arc adjustment socket and turn clockwise. Each full turn of the tool will increase the arc 45°. When the maximum arc of 360° is reached either further movement of the tool will be limited, or a ratcheteing sound will be heard as the tool is turned.
3. Decrease arc by turning the adjustment counterclockwise. Each full turn of the tool will decrease the arc 45°. When the minimum arc of 45° is reached either further movement of the tool will be limited, or a ratcheteing sound will be heard as the tool is turned.