ARC ADJUSTMENTS  
(NON-OPPOSING NOZZLE MODEL)  
All I-40 group adjustable heads are preset to approximately 180°.  
Sprinklers may be adjusted with water on or off. It is recommended  
that initial adjustment be made before installation.  
1. Using the palm of your hand, rotate the nozzle turret counter- 
clockwise to left stop to complete any interrupted rotation cycle  
(Fig. 1).  
2. Rotate the nozzle turret clockwise to right stop. This is the fixed  
side of the arc. The nozzle turret must be held in this position  
for all arc adjustments.  
**To Increase Arc**  
1. Insert the key end of the Hunter wrench into the adjustment  
socket (Figs. 2 & 3).  
2. While holding the nozzle turret at the right stop, turn the  
wrench clockwise. Each 360° turn of the wrench increases the  
ar 45°.  
3. Adjust to any arc between 50° and 360°.  
4. Wrench will stop turning, or there will be a ratcheting noise,  
when the maximum arc (360°) is reached.  
5. When set to 360°, the sprinkler will rotate continually  
counterclockwise.  
**To Decrease Arc**  
1. Insert the key end of the Hunter wrench into the adjustment  
socket (Figs. 2 & 3).  
2. While holding the nozzle turret at the right stop, turn the  
wrench counterclockwise. Each 360° turn of the wrench  
decreases the arc 45°.  
3. Adjust to any arc between 50° and 360°.  
4. Wrench will stop turning, or there will be a ratcheting noise,  
when the minimum arc (50°) is reached.  
**Radius Adjustment**  
Insert the hex end of the Hunter wrench into the nozzle-retainer/  
range-adjustment screw (Figs. 2 & 3). Turn the screw clockwise  
into the stream of water to decrease the radius, or counterclockwise  
to increase the radius.  
**Precipitation Rate Adjustment**  
Where excessively wet or dry areas are a problem, the  
precipitation rate may be adjusted. Simply replace the existing  
nozzle with a larger one to increase or a smaller one to decrease  
the rate of precipitation.  
**Nozzle Installation**  
1. Insert the key end of the Hunter wrench into the lifting socket  
of a pop-up sprinkler. Pull the riser up to gain access to the  
nozzle socket.  
2. Using the Hunter wrench, loosen the nozzle-retainer/range-  
adjustment screw. If a nozzle is already installed in the  
sprinkler, it may now be removed by briefly turning on  
the water.  
3. Discard nozzle if removed with pliers. Slip the desired nozzle  
into the nozzle socket. Note that the socket is angled up 25°  
(see Fig. 4). Tighten the nozzle-retainer/range-adjustment screw.  
**NON-STRIPPABLE BACKDRIVE**  
This sprinkler is designed with an internal device that prevents  
damage to the internal gear drive if it should be turned by  
vandals. This important feature works when the nozzle turret  
is turning in either direction. This makes the sprinkler very  
durable in all applications.  
**AUTO ARC RETURN**  
This sprinkler is designed with an internal device that re-aligns  
the arc if it is turned by vandals. This important feature works  
when the nozzle turret is turning in either direction. When  
forced outside of the originally set arc, the sprinkler takes the  
shortest path back to the pattern without going completely  
around. This saves the non-irrigated areas from getting wet!  
Always a good thing!
**I-40 High Speed Nozzle Performance Data**

<table>
<thead>
<tr>
<th>Nozzle</th>
<th>Pressure (Psi)</th>
<th>Radius (In)</th>
<th>Flow (GPM)</th>
<th>Flow (mm3/hr)</th>
<th>Precip (in/hr)</th>
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</thead>
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<tr>
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<td>60</td>
<td>65</td>
<td>23.9</td>
<td>1.06</td>
<td>1.22</td>
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<tr>
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<td>60</td>
<td>66</td>
<td>25.8</td>
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<td>1.28</td>
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</tbody>
</table>

**I-40 Dual Opposing Nozzle Performance Data**

<table>
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<th>Nozzle</th>
<th>Pressure (Psi)</th>
<th>Radius (In)</th>
<th>Flow (GPM)</th>
<th>Flow (mm3/hr)</th>
<th>Precip (in/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
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<td>1.28</td>
</tr>
</tbody>
</table>

**I-40 NOZZLE INSTALLATION**

- **Correct Installation**
- **I-40 Full Circle Rotation Speed**

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*Factory-installed nozzle*

Note: All precipitation rates are calculated for 180 degree operation. For the precipitation rate for a 360 degree spray, divide by 2.

Precipitation rates for the CRN model are calculated at 360 degrees.