

### ARC ADJUSTMENT

All I-40-36S-ON heads are 360° ONLY. There is no arc adjustment. For less than 360° use I-40-ADS.

### RADIUS ADJUSTMENT

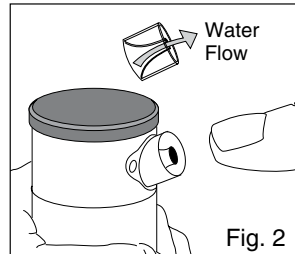
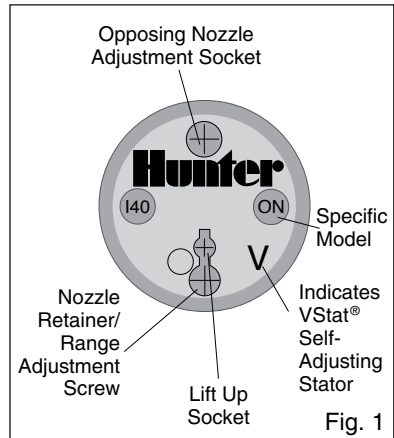
Insert the hex end of the Hunter wrench into the nozzle-retainer/range-adjustment screw (Fig. 1). Turn the screw clockwise into the stream of water to decrease the radius, or counter-clockwise to increase the radius.

### PRECIPITATION RATE ADJUSTMENT

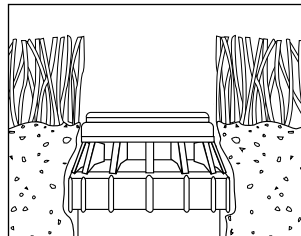
Where excessively wet or dry areas are a problem, the precipitation rate may be adjusted. Simply replace the existing nozzle with a larger one to increase, or a smaller one to decrease the rate of precipitation.

### 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. 2). Tighten the nozzle-retainer/range-adjustment screw.
4. Install like opposing nozzles.



### Correct Installation



### Performance Charts

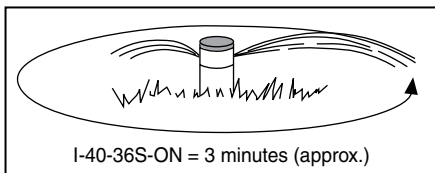
#### I-40 Dual Opposing Nozzle Performance Data

| Nozzle                 | Pressure<br>PSI | Radius<br>ft. | Flow<br>GPM | Precip in/hr<br>■ ▲ |      |
|------------------------|-----------------|---------------|-------------|---------------------|------|
| <b>15</b><br>Gray      | 50              | 52'           | 13.0        | 0.46                | 0.53 |
|                        | 60              | 54'           | 13.2        | 0.44                | 0.50 |
|                        | 70              | 56'           | 14.4        | 0.44                | 0.51 |
|                        | 80              | 57'           | 15.5        | 0.46                | 0.53 |
| <b>18</b><br>Red       | 50              | 58'           | 13.7        | 0.39                | 0.45 |
|                        | 60              | 59'           | 15.2        | 0.42                | 0.49 |
|                        | 70              | 60'           | 16.6        | 0.44                | 0.51 |
|                        | 80              | 62'           | 17.8        | 0.45                | 0.51 |
| <b>20</b><br>Dk. Brown | 60              | 63'           | 19.1        | 0.46                | 0.53 |
|                        | 70              | 64'           | 20.9        | 0.49                | 0.57 |
|                        | 80              | 66'           | 22.3        | 0.49                | 0.57 |
|                        | 90              | 66'           | 23.9        | 0.53                | 0.61 |
| <b>23</b><br>Dk. Green | 60              | 65'           | 20.4        | 0.46                | 0.54 |
|                        | 70              | 66'           | 22.3        | 0.49                | 0.57 |
|                        | 80              | 67'           | 24.0        | 0.51                | 0.59 |
|                        | 90              | 68'           | 25.6        | 0.53                | 0.62 |
| <b>25</b><br>Dk. Blue* | 60              | 66'           | 22.0        | 0.49                | 0.56 |
|                        | 70              | 68'           | 24.0        | 0.50                | 0.58 |
|                        | 80              | 69'           | 25.9        | 0.52                | 0.60 |
|                        | 90              | 70'           | 27.2        | 0.53                | 0.62 |
| <b>28</b><br>Black     | 70              | 70'           | 28.9        | 0.57                | 0.66 |
|                        | 80              | 72'           | 30.9        | 0.57                | 0.66 |
|                        | 90              | 74'           | 32.9        | 0.58                | 0.67 |
|                        | 100             | 76'           | 33.7        | 0.56                | 0.65 |

\* Factory-installed nozzle

Note: All precipitation rates calculated for 360 degree operation.

### Full Circle Rotation Speed



Data represent test results in zero wind. Adjust for local conditions. Radius may be reduced up to 25% with adjustment screw (this may alter the uniformity of the spray pattern).

#### I-41 Dual Opposing Nozzle Performance Data – Metric

| Nozzle                 | Pressure<br>Bars | Pressure<br>kPa | Radius<br>m | Flow<br>m <sup>3</sup> /hr | Flow<br>l/min | Precip mm/hr<br>■ ▲ |    |
|------------------------|------------------|-----------------|-------------|----------------------------|---------------|---------------------|----|
| <b>15</b><br>Gray      | 3.0              | 303             | 15.2        | 2.75                       | 45.8          | 24                  | 27 |
|                        | 3.5              | 352             | 15.8        | 2.91                       | 48.5          | 23                  | 27 |
|                        | 4.0              | 400             | 16.2        | 3.06                       | 51.0          | 23                  | 27 |
|                        | 4.5              | 448             | 16.8        | 3.20                       | 53.3          | 23                  | 26 |
|                        | 5.0              | 496             | 17.1        | 3.32                       | 55.4          | 23                  | 26 |
|                        | 5.5              | 552             | 17.4        | 3.46                       | 57.7          | 23                  | 26 |
| <b>18</b><br>Red       | 3.0              | 303             | 17.4        | 2.90                       | 48.3          | 19                  | 22 |
|                        | 3.5              | 352             | 17.7        | 3.15                       | 52.5          | 20                  | 23 |
|                        | 4.0              | 400             | 18.0        | 3.38                       | 56.4          | 21                  | 24 |
|                        | 4.5              | 448             | 18.0        | 3.61                       | 60.1          | 22                  | 26 |
|                        | 5.0              | 496             | 18.3        | 3.82                       | 63.7          | 23                  | 26 |
|                        | 5.5              | 552             | 18.9        | 4.05                       | 67.5          | 23                  | 26 |
| <b>20</b><br>Dk. Brown | 4.0              | 400             | 18.9        | 4.26                       | 71.1          | 24                  | 28 |
|                        | 4.5              | 448             | 19.2        | 4.54                       | 75.6          | 25                  | 28 |
|                        | 5.0              | 496             | 19.5        | 4.80                       | 80.0          | 25                  | 29 |
|                        | 5.5              | 552             | 20.1        | 5.08                       | 84.7          | 25                  | 29 |
|                        | 6.0              | 600             | 19.8        | 5.32                       | 88.7          | 27                  | 31 |
|                        | 6.5              | 648             | 20.1        | 5.55                       | 92.5          | 27                  | 32 |
| <b>23</b><br>Dk. Green | 4.0              | 400             | 19.5        | 4.55                       | 75.8          | 24                  | 28 |
|                        | 4.5              | 448             | 19.8        | 4.85                       | 80.8          | 25                  | 29 |
|                        | 5.0              | 496             | 20.1        | 5.14                       | 85.6          | 25                  | 29 |
|                        | 5.5              | 552             | 20.4        | 5.45                       | 90.8          | 26                  | 30 |
|                        | 6.0              | 600             | 20.7        | 5.71                       | 95.1          | 27                  | 31 |
|                        | 6.5              | 648             | 20.7        | 5.96                       | 99.4          | 28                  | 32 |
| <b>25</b><br>Dk. Blue* | 4.0              | 400             | 20.1        | 4.92                       | 82.1          | 24                  | 28 |
|                        | 4.5              | 448             | 20.4        | 5.23                       | 87.2          | 25                  | 29 |
|                        | 5.0              | 496             | 20.7        | 5.52                       | 92.0          | 26                  | 30 |
|                        | 5.5              | 552             | 21.0        | 5.84                       | 97.3          | 26                  | 30 |
|                        | 6.0              | 600             | 21.3        | 6.10                       | 101.7         | 27                  | 31 |
|                        | 6.5              | 648             | 21.3        | 6.36                       | 106.0         | 28                  | 32 |
| <b>28</b><br>Black     | 4.5              | 448             | 21.0        | 6.38                       | 106.4         | 29                  | 33 |
|                        | 5.0              | 496             | 21.3        | 6.68                       | 111.3         | 29                  | 34 |
|                        | 5.5              | 552             | 21.9        | 7.00                       | 116.7         | 29                  | 34 |
|                        | 6.0              | 600             | 22.3        | 7.27                       | 121.1         | 29                  | 34 |
|                        | 6.5              | 648             | 22.6        | 7.52                       | 125.3         | 30                  | 34 |
|                        | 7.0              | 696             | 23.2        | 7.76                       | 129.4         | 29                  | 33 |

\* Factory-installed nozzle

Note: All precipitation rates calculated for 360 degree operation.