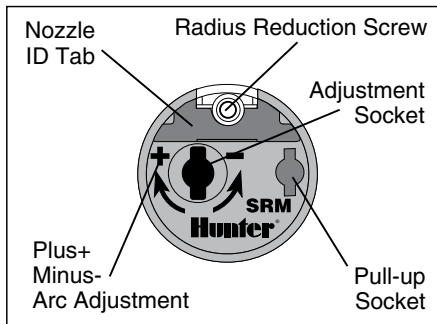




### Arc Adjustment

(All SRM adjustable heads are PRESET to approximately 40°)

1. Rotate the nozzle turret counterclockwise to the left stop.
2. Now, 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 all arc adjustments.

### To increase arc:

1. Insert the key end of the Hunter wrench into the adjustment socket on top of the sprinkler.
2. While holding the nozzle turret at the right stop, turn the wrench clockwise. (Note: all adjustments can be made with less than one full turn of the adjusting wrench.)
3. Wrench will stop turning when adjusted to the maximum arc (360°). Do not go past this stop.
4. Adjust to any arc between 40°-360°.

### To decrease arc:

1. Insert the key end of the Hunter wrench into the adjustment socket.
2. While holding the nozzle turret at the right stop, turn the wrench counterclockwise.
3. Wrench will stop turning when adjusted to the minimum arc (40°). Do not go past this stop.
4. Adjust to any arc between 40°-360°.

### Radius Adjustment

### To decrease radius:

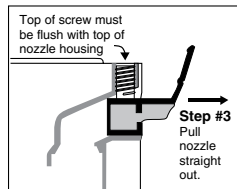
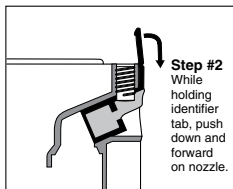
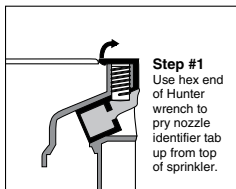
1. Turn nozzle-retainer/range-adjustment screw clockwise. This can reduce radius up to 25%.
2. If an even smaller radius is desired, install a smaller nozzle. This will affect precipitation rate.

### To increase radius:

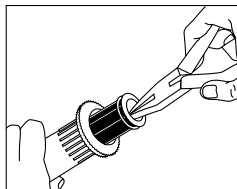
1. Turn nozzle-retainer/range-adjustment screw counterclockwise.
2. If larger radius is desired, install larger nozzle. This will affect precipitation rate.

### Nozzle Removal

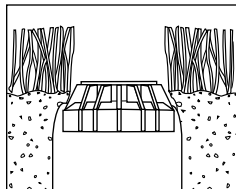
- If the top of the screw is below the top of the turret, the screw must be turned counter-clockwise until it is flush with the top before removing the nozzle.
- If the screw is flush with the top of the nozzle turret, the nozzle can be installed by reversing the steps above.



### Removing Filter Screen for Cleaning



### Proper Installation Height



SRM 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 in/hr ▲ | Precip in/hr ▲ |
|------------|------------------|-----------------|-------------|----------------------------|---------------|----------------|----------------|
| <b>.50</b> | 1.7              | 172             | 4.0         | 0.08                       | 1.4           | 11             | 12             |
|            | 2.0              | 200             | 4.3         | 0.09                       | 1.6           | 10             | 12             |
|            | <b>2.5</b>       | <b>248</b>      | <b>4.3</b>  | <b>0.11</b>                | <b>1.8</b>    | <b>12</b>      | <b>14</b>      |
|            | 3.0              | 303             | 4.6         | 0.12                       | 2.0           | 12             | 13             |
|            | 3.5              | 352             | 4.6         | 0.13                       | 2.2           | 13             | 15             |
| <b>.75</b> | 3.8              | 379             | 4.9         | 0.14                       | 2.3           | 12             | 14             |
|            | 1.7              | 172             | 4.9         | 0.13                       | 2.2           | 11             | 13             |
|            | 2.0              | 200             | 5.2         | 0.14                       | 2.4           | 11             | 12             |
|            | <b>2.5</b>       | <b>248</b>      | <b>5.2</b>  | <b>0.16</b>                | <b>2.7</b>    | <b>12</b>      | <b>14</b>      |
|            | 3.0              | 303             | 5.5         | 0.18                       | 3.0           | 12             | 14             |
| <b>1.0</b> | 3.5              | 352             | 5.5         | 0.19                       | 3.2           | 13             | 15             |
|            | 3.8              | 379             | 5.8         | 0.20                       | 3.4           | 12             | 14             |
|            | 1.7              | 172             | 5.8         | 0.18                       | 2.9           | 11             | 12             |
|            | 2.0              | 200             | 6.1         | 0.19                       | 3.2           | 10             | 12             |
|            | <b>2.5</b>       | <b>248</b>      | <b>6.1</b>  | <b>0.21</b>                | <b>3.5</b>    | <b>11</b>      | <b>13</b>      |
| <b>1.5</b> | 3.0              | 303             | 6.4         | 0.24                       | 3.9           | 12             | 13             |
|            | 3.5              | 352             | 6.4         | 0.25                       | 4.2           | 12             | 14             |
|            | 3.8              | 379             | 6.7         | 0.26                       | 4.4           | 12             | 14             |
|            | 1.7              | 172             | 6.7         | 0.27                       | 4.5           | 12             | 14             |
|            | 2.0              | 200             | 7.0         | 0.29                       | 4.8           | 12             | 14             |
| <b>2.0</b> | <b>2.5</b>       | <b>248</b>      | <b>7.0</b>  | <b>0.32</b>                | <b>5.4</b>    | <b>13</b>      | <b>15</b>      |
|            | 3.0              | 303             | 7.3         | 0.36                       | 6.0           | 13             | 16             |
|            | 3.5              | 352             | 7.3         | 0.39                       | 6.5           | 15             | 17             |
|            | 3.8              | 379             | 7.6         | 0.40                       | 6.7           | 14             | 16             |
|            | 1.7              | 172             | 7.3         | 0.35                       | 5.8           | 13             | 15             |
| <b>2.5</b> | 2.0              | 200             | 7.9         | 0.38                       | 6.3           | 12             | 14             |
|            | <b>2.5</b>       | <b>248</b>      | <b>7.9</b>  | <b>0.43</b>                | <b>7.1</b>    | <b>14</b>      | <b>16</b>      |
|            | 3.0              | 303             | 8.2         | 0.48                       | 8.0           | 14             | 16             |
|            | 3.5              | 352             | 8.2         | 0.53                       | 8.8           | 16             | 18             |
|            | 3.8              | 379             | 8.5         | 0.55                       | 9.2           | 15             | 17             |
| <b>3.0</b> | 1.7              | 172             | 8.2         | 0.51                       | 8.5           | 15             | 17             |
|            | 2.0              | 200             | 8.5         | 0.56                       | 9.3           | 15             | 18             |
|            | <b>2.5</b>       | <b>248</b>      | <b>8.5</b>  | <b>0.64</b>                | <b>10.6</b>   | <b>17</b>      | <b>20</b>      |
|            | 3.0              | 303             | 9.1         | 0.72                       | 12.0          | 17             | 20             |
|            | 3.5              | 352             | 9.1         | 0.78                       | 13.1          | 19             | 22             |
|            | 3.8              | 379             | 9.4         | 0.82                       | 13.7          | 18             | 21             |

SRM Nozzle Performance Data

| Nozzle     | Pressure<br>PSI | Radius<br>m | Flow<br>GPM | Precip in/hr ▲ | Precip in/hr ▲ |
|------------|-----------------|-------------|-------------|----------------|----------------|
| <b>.50</b> | 30              | 15'         | 0.42        | 0.36           | 0.41           |
|            | <b>40</b>       | <b>16'</b>  | <b>0.50</b> | <b>0.38</b>    | <b>0.43</b>    |
|            | 50              | 17'         | 0.58        | 0.39           | 0.45           |
| <b>.75</b> | 30              | 17'         | 0.64        | 0.43           | 0.49           |
|            | <b>40</b>       | <b>18'</b>  | <b>0.75</b> | <b>0.45</b>    | <b>0.51</b>    |
|            | 50              | 18'         | 0.85        | 0.51           | 0.58           |
| <b>1.0</b> | 30              | 19'         | 0.85        | 0.45           | 0.52           |
|            | <b>40</b>       | <b>20'</b>  | <b>1.0</b>  | <b>0.48</b>    | <b>0.56</b>    |
|            | 50              | 20'         | 1.1         | 0.53           | 0.61           |
| <b>1.5</b> | 30              | 23'         | 1.3         | 0.47           | 0.55           |
|            | <b>40</b>       | <b>24'</b>  | <b>1.5</b>  | <b>0.50</b>    | <b>0.58</b>    |
|            | 50              | 25'         | 1.7         | 0.52           | 0.60           |
| <b>2.0</b> | 30              | 25'         | 1.7         | 0.52           | 0.60           |
|            | <b>40</b>       | <b>26'</b>  | <b>2.0</b>  | <b>0.57</b>    | <b>0.66</b>    |
|            | 50              | 27'         | 2.3         | 0.61           | 0.70           |
| <b>3.0</b> | 30              | 28'         | 2.5         | 0.61           | 0.71           |
|            | <b>40</b>       | <b>30'</b>  | <b>3.0</b>  | <b>0.64</b>    | <b>0.74</b>    |
|            | 50              | 30'         | 3.4         | 0.73           | 0.84           |

The average precipitation rate is approximately .45" per hour for a 180° arc sprinkler (actual precipitation may vary and should be calculated).

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