

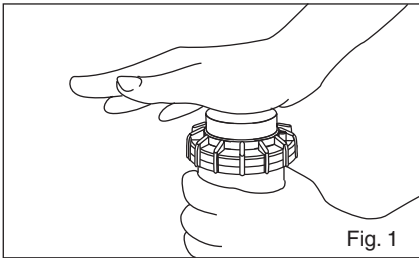
### ARC ADJUSTMENTS

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 counterclockwise to the left stop to complete any interrupted rotation cycle (Fig. 1).
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 all arc adjustments.

### To Increase the Arc:

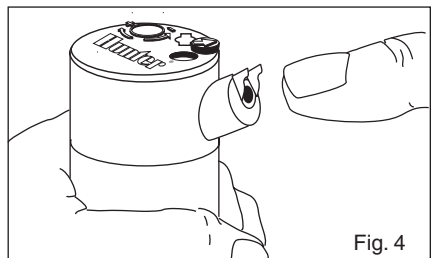
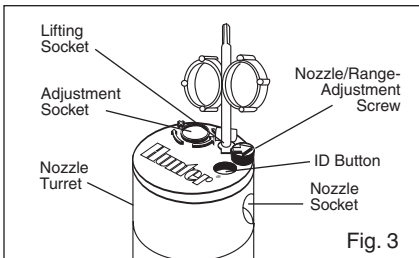
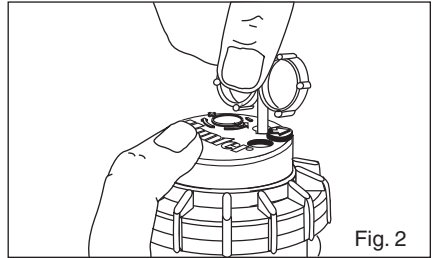
1. Insert the key end of the Hunter wrench into the adjustment socket (Figs. 2 & 3).



2. While holding the nozzle turret at the right stop, turn the wrench clockwise. Each full turn of the wrench increases the arc 90°.
3. Adjust to any arc between 40° and 360°.
4. Wrench will stop turning or there will be a ratcheting noise, when the maximum arc (360°) is reached.

### To Decrease the 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 full turn of the wrench decreases the arc 90°.
3. Adjust to any arc between 40° and 360°.
4. Wrench will stop turning, or there will be a ratcheting noise, when the minimum arc (40°) is reached.



### RADIUS ADJUSTMENT

Insert the hex end of the Hunter wrench into the nozzle/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

For excessively wet or dry areas, the precipitation rate can be adjusted—simply replace the existing nozzle with a larger one to increase, or a smaller one to decrease, the rate of precipitation.

**Note:** It is not necessary to disassemble the sprinkler to make adjustments.

### NOZZLE INSTALLATION

1. Insert the key end of the Hunter wrench into the lifting socket of the sprinkler. Pull the riser up to gain access to the nozzle socket.
2. Using the Hunter wrench, loosen the nozzle/range-adjustment screw. If a nozzle is already installed in the sprinkler, it can be removed by briefly turning on the water, or by pulling on one of the nozzle “ears” with needle-nose pliers.
3. Slip the desired nozzle into the nozzle socket. Note that the socket is angled up 25°. Also note that the “ears” should be located at the top (Fig. 4). Tighten the nozzle/range-adjustment screw.

## Performance Data

PGS, PGP, PGH Performance Chart					
Nozzle	Pressure		Radius m	Flow	
	Bars	kPa		m <sup>3</sup> /hr.	l/min
1	2,1	206	8,5	0,11	1,9
	2,8	275	8,8	0,14	2,3
	<b>3,4</b>	<b>344</b>	<b>8,8</b>	<b>0,16</b>	<b>2,7</b>
	4,1	413	9,1	0,18	3,0
2	2,1	206	8,8	0,16	2,6
	2,8	275	9,1	0,18	3,0
	<b>3,4</b>	<b>344</b>	<b>9,1</b>	<b>0,20</b>	<b>3,4</b>
	4,1	413	9,4	0,23	3,8
3	2,1	206	9,1	0,20	3,4
	2,8	275	9,4	0,23	3,8
	<b>3,4</b>	<b>344</b>	<b>9,4</b>	<b>0,27</b>	<b>4,5</b>
	4,1	413	9,8	0,30	4,9
4	2,1	206	9,8	0,27	4,5
	2,8	275	10,1	0,32	5,3
	<b>3,4</b>	<b>344</b>	<b>10,4</b>	<b>0,36</b>	<b>6,1</b>
	4,1	413	10,4	0,41	6,8
5	2,1	206	10,4	0,36	6,1
	2,8	275	11,0	0,41	6,8
	<b>3,4</b>	<b>344</b>	<b>11,6</b>	<b>0,45</b>	<b>7,6</b>
	4,1	413	11,6	0,50	8,3
6	2,1	206	11,0	0,45	7,6
	2,8	275	11,6	0,55	9,1
	<b>3,4</b>	<b>344</b>	<b>12,2</b>	<b>0,61</b>	<b>10,2</b>
	4,1	413	12,2	0,66	11,0
7	2,1	206	11,0	0,59	9,8
	2,8	275	12,2	0,68	11,4
	<b>3,4</b>	<b>344</b>	<b>12,8</b>	<b>0,77</b>	<b>12,9</b>
	4,1	413	12,8	0,84	14,0
8	2,1	206	11,3	0,73	12,1
	2,8	275	12,2	0,84	14,0
	<b>3,4</b>	<b>344</b>	<b>13,1</b>	<b>0,95</b>	<b>15,9</b>
	4,1	413	13,4	1,04	17,4
9	2,1	206	11,6	0,95	15,9
	2,8	275	13,1	1,11	18,5
	<b>3,4</b>	<b>344</b>	<b>14,0</b>	<b>1,25</b>	<b>20,8</b>
	4,1	413	14,3	1,36	22,7
10	2,8	275	13,7	1,36	22,7
	3,4	344	14,6	1,54	25,7
	<b>4,1</b>	<b>413</b>	<b>14,9</b>	<b>1,73</b>	<b>28,8</b>
	4,8	482	15,5	1,86	31,0
11	2,8	275	14,0	1,82	30,3
	3,4	344	14,6	2,02	33,7
	<b>4,1</b>	<b>413</b>	<b>15,2</b>	<b>2,23</b>	<b>37,1</b>
	4,8	482	15,5	2,39	39,7
12	2,8	275	14,0	2,59	43,2
	3,4	344	14,6	2,77	46,2
	<b>4,1</b>	<b>413</b>	<b>15,2</b>	<b>3,00</b>	<b>50,0</b>
	4,8	482	15,9	3,27	54,5

PGS, PGP, PGH Low Angle Chart					
Nozzle	Pressure		Radius m	Flow	
	Bars	kPa		m <sup>3</sup> /hr.	l/min
4	2,1	206	6,7	0,32	5,3
	2,8	275	7,3	0,39	6,4
	<b>3,4</b>	<b>344</b>	<b>7,9</b>	<b>0,41</b>	<b>6,8</b>
	4,1	413	8,5	0,45	7,6
5	2,1	206	7,6	0,36	6,1
	2,8	275	8,2	0,43	7,2
	<b>3,4</b>	<b>344</b>	<b>8,5</b>	<b>0,48</b>	<b>7,9</b>
	4,1	413	9,1	0,52	8,7
6	2,1	206	8,2	0,48	7,9
	2,8	275	9,1	0,57	9,5
	<b>3,4</b>	<b>344</b>	<b>10,1</b>	<b>0,64</b>	<b>10,6</b>
	4,1	413	10,7	0,68	11,4
7	2,1	206	8,8	0,64	10,6
	2,8	275	9,8	0,70	11,7
	<b>3,4</b>	<b>344</b>	<b>10,7</b>	<b>0,80</b>	<b>13,2</b>
	4,1	413	11,3	0,86	14,4
8	2,1	206	9,4	0,77	12,9
	2,8	275	10,4	0,89	14,8
	<b>3,4</b>	<b>344</b>	<b>11,3</b>	<b>1,00</b>	<b>16,7</b>
	4,1	413	11,6	1,07	17,8
9	2,1	206	10,1	0,98	16,3
	2,8	275	11,3	1,14	18,9
	<b>3,4</b>	<b>344</b>	<b>12,2</b>	<b>1,27</b>	<b>21,2</b>
	4,1	413	12,8	1,39	23,1
10	2,8	275	11,6	1,48	24,6
	3,4	344	12,2	1,66	27,6
	<b>4,1</b>	<b>413</b>	<b>12,8</b>	<b>1,82</b>	<b>30,3</b>
	4,8	482	13,4	1,95	32,6
P	Blank nozzle plug for turning off selected sprinklers during repairs, maintenance, etc.				

## Matched Precipitation

10 mm/hr at 3,4 bars/344 kPa									
Square Spacing	90° Nozzle #	Flow		180° Nozzle #	Flow		360° Nozzle #	Flow	
		m <sup>3</sup> /hr.	l/min		m <sup>3</sup> /hr.	l/min		m <sup>3</sup> /hr.	l/min
7,6 m	1	0,16	2,7	4	0,36	6,1	6	0,77	12,9
9,1 m	2	0,20	3,4	5	0,45	7,6	8	0,95	15,9
10,7 m	3	0,27	4,5	6	0,61	10,2	9	1,25	20,8
12,2 m	4	0,36	6,1	7	0,77	12,9	10	1,73	28,8
13,7 m	5	0,45	7,6	8	0,95	15,9	11	2,23	37,1

When the spacing/arc/nozzle pressure combinations are spaced as indicated, the precipitation rate will be approximately 10 mm/hr. at 3,4 bars/344 kPa.