

## PGP-ADJ

As Hunter's original rotor, the PGP® delivers unsurpassed reliability, durability, versatility, and value.

### KEY BENEFITS

- Three types of nozzles available for various landscapes: standard red, standard blue, gray low-angle
- Adjustable arc from 40° to 360° to keep water in the appropriate areas
- Factory-installed rubber cover for safety
- Through-the-top arc adjustment for easy installation
- QuickCheck™ Arc Mechanism for fast arc adjustment

### Operating Specifications

- Nozzle choices: 27
- Radius: 22' to 52'
- Flow: 0.5 to 14.1 GPM
- Recommended pressure range: 25 to 70 PSI
- Operating pressure range: 20 to 100 PSI
- Precipitation rate: 0.4 in/hr approximately
- Nozzle trajectory: standard = 25°, low-angle = 13°
- Warranty period: 2 years

### Factory-Installed Options

- Red 5-8 nozzle; Blue #1.5-4.0

### User-Installed Options

- Drain Check Valve (up to 3' of elevation) P/N: 142300SP



## PGP BLUE NOZZLE PERFORMANCE DATA

Nozzle	Pressure	Radius	Flow	Precip in/hr	
				■	▲
	PSI	ft	GPM		
1.5 • Blue	25	29	1.2	0.27	0.32
	35	31	1.4	0.28	0.32
	<b>45</b>	<b>31</b>	<b>1.5</b>	<b>0.30</b>	<b>0.35</b>
	55	32	1.8	0.34	0.39
	65	32	1.9	0.36	0.41
2.0 • Blue	25	33	1.4	0.25	0.29
	35	33	1.7	0.30	0.35
	<b>45</b>	<b>34</b>	<b>2.0</b>	<b>0.33</b>	<b>0.38</b>
	55	34	2.1	0.35	0.40
	65	34	2.3	0.38	0.44
2.5 • Blue	25	33	1.7	0.30	0.35
	35	35	2.1	0.33	0.38
	<b>45</b>	<b>35</b>	<b>2.5</b>	<b>0.39</b>	<b>0.45</b>
	55	35	2.6	0.41	0.47
	65	35	2.9	0.46	0.53
3.0 • Blue	25	35	2.2	0.35	0.40
	35	36	2.7	0.40	0.46
	<b>45</b>	<b>38</b>	<b>3.0</b>	<b>0.40</b>	<b>0.46</b>
	55	39	3.4	0.43	0.50
	65	39	3.7	0.47	0.54
4.0 • Blue	25	37	3.0	0.42	0.49
	35	39	3.5	0.44	0.51
	<b>45</b>	<b>40</b>	<b>4.0</b>	<b>0.48</b>	<b>0.56</b>
	55	41	4.5	0.52	0.60
	65	41	4.8	0.55	0.63
5.0 • Blue	25	37	3.7	0.52	0.60
	35	39	4.5	0.57	0.66
	<b>45</b>	<b>42</b>	<b>5.0</b>	<b>0.55</b>	<b>0.63</b>
	55	42	5.7	0.62	0.72
	65	42	6.2	0.68	0.78
6.0 • Blue	25	38	4.3	0.57	0.66
	35	40	5.6	0.67	0.78
	<b>45</b>	<b>43</b>	<b>6.0</b>	<b>0.62</b>	<b>0.72</b>
	55	44	6.7	0.67	0.77
	65	44	7.3	0.73	0.84
8.0 • Blue	25	37	6.0	0.84	0.97
	35	41	7.0	0.80	0.93
	<b>45</b>	<b>44</b>	<b>8.0</b>	<b>0.80</b>	<b>0.92</b>
	55	46	9.0	0.82	0.95
	65	46	9.8	0.89	1.03

**Notes:**

**Bold** = Recommended pressure.

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

## PGP RED NOZZLE PERFORMANCE DATA

Nozzle	Pressure	Radius	Flow	Precip in/hr	
	PSI	ft	GPM	■	▲
1 • Red	30	28	0.5	0.12	0.14
	40	29	0.6	0.14	0.16
	<b>50</b>	<b>29</b>	<b>0.7</b>	<b>0.16</b>	<b>0.19</b>
	60	30	0.8	0.17	0.20
2 • Red	30	29	0.7	0.16	0.19
	40	30	0.8	0.17	0.20
	<b>50</b>	<b>30</b>	<b>0.9</b>	<b>0.19</b>	<b>0.22</b>
	60	31	1.0	0.20	0.23
3 • Red	30	30	0.9	0.19	0.22
	40	31	1.0	0.20	0.23
	<b>50</b>	<b>31</b>	<b>1.2</b>	<b>0.24</b>	<b>0.28</b>
	60	32	1.3	0.24	0.28
4 • Red	30	32	1.2	0.23	0.26
	40	33	1.4	0.25	0.29
	<b>50</b>	<b>34</b>	<b>1.6</b>	<b>0.27</b>	<b>0.31</b>
	60	34	1.8	0.30	0.35
5 • Red	30	32	1.6	0.30	0.35
	40	36	1.8	0.27	0.31
	<b>50</b>	<b>38</b>	<b>2.0</b>	<b>0.27</b>	<b>0.31</b>
	60	38	2.2	0.29	0.34
6 • Red	30	34	2.0	0.33	0.38
	40	36	2.4	0.36	0.41
	<b>50</b>	<b>38</b>	<b>2.7</b>	<b>0.36</b>	<b>0.42</b>
	60	38	2.9	0.39	0.45
7 • Red	30	34	2.6	0.43	0.50
	40	38	3.0	0.40	0.46
	<b>50</b>	<b>40</b>	<b>3.4</b>	<b>0.41</b>	<b>0.47</b>
	60	40	3.7	0.45	0.51
8 • Red	30	37	3.2	0.45	0.52
	40	39	3.7	0.47	0.54
	<b>50</b>	<b>41</b>	<b>3.9</b>	<b>0.45</b>	<b>0.52</b>
	60	42	4.6	0.50	0.58
9 • Red	30	38	3.6	0.48	0.55
	40	41	4.3	0.49	0.57
	<b>50</b>	<b>44</b>	<b>5.2</b>	<b>0.52</b>	<b>0.60</b>
	60	45	5.5	0.52	0.60
10 • Red	40	44	6.0	0.60	0.69
	<b>50</b>	<b>46</b>	<b>6.8</b>	<b>0.62</b>	<b>0.71</b>
	60	47	7.6	0.66	0.76
	70	49	8.2	0.66	0.76
11 • Red	40	46	8.0	0.73	0.84
	<b>50</b>	<b>48</b>	<b>8.9</b>	<b>0.74</b>	<b>0.86</b>
	60	50	9.8	0.75	0.87

70	51	10.5	0.78	0.90	
12 ° Red	40	46	10.5	0.96	1.10
	<b>50</b>	<b>48</b>	<b>11.9</b>	<b>0.99</b>	<b>1.15</b>
	60	50	12.7	0.98	1.13
	70	52	14.1	1.00	1.16

**Notes:**

**Bold** = Recommended pressure.

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

PGP GREY LOW ANGLE NOZZLE PERFORMANCE DATA					
Nozzle	Pressure	Radius	Flow	Precip in/hr	
	PSI	ft	GPM	■	▲
4 LA ° Grey	30	22	1.4	0.56	0.64
	40	24	1.7	0.57	0.66
	<b>50</b>	<b>26</b>	<b>1.8</b>	<b>0.51</b>	<b>0.59</b>
	60	28	2.0	0.49	0.57
5 LA ° Grey	30	25	1.6	0.49	0.57
	40	27	1.9	0.50	0.58
	<b>50</b>	<b>28</b>	<b>2.1</b>	<b>0.52</b>	<b>0.60</b>
	60	30	2.3	0.49	0.57
6 LA ° Grey	30	27	2.1	0.55	0.64
	40	30	2.5	0.53	0.62
	<b>50</b>	<b>33</b>	<b>2.8</b>	<b>0.49</b>	<b>0.57</b>
	60	35	3.0	0.47	0.54
7 LA ° Grey	30	29	2.8	0.64	0.74
	40	32	3.1	0.58	0.67
	<b>50</b>	<b>35</b>	<b>3.5</b>	<b>0.55</b>	<b>0.64</b>
	60	37	3.8	0.53	0.62
8 LA ° Grey	30	31	3.4	0.68	0.79
	40	34	3.9	0.65	0.75
	<b>50</b>	<b>37</b>	<b>4.4</b>	<b>0.62</b>	<b>0.71</b>
	60	38	4.7	0.63	0.72
9 LA ° Grey	30	33	4.3	0.76	0.88
	40	37	5.0	0.70	0.81
	<b>50</b>	<b>40</b>	<b>5.6</b>	<b>0.67</b>	<b>0.78</b>
	60	42	6.1	0.67	0.77
10 LA ° Grey	40	38	6.5	0.87	1.00
	<b>50</b>	<b>40</b>	<b>7.3</b>	<b>0.88</b>	<b>1.01</b>
	60	42	8.0	0.87	1.01
	70	44	8.6	0.86	0.99

**Notes:**

**Bold** = Recommended pressure.

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

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