

ROTORS MP ROTATOR SPRAYS VALVES CONTROLLERS SENSORS CENTRAL CONTROLS MICRO

# PGP

ultra

# Hunter®



# Action Packed and Feature Stacked



The PGP Ultra is a blockbuster of epic proportions. Ready to thrill you, this action packed feature from the award-winning Hunter Industries stars the same great lineup of the original PGP: Through-the-top adjustment, large nozzle selection, and the industry's most reliable and proven drive-train assembly. But the newcomers are what make it Ultra: Full-circle adjustment from 50 to 360 degrees; non-strippable drive mechanism with auto-arc return; headed and slotted nozzle retainer screw, using either a Hunter wrench or a standard slotted screwdriver; and improved dirty-water tolerance on the internal gear drive.

Each PGP Ultra comes with an easy-to-install, square top rack of 8 standard nozzles and 4 low angle nozzles. And optional racks of short range nozzles, for the smallest of areas, are available, too.



Square top nozzle makes installation easy



Now you have a choice. Use a slotted screwdriver or the Hunter wrench with the PGP, for easier and simpler adjustments as you need to make them.



## Roll Out the Green Carpet

Thirty years in the spotlight and still center stage, the PGP has proven its status as a superstar. The best selling rotor in the world since 1981, the PGP's original exceptional design and impressive performance, along with continuous improvements and enhancements, have meant decades of unmatched durability, versatility, and value.





Rubber cover: Thicker and safer, allows the same through-the-top arc adjustment with user-friendly symbols.



Reclaimed water ID: Purple caps indicate where non-potable irrigation water is being used.



Headed and slotted screw: Two adjustment tool choices, won't get lost, easy to clean.

Blue square top nozzles: 8 standard, 4 low-angle, easy to install.

Patented automatic arc return: Returns to the original arc regardless of where the turret is turned.

Patented non-strippable, vandal-proof drive mechanism enables the turret to be turned without causing damage.

The PGP Ultra's backdrive mechanism up close.



Patented non-reversing 360: Part and full circle in one model, 50 to 360 degrees.



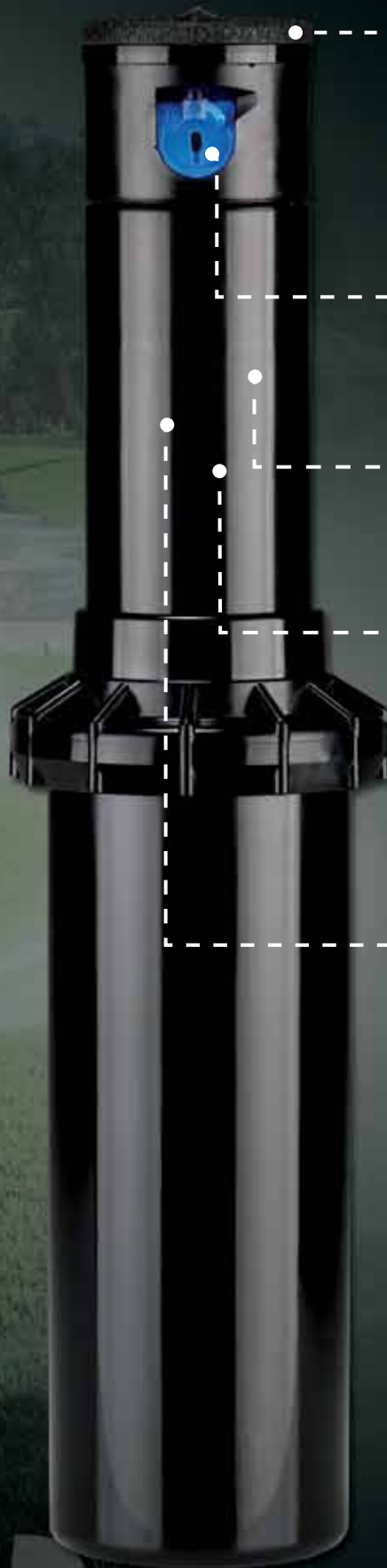
Turret turns 360 degrees continuously counter-clockwise.

Optional factory-installed drain check valve for up to 10' of elevation change. Saves water, reduce liability.



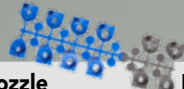
5-Year warranty: The most reliable rotor on the market, now a longer warranty.

Available in shrub, 4", and 12" pop-up.



# PGP ULTRA

# Charts and Specs



## PGP Ultra Blue Standard Nozzle Performance Data (P/N 782900)

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	
				■	▲
<b>1.5</b>	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
<b>2.0</b>	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
<b>2.5</b>	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
<b>3.0</b>	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
<b>4.0</b>	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
<b>5.0</b>	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
<b>6.0</b>	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
<b>8.0</b>	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	

## PGP Ultra Low Angle Nozzle Performance Data (P/N 782900)

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	
				■	▲
<b>2.0 LA</b>	30	25	1.6	0.49	0.57
	40	27	1.9	0.50	0.58
	50	28	2.1	0.52	0.60
	60	30	2.3	0.49	0.57
<b>2.5 LA</b>	30	27	2.1	0.55	0.64
	40	30	2.5	0.53	0.62
	50	33	2.8	0.49	0.57
<b>3.5 LA</b>	30	29	2.8	0.64	0.74
	40	32	3.1	0.58	0.67
	50	35	3.5	0.55	0.64
<b>4.5 LA</b>	30	29	3.4	0.78	0.90
	40	32	3.9	0.73	0.85
	50	35	4.4	0.69	0.80
60	37	4.7	0.66	0.76	

## PGP Ultra High Flow Standard Nozzle Performance Data (P/N 444800)

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	
				■	▲
<b>10</b>	40	42	8.4	0.92	1.06
	50	43	9.5	0.99	1.14
	60	45	10.5	1.00	1.15
	70	47	11.4	0.99	1.15
<b>13</b>	40	43	10.9	1.13	1.31
	50	44	12.3	1.22	1.41
	60	45	13.6	1.29	1.49
	70	47	14.8	1.29	1.49
<b>6.0 LA</b>	30	31	4.2	0.84	0.97
	40	35	5.0	0.79	0.91
	50	37	5.8	0.82	0.94
<b>8.0 LA</b>	30	39	6.3	0.80	0.92
	40	37	6.7	0.94	1.09
	50	39	7.7	0.97	1.13
60	41	8.5	0.97	1.12	
70	41	9.2	1.05	1.22	

## PGP Ultra 18 Short Radius Nozzle Performance Data (P/N 466100)

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	
				■	▲
<b>.50 SR</b>	30	17	0.36	0.24	0.28
	40	17	0.43	0.29	0.33
	50	18	0.50	0.30	0.34
	60	19	0.57	0.30	0.35
<b>1.0 SR</b>	30	17	0.78	0.52	0.60
	40	17	0.90	0.60	0.69
	50	18	1.0	0.59	0.69
60	19	1.1	0.59	0.68	
<b>2.0 SR</b>	30	17	1.4	0.93	1.08
	40	17	1.7	1.13	1.31
	50	18	2.0	1.19	1.37
60	19	2.2	1.17	1.35	

## PGP Ultra 25 Short Radius Nozzle Performance Data (P/N 466100)

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	
				■	▲
<b>.75 SR</b>	30	23	0.58	0.21	0.24
	40	24	0.68	0.23	0.26
	50	25	0.75	0.23	0.27
	60	26	0.83	0.24	0.27
<b>1.5 SR</b>	30	23	1.1	0.40	0.46
	40	24	1.3	0.43	0.50
	50	25	1.5	0.46	0.53
60	26	1.6	0.46	0.53	
<b>3.0 SR</b>	30	23	2.5	0.91	1.05
	40	24	2.7	0.90	1.04
	50	25	3.0	0.92	1.07
	60	26	3.1	0.88	1.02

Note: All precipitation rates calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2. Optimum nozzle performance shown in bold.

MODELS	STANDARD FEATURES	FEATURE OPTIONS	NOZZLE OPTIONS
PGP-00 = Shrub	Adjustable arc, plastic riser, 8 standard nozzles, and 4 low-angle nozzles	CV, CV-R	1.5 to 4.0 = Factory installed nozzle number
PGP-04 = 4" pop-up			
PGP-12 = 12" pop-up			
		CV = Drain check valve CV-R = Drain check valve and reclaimed water ID	

### EXAMPLES

<b>PGP-04</b>	4" pop-up, adjustable arc
<b>PGP-04 - 2.5</b>	4" pop-up, adjustable arc, and 2.5 nozzle
<b>PGP-12 - CV-R - 4.0</b>	12" pop-up, adjustable arc, with drain check valve, reclaimed water ID, and 4.0 nozzle