

# Hunter®

## PGP-ATR Rotary Sprinklers



PGP-ATR

*Easily Upgrade  
Impact  
Sprinklers to  
Modern  
Gear Drive  
Technology*

Looking for an easy maintenance, high performance alternative to the grit, contamination and tampering problems so common to impact sprinklers? Hunter introduces the easy way to upgrade your existing impact heads to modern gear drive technology — the patented Hunter Advanced Technology Impact Replacement (ATR). Now you can say goodbye to your inferior method of irrigation and say hello to the superior quality of the PGP™.

The Hunter sprinkler that has become the industry standard and world's best selling rotor, PGP has been adapted into this innovative new model, created specifically to be compatible with common impact canisters that house plastic impact sprinklers. Thus, with no digging or lawn disruption, in a matter of minutes, you can repair an existing head or upgrade an entire outdated system to gear drive rotors.

### FEATURES & BENEFITS



#### *THE BEST OF BOTH WORLDS*

##### *PGP: The Proven Performance of the World's #1 Selling Rotor*

- Integral rubber cover won't fall off, keeps dirt out
- 40°-360° adjustable arc version
- Continuously improved, proven long-life gear drive
- Large dirty water screen puts an end to nozzle clogs

##### *ATR: The Hunter Gear Drive Specially Designed to Upgrade Impacts*

- Whisper-quiet gear drive eliminates impact clatter
- Closed-case sealed drive mechanism safe from debris
- Factory-installed nozzle matches common impacts
- Slow, even rotation for better pattern control, less overspray
- No digging, no pipe fittings required to change sprinklers
- Compatible with many common impact canisters



# PGP-ATR is Easy to Install!



1. Remove internal assembly of existing sprinkler.



2. Thread entire ATR body/riser into canister.



3. Set watering pattern to desired arc.

### PGP Standard Nozzles (Red)

Nozzle	PSI	Radius	GPM
1	30	28'	.5
	40	29'	.6
	<b>50</b>	<b>29'</b>	<b>.7</b>
	60	30'	.8
2	30	29'	.7
	40	30'	.8
	<b>50</b>	<b>30'</b>	<b>.9</b>
	60	31'	1.0
3	30	30'	.9
	40	31'	1.0
	<b>50</b>	<b>31'</b>	<b>1.2</b>
	60	32'	1.3
4	30	32'	1.2
	40	33'	1.4
	<b>50</b>	<b>34'</b>	<b>1.6</b>
	60	34'	1.8
5	30	34'	1.6
	40	36'	1.8
	<b>50</b>	<b>38'</b>	<b>2.0</b>
	60	38'	2.2
6	30	36'	2.0
	40	38'	2.4
	<b>50</b>	<b>40'</b>	<b>2.7</b>
	60	40'	2.9
7	30	36'	2.6
	40	40'	3.0
	<b>50</b>	<b>42'</b>	<b>3.4</b>
	60	42'	3.7
8	30	37'	3.2
	40	40'	3.7
	<b>50</b>	<b>43'</b>	<b>4.2</b>
	60	44'	4.6
9	30	38'	4.2
	40	43'	4.9
	<b>50</b>	<b>46'</b>	<b>5.5</b>
	60	47'	6.0
10	40	45'	6.0
	50	48'	6.8
	<b>60</b>	<b>49'</b>	<b>7.6</b>
	70	51'	8.2
11	40	46'	8.0
	50	48'	8.9
	<b>60</b>	<b>50'</b>	<b>9.8</b>
	70	51'	10.5
12	40	46'	11.4
	50	48'	12.2
	<b>60</b>	<b>50'</b>	<b>13.2</b>
	70	52'	14.4

### PGP Low Angle Nozzles (Gray)

Nozzle	PSI	Radius	GPM
4	30	22'	1.4
	40	24'	1.7
	<b>50</b>	<b>26'</b>	<b>1.8</b>
	60	28'	2.0
5	30	25'	1.6
	40	27'	1.9
	<b>50</b>	<b>28'</b>	<b>2.1</b>
	60	30'	2.3
6	30	27'	2.1
	40	30'	2.5
	<b>50</b>	<b>33'</b>	<b>2.8</b>
	60	35'	3.0
7	30	29'	2.8
	40	32'	3.1
	<b>50</b>	<b>35'</b>	<b>3.5</b>
	60	37'	3.8
8	30	31'	3.4
	40	34'	3.9
	<b>50</b>	<b>37'</b>	<b>4.4</b>
	60	38'	4.7
9	30	33'	4.3
	40	37'	5.0
	<b>50</b>	<b>40'</b>	<b>5.6</b>
	60	42'	6.1
10	40	38'	6.5
	50	40'	7.3
	<b>60</b>	<b>42'</b>	<b>8.0</b>
	70	44'	8.6
P	Blank nozzle plug for turning off selected sprinklers during repairs, maintenance, etc.		

Data represent test results in zero wind. Adjust for local conditions. Radius may be reduced up to 30% with nozzle retaining screw. (This may alter the uniformity of the spray pattern.) Performance data are derived from tests that conform to ASAE Standard S398.1. See Hunter Irrigation products catalog for complete ASAE Certification Statement.

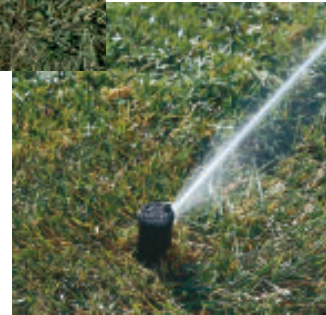
### Replacement Guide

To Replace	Use Hunter Nozzle	
Mini-Paw® 15103	07 (Black)	6
	09 (Green)	7
Maxi-Paw™ 2045	06 (Red)	5
	07 (Black)	6
	08 (Blue)	8
	10 (Yellow)	9
	12 (Beige)	10

Mini-Paw® is a registered trademark of Rain Bird Sprinkler Mfg. Corp.



Install Cap portion of ATR, or to make it invisible, fill cup with sod.



### Models

PGP-ATR — 2 1/4" pop-up

### Operating Specifications

- Discharge rate: .5 to 14.4 gpm
- Radius: 22' to 52'
- Pressure range: 30 to 70 psi
- Matched precipitation: .4" per hour at 50 psi for spacings from 25' to 45'
- Nozzle trajectory: standard — 25° low angle — 13°
- Exposed diameter: 1 3/4"

### Available from:



### PRODUCT EXPLANATION

EXAMPLE: **PGP - ATR**

#### MODEL

PGP = 2 1/4" Pop-up

#### FEATURES

ATR = Adjustable with no check valve and #7 nozzle Factory-installed