

# 430R POP-UP ROTOR



430R Rotor



Familiar top arc adjustment

## 1/2" GEAR-DRIVEN ROTOR

**NO HASSLES  
ABOVE  
GROUND  
OR BELOW IT.**

### KEY FEATURES & BENEFITS

**FAMILIAR TOP ADJUSTMENT, WET OR DRY**  
For fast convenient installation

**REVERSING FULL- AND PART-CIRCLE OPERATION**  
Allows you to adjust the rotor from 40° to 360°

**PRESSURE-ACTIVATED WIPER SEAL**  
Reduces flow-by at pop-up and eliminates leaking. Ideal for low flow applications

**WIDE SELECTION OF NOZZLES**  
5 interchangeable nozzles to cover varying flow requirements

**POSITIVE LEFT AND RIGHT STOPS (FIXED RIGHT STOP)**  
Reduces set-up time by allowing you to quick check the arc

**STAINLESS STEEL ADJUSTMENT SCREW**  
Allows up to 25% radius reduction

**RATCHETING RISER**  
For easy arc adjustment

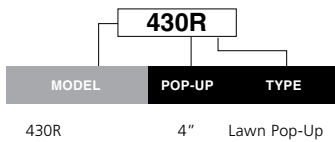
**1/2" INLET**  
Covers smaller radius requirements

Sure to become a contractor favorite, the 430R rotor from Irritrol offers everything you would expect from a 1/2" rotor. When your application calls for more than ordinary sprayheads, but not enough for large rotors, we offer the 430R—the newest member of the Irritrol family. With a familiar arc setting and the ability to quick check the left and right stops, the 430R is sure to save time on installation. Irritrol. [Get more done.](#)

## OPERATING SPECIFICATIONS

- Inlet: 1/2" female-threaded NPT
- Adjustable arc range: 40° to 360°
- Flow range: .8 – 3.4 GPM
- Recommended operating pressure: 30 – 50 PSI
- Maximum operating pressure: 60 PSI
- Overall height (retracted): 6"
- Radius: 20' to 35'
- Standard nozzle trajectory: 25°
- 5 interchangeable nozzles
- Riser height: 4"
- Two-year warranty

## SPECIFYING INFORMATION



430R      4"      Lawn Pop-Up



430R Rotor

## PERFORMANCE DATA

### 430R Rotor

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
0.75	30	20	0.80	0.39	0.44
	40	21	0.90	0.39	0.45
	50	22	1.00	0.40	0.46
1.0	30	26	1.00	0.28	0.33
	40	27	1.10	0.29	0.34
	50	28	1.30	0.32	0.37
1.5	30	29	1.30	0.30	0.34
	40	30	1.50	0.32	0.37
	50	31	1.70	0.34	0.39
2.0	30	30	1.70	0.36	0.42
	40	31	2.00	0.40	0.46
	50	31	2.30	0.46	0.53
3.0	30	34	2.60	0.43	0.50
	40	35	3.00	0.47	0.54
	50	35	3.40	0.53	0.65

1. Precipitation rates based on half-circle operation
2. ■ square spacing based on 50% diameter of throw
3. ▲ triangular spacing based on 50% diameter of throw

*Note: Data collected in zero wind conditions*