430R POP-UP ROTOR

1/2" GEAR-DRIVEN ROTOR

430R Rotor

Familiar top arc adjustment

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

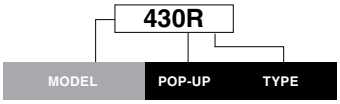
½" INLET
Covers smaller radius requirements

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

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 Form No 08-TL1505