

MODELS

RPS50	RPS 50 Rotor
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OTHER OPTIONS: ADD TO PART NUMBER

-CV	Check Valve
-NN	No Nozzle
-RCW	Reclaimed Water Use

RPS50™

The RPS 50 gear drive is designed for smaller areas and is available with a wide selection of nozzles that bring flexibility to system design.

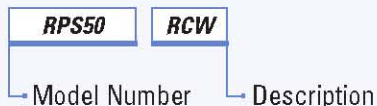


FEATURES/BENEFITS

- Right position start – rotor rotates counterclockwise from fixed right start position.
- Time proven patented reversing mechanism – Assures continuous reverse and return... over a 20 year history.
- Ratcheting riser – allows for easy adjustment of your right starting position with a simple turn of the riser.
- Rubber cover – seals out dirt and increases product durability.
- Wide selection of nozzles – provides flexibility in system design.
- Optional check valve – prevents low head drainage.
- Five year limited warranty



HOW TO SPECIFY



EASY ARC SETTING



- Arc Selection 40° to 360°
Adjust From Right Start

RPS50 ■ PERFORMANCE DATA

PERFORMANCE			
NOZZLE	PRESSURE PSI	RADIUS FT.	FLOW GPM
#0.75	30	17'	.75
	40	17'	.8
	50	18'	.9
#1	30	20'	.9
	40	21'	1.2
	50	21'	1.3
#1.5 PRE-INSTALLED	30	23'	1.4
	40	24'	1.7
	50	24'	1.9
#2	30	25'	1.8
	40	27'	2.1
	50	27'	2.4
#3	30	28'	2.7
	40	30'	3.0
	50	30'	3.3

METRIC					
NOZZLE	PRESSURE		RADIUS METERS	FLOW RATE	
	KPa	BARS		L/M	M ³ /H
#0.75	207	2.1	5.1	2.84	.2
	276	2.8	5.1	3.03	.2
	345	3.4	5.4	3.41	.2
#1	207	2.1	6.0	3.41	.2
	276	2.8	6.3	4.54	.3
	345	3.4	6.3	4.92	.3
#1.5 PRE-INSTALLED	207	2.1	6.9	5.30	.4
	276	2.8	7.2	6.44	.4
	345	3.4	7.2	7.20	.5
#2	207	2.1	7.5	6.82	.5
	276	2.8	8.1	7.95	.5
	345	3.4	8.1	9.09	.6
#3	207	2.1	8.4	10.2	.7
	276	2.8	9.0	11.4	.8
	344	3.4	9.0	12.5	.8

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.

SPECIFICATIONS
<ul style="list-style-type: none"> ■ Inlet: 1/2 " Threaded NPT ■ Arc adjustment range: 40 to 360 ■ Flow range: .75 – 3.3 GPM ■ Pressure Rating: 20-70 psi ■ Precipitation Rate: .22 to .41 inches per hour (depending on space and nozzle used) ■ Overall height (popped down): 6" ■ Recommended spacing: 17' to 28' ■ Radius: 17' to 30' ■ Nozzle trajectory: 26° ■ Riser height: 4"

K-RAIN RPS50™



The RPS50 is a gear-driven, rotary type sprinkler, capable of covering an area of 17' to 30' (5.2 to 9.1 M) radius at nozzle pressure of 30 to 50 PSI (2.1 to 3.4 bar) with a discharge rate of .75 to 3.3 GPM (2.84 to 12.5 LPM). The RPS50 is supplied with five (5) numerically coded interchangeable nozzles. Sprinkler nozzle trajectory is 26°. The sprinkler has a stainless steel radius adjustment screw and has arc adjustment from 40° to 360°.