

RPS[®] 75



The RPS 75[®] is designed for residential and light commercial applications.

- **Top adjustment** – no training necessary.
- **Full and part circle rotation** – provides a full range of adjustment from 40° to 360°.
- **Non-flushing wiper seal** – reduces leaks caused by debris trapped under seal.
- **3/4" Inlet** – replaces all standard rotors.
- **Ideal for low flow applications.**
- **Rubber cover** – Seals out dirt and increases product durability.
- **Wide selection of nozzles** – Including standard and low angle, provides flexibility in system design.
- **Direct replacement for Hunter[®] PGP[®].**



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RPS 75®

K-Rain's RPS® 75 gear drive is designed for residential and light commercial applications. The reliable, durable design is the foundation of K-Rain's RPS Rotor line. This workhorse is built to perform trouble-free for years and has unequalled value in the market. Our patented reversing mechanism, on which all rotors are based upon today, assures continuous reverse and return. With K-Rain's wide selection of standard and low angle nozzles, the RPS 75™ provides even water distribution.

Easy Arc Setting

Arc Selection 40° to 360°
Adjust From Right Start



Models

RPS75 RPS Rotor

Other options add to part number:

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

Specifications

- Inlet: 3/4" Threaded NPT
- Arc Adjustment Range: 40° – 360°
- Flow Range: .75 – 8.3 GPM
- Pressure Rating: 30 – 70 PSI
- Precipitation Rate: .16 – .99 in. per hr.
- Overall Height (Popped Down): 7 3/8"
- Recommended Spacing: 25' – 45'
- Radius: 22' – 51'
- Nozzle Trajectory: 25°
- Low Angle Nozzle Trajectory: 11°
- 8 Standard & 4 Low Angle Nozzles Included
- Riser Height: 4"

How to Specify:

Model	Description
RPS 75	-RCW

Performance Data

NOZZLES	PRESSURE PSI	RADIUS FT.	FLOW GPM	PRECIP IN/HR ■	PRECIP IN/HR ▲
#0.75	30	29'	0.7	0.16	0.19
	40	30'	0.8	0.17	0.20
	50	30'	0.9	0.19	0.22
	60	31'	1.0	0.20	0.23
#1	30	30'	0.9	0.19	0.22
	40	31'	1.0	0.20	0.23
	50	31'	1.2	0.24	0.28
	60	32'	1.3	0.24	0.28
#1.5	30	32'	1.2	0.23	0.26
	40	33'	1.4	0.25	0.29
	50	34'	1.6	0.27	0.31
	60	34'	1.8	0.30	0.35
#2	30	34'	1.6	0.27	0.31
	40	36'	1.8	0.27	0.31
	50	38'	2.0	0.27	0.31
	60	38'	2.2	0.29	0.34
#3 Pre-Installed	30	36'	2.0	0.30	0.34
	40	38'	2.4	0.32	0.37
	50	40'	2.7	0.32	0.38
	60	40'	2.9	0.35	0.40
#4	30	36'	2.6	0.39	0.45
	40	40'	3.0	0.36	0.42
	50	42'	3.4	0.37	0.43
	60	42'	3.7	0.40	0.47
#6	40	38'	4.2	0.56	0.65
	50	43'	4.9	0.51	0.59
	60	46'	5.5	0.50	0.58
	70	47'	6.0	0.52	0.60
#8	40	45'	6.0	0.57	0.66
	50	48'	6.8	0.57	0.66
	60	49'	7.6	0.61	0.70
	70	51'	8.2	0.61	0.70

LOW ANGLE

#1	30	22'	1.2	0.48	0.55
	40	24'	1.7	0.57	0.66
	50	26'	1.8	0.51	0.59
	60	28'	2.0	0.49	0.57
#3	30	29'	3.0	0.69	0.79
	40	32'	3.1	0.58	0.67
	50	35'	3.5	0.55	0.64
	60	37'	3.8	0.53	0.62
#4	30	31'	3.4	0.68	0.79
	40	34'	3.9	0.65	0.75
	50	37'	4.4	0.62	0.71
	60	38'	4.7	0.63	0.72
#6	40	38'	6.5	0.87	1.00
	50	40'	7.3	0.88	1.01
	60	42'	8.0	0.87	1.01
	70	44'	8.6	0.86	0.99

Metric

NOZZLES	PRESSURE KPA	PRESSURE BARS	RADIUS METERS	FLOW L/M	FLOW M3/H	PRECIP MM/HR ■	PRECIP MM/HR ▲
#0.75	206	2.1	8.8	2.6	0.16	6.46	7.46
	275	2.8	9.1	3.0	0.18	6.97	8.05
	344	3.4	9.1	3.4	0.20	7.90	9.13
	413	4.1	9.4	3.8	0.23	8.28	9.56
#1	206	2.1	9.1	3.4	0.20	7.90	9.13
	275	2.8	9.4	3.8	0.23	8.28	9.56
	344	3.4	9.4	4.5	0.27	9.80	11.32
	413	4.1	9.8	4.9	0.30	9.82	11.34
#1.5	206	2.1	9.8	4.5	0.27	9.02	10.42
	275	2.8	10.1	5.3	0.32	10.00	11.55
	344	3.4	10.4	6.1	0.36	10.86	12.54
	413	4.1	10.4	6.8	0.41	12.10	13.98
#2	206	2.1	10.4	6.1	0.36	10.86	12.54
	275	2.8	11.0	6.8	0.41	10.82	12.49
	344	3.4	11.6	7.6	0.45	10.87	12.55
	413	4.1	11.6	8.3	0.50	11.87	13.71
#3 Pre-Installed	206	2.1	11.0	7.6	0.45	12.09	13.96
	275	2.8	11.6	9.1	0.55	13.02	15.03
	344	3.4	12.2	10.2	0.61	13.19	15.23
	413	4.1	12.2	11.0	0.66	14.23	16.43
#4	206	2.1	11.0	9.8	0.59	15.59	18.00
	275	2.8	12.2	11.4	0.68	14.74	17.03
	344	3.4	12.8	12.9	0.77	15.16	17.50
	413	4.1	12.8	14.0	0.84	16.45	18.99
#6	275	2.8	11.6	15.9	0.91	22.75	26.27
	344	3.4	13.1	18.5	1.11	20.75	23.96
	413	4.1	14.0	20.8	1.25	20.43	23.59
	482	4.8	14.3	22.7	1.36	21.37	24.68
#8	275	2.8	13.7	22.7	1.36	23.28	26.88
	344	3.4	14.6	25.7	1.54	23.21	26.80
	413	4.1	14.9	28.8	1.73	24.97	28.84
	482	4.8	15.5	31.0	1.86	24.84	28.86

LOW ANGLE

#1	206	2.0	6.7	4.5	0.34	19.30	22.28
	275	3.0	7.3	6.4	0.39	23.12	26.70
	344	3.5	7.9	6.8	0.41	20.97	24.22
	413	4.0	8.5	7.6	0.46	20.25	23.38
#3	206	2.0	8.8	11.4	0.68	28.34	32.72
	275	2.0	9.8	11.7	0.71	23.45	27.08
	344	3.5	10.7	13.2	0.80	22.19	25.63
	413	4.0	11.3	14.4	0.87	21.71	25.07
#4	206	2.0	9.4	12.9	0.78	28.10	32.45
	275	2.0	10.4	14.8	0.89	26.34	30.42
	344	3.5	11.3	16.7	1.00	25.18	29.07
	413	4.0	11.6	17.8	1.07	25.46	29.40
#6	275	2.8	11.6	24.6	1.68	35.19	40.64
	344	3.4	12.2	27.6	1.66	35.70	41.22
	413	4.1	12.8	30.3	1.82	35.60	41.11
	482	4.8	13.4	32.6	1.96	34.95	40.36

*All precipitation rates calculated for 180° operation.
For the precipitation rate for a 360° sprinkler, divide by 2.

