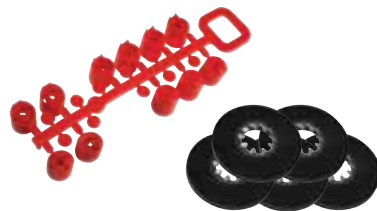




The RPS™ 75 Series of rotors are designed to fulfill a multitude of residential and commercial applications.

Features

- **3/4" (1,9 cm) Inlet** – Replaces all standard rotors.
- **Right Position Start** – Rotor rotates counterclockwise from fixed right start position.
- **Top Adjustment** – Adjusts from right start.
- **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.
- **Ideal for Low Flow Applications.**
- **Rubber Cover** – Seals out dirt and increases durability.
- **Wide Selection of Nozzles** – Including standard and low angle, provides flexibility in system design.
- **Universal Riser Assembly** – Fits into existing Hunter® PGP® and PGP® Ultra cans
- **Pressure Regulated** – 45 PSI available (6" only)
- **Includes 5 Free Check Valve Assemblies Per Box**



RPS™ 75 Rotor Series

The reliable and durable design of the RPS™ 75 has unequalled value in the market today.

The Continuous 360° is the perfect fit for a central location in an RPS™ 75 based irrigation system.

The RPS™ 75-6INCH rotor solves the problem of deep thatch.

Specifications

- Inlet: 3/4" (1,9 cm) female thread NPT
- Arc Adjustment Range: 40° – 360°
- Flow Range: 0.7 – 8.3 GPM (2,6 – 31 LPM)
- Pressure Rating: 20 – 70 PSI (1,4 – 4,8 bar)
- Precipitation Rate: .16 – 1.0 in/hr (4 – 25,4 mm/hr)
(Depending on spacing and nozzle used)
- Retracted Height: 4 in: 7 3/8", 6 in: 9 1/2"
- Riser Height: 4 in: 4 3/8", 6 in: 6 3/8"
- Shrub Height: 7 1/2"
- Recommended Spacing: 25' – 45' (7,6 – 13,7 m)
- Radius: 22' – 51' (6,7 – 15,5 m)
- Nozzle Trajectory: 26°
- Low Angle Nozzle Trajectory: 11°
- 8 Standard and 4 Low Angle Nozzles Included

Models

RPS75	RPS™ 75 Rotor
RPS75-360°	RPS™ 75 Rotor, 360°
RPS75-SH	RPS™ 75 Rotor, Shrub
RPS75-360°-SH	RPS™ 75 Rotor, 360°, Shrub
RPS75-6INCH	6" (15,2 cm) RPS™ 75 Rotor

How to Specify with Options

MODEL	OPTION
RPS75	-SS Stainless Steel
RPS75-360°	-CV Check valve
RPS75-SH	-NN No nozzle
RPS75-360°-SH	-RCW Reclaimed water use
RPS75-6INCH	-PR Pressure Regulation (6" only)

Examples: RPS75-SS, RPS75-360°-RCW-CV

Customization

Easily customize any of the RPS™ 75 rotors to promote your business.

Visit www.krain.com/custom-rotor-program for all of the details.



PERFORMANCE DATA

Performance Data

NOZZLE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP IN/HR	
				■	▲
#.75	30	29	0.7	.16	.19
	40	30	0.8	.17	.20
	50	30	0.9	.19	.22
	60	31	1.0	.20	.23
#1.0	30	30	0.9	.19	.22
	40	31	1.0	.20	.23
	50	31	1.2	.24	.28
	60	32	1.3	.24	.28
#1.5	30	32	1.2	.23	.26
	40	33	1.4	.25	.29
	50	34	1.6	.27	.31
	60	34	1.8	.30	.35
#2.0	30	34	1.6	.27	.31
	40	36	1.8	.27	.31
	50	38	2.0	.27	.31
	60	38	2.2	.29	.34
#3.0 Pre- Installed	30	36	2.0	.30	.34
	40	38	2.4	.32	.37
	50	40	2.7	.32	.38
	60	40	2.9	.35	.40
#4.0	30	36	2.6	.39	.45
	40	40	3.0	.36	.42
	50	42	3.4	.37	.43
	60	42	3.7	.40	.47
#6.0	40	38	4.2	.56	.65
	50	43	4.9	.51	.59
	60	46	5.5	.50	.58
	70	47	6.0	.52	.60
#8.0	40	45	6.0	.57	.66
	50	48	6.8	.57	.66
	60	49	7.6	.61	.70
	70	51	8.2	.61	.70

Performance Data, Metric

NOZZLE	PRESSURE BAR	RADIUS Meter	FLOW L/M	PRECIP IN/HR	
				■	▲
#.75	2,1	8,8	2,6	4	5
	2,8	9,1	3,0	4	5
	3,4	9,1	3,4	5	6
	4,1	9,4	3,8	5	6
#1.0	2,1	9,1	3,4	5	6
	2,8	9,4	3,8	5	6
	3,4	9,4	4,5	6	7
	4,1	9,8	4,9	6	7
#1.5	2,1	9,8	4,5	5	7
	2,8	10,1	5,3	6	7
	3,4	10,4	6,1	7	8
	4,1	10,4	6,8	8	9
#2.0	2,1	10,4	6,1	7	8
	2,8	11,0	6,8	7	8
	3,4	11,6	7,6	7	8
	4,1	11,6	8,3	7	9
#3.0 Pre- Installed	2,1	11,0	7,6	8	9
	2,8	11,6	9,1	8	9
	3,4	12,2	10,2	8	10
	4,1	12,2	11,0	9	10
#4.0	2,1	11,0	9,8	10	11
	2,8	12,2	11,4	9	11
	3,4	12,8	12,9	9	11
	4,1	12,8	14,0	10	12
#6.0	2,8	11,6	15,9	14	17
	3,4	13,1	18,5	13	15
	4,1	14,0	20,8	13	15
	4,8	14,3	22,7	13	15
#8.0	2,8	13,7	22,7	14	17
	3,4	14,6	25,7	14	17
	4,1	14,9	28,8	15	18
	4,8	15,5	31,0	15	18

Low Angle Performance Data

NOZZLE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP IN/HR	
				■	▲
#1.0	30	22	1.2	.48	.55
	40	24	1.7	.57	.66
	50	26	1.8	.51	.59
	60	28	2.0	.49	.57
#3.0	30	29	3.0	.69	.79
	40	32	3.1	.58	.67
	50	35	3.5	.55	.64
	60	37	3.8	.53	.62
#4.0	30	31	3.4	.68	.79
	40	34	3.9	.65	.75
	50	37	4.4	.62	.71
	60	38	4.7	.63	.72
#6.0	40	38	6.5	.87	1.00
	50	40	7.3	.88	1.01
	60	42	8.0	.87	1.01
	70	44	8.3	.86	.99

Low Angle Performance Data, Metric

NOZZLE	PRESSURE BAR	RADIUS Meter	FLOW L/M	PRECIP IN/HR	
				■	▲
#1.0	2,1	6,7	4,5	12	14
	2,8	7,3	6,4	14	17
	3,4	7,9	6,8	13	15
	4,1	8,5	7,6	12	14
#3.0	2,1	8,8	11,4	18	20
	2,8	9,8	11,7	15	17
	3,4	10,7	13,2	14	16
	4,1	11,3	14,4	13	16
#4.0	2,1	9,4	12,9	17	20
	2,8	10,4	14,8	17	19
	3,4	11,3	16,7	16	18
	4,1	11,6	17,8	16	18
#6.0	2,8	11,6	24,6	22	25
	3,4	12,2	27,6	22	26
	4,1	12,8	30,3	22	26
	4,8	13,4	32,6	22	25

Watch the video. Scan this code with your smartphone camera.



- Pressure Regulated - PERFORMANCE DATA

PR Performance Data

NOZZLE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP IN/HR	
				■	▲
#.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	30	0.9	0.19	0.22
#1.0	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	31	1.2	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	1.6	0.27	0.31
#2.0	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	2.0	0.27	0.31
#3.0 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	2.7	0.32	0.38
#4.0	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	3.4	0.37	0.43
#6.0	40	38	4.2	0.56	0.65
	50	43	4.9	0.51	0.59
	60	43	4.9	0.51	0.59
	70	43	4.9	0.51	0.59
#8.0	40	45	6.0	0.57	0.66
	50	48	6.8	0.57	0.66
	60	48	6.8	0.57	0.66
	70	48	6.8	0.57	0.66

PR Performance Data, Metric

NOZZLE	PRESSURE BAR	RADIUS Meter	FLOW L/M	PRECIP IN/HR	
				■	▲
#.75	2.1	8.8	2.7	4	5
	2.8	9.2	3.0	4	5
	3.5	9.2	3.4	5	6
	4.1	9.2	3.4	5	6
#1.0	2.1	9.2	3.4	5	6
	2.8	9.5	3.8	5	6
	3.5	9.5	4.5	6	7
	4.1	9.5	4.5	6	7
#1.5	2.1	9.8	4.5	6	7
	2.8	10.1	5.3	6	7
	3.5	10.4	6.1	7	8
	4.1	10.4	6.1	7	8
#2.0	2.1	10.4	6.1	7	8
	2.8	11.0	6.8	7	8
	3.5	11.6	7.6	7	8
	4.1	11.6	7.6	7	8
#3.0 Pre- Installed	2.1	11.0	7.6	8	9
	2.8	11.6	9.1	8	9
	3.5	12.2	10.2	8	10
	4.1	12.2	10.2	8	10
#4.0	2.1	11.0	9.9	10	11
	2.8	12.2	11.4	9	11
	3.5	12.8	12.9	9	11
	4.1	12.8	12.9	9	11
#6.0	2.8	11.6	15.9	14	17
	3.5	13.1	18.6	13	15
	4.1	13.1	18.6	13	15
	4.8	13.1	18.6	13	15
#8.0	2.8	13.7	22.7	14	17
	3.5	14.6	25.8	14	17
	4.1	14.6	25.8	14	17
	4.8	14.6	25.8	14	17

PR Low Angle Performance Data

NOZZLE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP IN/HR	
				■	▲
#1.0	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	26	1.8	0.51	0.59
#3.0	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	35	3.5	0.55	0.64
#4.0	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	37	4.4	0.62	0.71
#6.0	40	38	6.5	0.87	1.00
	50	40	7.3	0.88	1.01
	60	40	7.3	0.88	1.01
	70	40	7.3	0.88	1.01

PR Low Angle Performance Data , Metric

NOZZLE	PRESSURE BAR	RADIUS Meter	FLOW L/M	PRECIP IN/HR	
				■	▲
#1.0	2.1	6.7	4.5	12	14
	2.8	7.3	6.4	14	17
	3.5	7.9	6.8	13	15
	4.1	7.9	6.8	13	15
#3.0	2.1	8.8	11.4	18	20
	2.8	9.8	11.7	15	17
	3.5	10.7	13.3	14	16
	4.1	10.7	13.3	14	16
#4.0	2.1	9.5	12.9	17	20
	2.8	10.4	14.8	17	19
	3.5	11.3	16.7	16	18
	4.1	11.3	16.7	16	18
#6.0	2.8	11.6	24.6	22	25
	3.5	12.2	27.7	22	26
	4.1	12.2	27.7	22	26
	4.8	12.2	27.7	22	26



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