



RFS 75i

with  Intelligent Flow Technology®



Flow Shut-off with Intelligent Flow Technology®

- Flow control with Patented Intelligent Flow Technology® — Allows distance and water flow to be reduced simultaneously and proportionately — up to 50%. Superior uniformity. Saves water up to 30%.
- Direct replacement for PGP and PGP Ultra — Fits right into the same can.
- Advanced uniformity — Eliminates dry spots and provides better zone performance while saving water.
- Available in 4", 6" and Shrub — Increased productivity on every job. No need to change nozzles.





Intelligent Flow
Technology®

K-Rain Intelligent Flow Technology® allows the reduction of distance while simultaneously and proportionately reducing the flow rate up to 50%. This is accomplished by a simple turn of the Flow Control to either increase or decrease distance and flow. Contractors stay dry. Landscapes are evenly watered. Water is saved. Systems perform better.

This patented technology addresses the important concepts of water conservation, landscape and irrigation system design flexibility and contractor time-management. The combination of advanced engineering and easy-to-use top adjustments makes the RPS 75i the right rotor for every landscape.

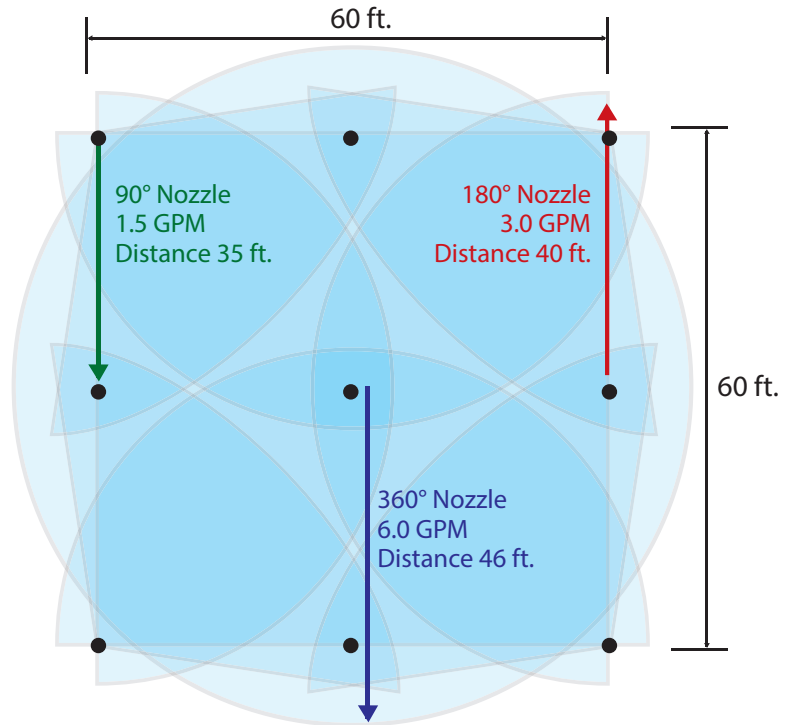
Dry, easy and accurate distance control without the need to change nozzles or employ a break-up screw! In addition, experience water savings of up to 30% or more!



Flow Rate Reduces Simultaneously and Proportionately with Distance Reduction

Before Intelligent Flow Technology®

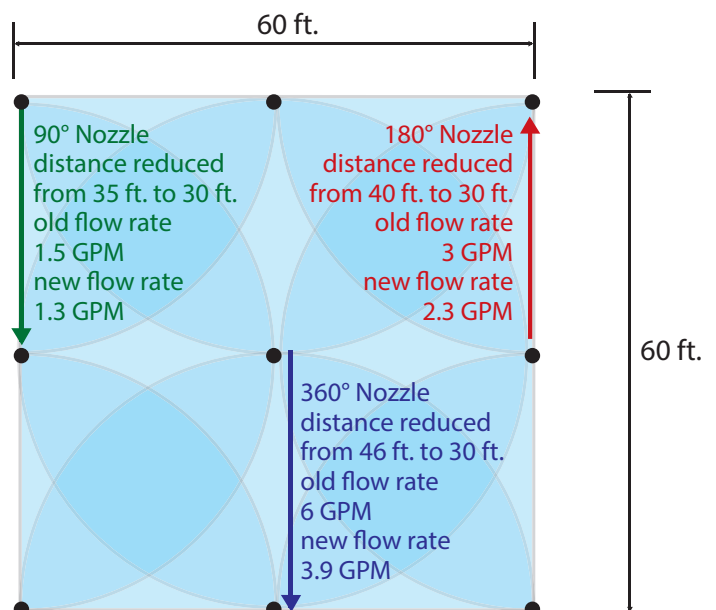
Total flow is 24 GPM, and precipitation rate is .64 in./hr.



After Intelligent Flow Technology®

New total flow is 18.3 GPM, and precipitation rate is .49 in./hr.

24% Less Water Used!





Easy Arc Setting

Arc Selection 40° to 360°
Adjust From Right Start



Specifications

- Inlet: 3/4" (1,9 cm) Threaded NPT
- Arc Adjustment Range: 40° – 360°
- Flow Range: .4 – 9.7 GPM
- Pressure Rating: 20 – 70 PSI
- Precipitation Rate: .22 – 1.21 in/hr
- Retracted Height: 4 in: 7 3/8", 6 in: 9 1/2"
- Riser Height: 4 in: 4 1/4", 6 in: 6 1/4"
- Recommended Spacing: 17' – 45'
- Radius: 26' – 48'
- Nozzle Trajectory: 26°
- Low Angle Nozzle Trajectory: 11°
- Nozzles Included: 8 Standard, 4 Low Angle

Models

RPS 75i	RPS™ 75i Rotor
RPS75i-360°	RPS™ 75i Rotor, 360°
RPS75i-SH	RPS™ 75i Rotor, Shrub
RPS75i-360°-SH	RPS™ 75i Rotor, Shrub, 360°
RPS75i-6INCH	6" (15,2 cm) RPS™ 75i Rotor

How to
Specify with
Options

MODEL	OPTION
RPS75i	-SS Stainless Steel (4" only)
RPS75i-360°	-CV Check valve
RPS75i-SH	-NN No nozzle
RPS75i-360°-SH	-RCW Reclaimed water use
RPS75i-6inch	-PR Pressure Regulation (6" only)

Examples: RPS75i-NN, RPS75-360°-RCW



Performance Data

NOZZLE	PRESSURE PSI kPa Bar			NO ADJUSTMENT								-30% ADJUSTMENT							
				RADIUS		FLOW		PRECIP in/hr		mm/hr		RADIUS		FLOW		PRECIP in/hr		mm/hr	
				Ft.	M.	GPM	L/M	■	▲	■	▲	Ft.	M.	GPM	L/M	■	▲	■	▲
#1.0	30	207	2,1	31'	9,4	1.1	4,2	.22	.25	6	6	22'	7	0.8	3,0	.31	.36	8	9
	40	276	2,8	32'	9,8	1.4	5,3	.26	.30	7	8	22'	7	1.0	3,8	.38	.43	10	11
	50	345	3,4	33'	10,1	1.6	6,1	.28	.33	7	8	23'	7	1.1	4,1	.40	.47	10	12
	60	414	4,1	34'	10,4	1.8	6,8	.30	.35	8	9	24'	7	1.3	4,9	.43	.49	11	12
#1.5	30	207	2,1	33'	10,1	1.5	5,7	.27	.31	7	8	23'	7	1.1	4,1	.38	.44	10	11
	40	276	2,8	35'	10,7	1.8	6,8	.28	.33	7	8	25'	8	1.3	4,9	.40	.47	10	12
	50	345	3,4	35'	10,7	2.0	7,6	.31	.36	8	9	25'	8	1.4	5,3	.45	.52	11	13
	60	414	4,1	36'	11,0	2.2	8,3	.33	.38	8	10	25'	8	1.5	5,7	.47	.54	12	14
#2.0	30	207	2,1	33'	10,1	1.8	6,8	.32	.37	8	9	23'	7	1.3	4,9	.45	.53	11	13
	40	276	2,8	34'	10,4	2.1	7,9	.35	.40	9	10	24'	7	1.5	5,7	.50	.58	13	15
	50	345	3,4	36'	11,0	2.4	9,1	.36	.41	9	10	25'	8	1.7	6,4	.51	.59	13	15
	60	414	4,1	38'	11,6	2.7	10,2	.36	.42	9	11	27'	8	1.9	7,2	.51	.59	13	15
#2.5 Pre- installed	30	207	2,1	35'	10,7	2.2	8,3	.35	.40	9	10	25'	8	1.5	5,7	.49	.57	12	14
	40	276	2,8	38'	11,6	2.6	9,8	.35	.40	9	10	27'	8	1.8	6,8	.50	.57	13	14
	50	345	3,4	39'	11,9	3.0	11,4	.38	.44	10	11	27'	8	2.1	7,9	.54	.63	14	16
	60	414	4,1	40'	12,2	3.3	12,5	.40	.46	10	12	28'	9	2.3	8,7	.57	.66	14	17
#3.0	30	207	2,1	38'	11,6	2.7	10,2	.36	.42	9	11	27'	8	1.9	7,1	.51	.59	13	15
	40	276	2,8	40'	12,2	3.1	11,7	.37	.43	9	11	28'	9	2.2	8,3	.53	.62	13	16
	50	345	3,4	41'	12,5	3.5	13,3	.40	.46	10	12	29'	9	2.5	9,5	.57	.66	14	17
	60	414	4,1	41'	12,5	3.9	14,8	.45	.52	11	13	29'	9	2.7	10,2	.64	.74	16	19
#4.0	30	207	2,1	38'	11,6	3.5	13,3	.47	.54	12	14	27'	8	2.5	9,5	.67	.77	17	20
	40	276	2,8	40'	12,2	4.0	15,1	.48	.56	12	14	28'	9	2.8	10,6	.69	.79	18	20
	50	345	3,4	43'	13,1	4.4	16,7	.46	.53	12	13	30'	9	3.1	11,7	.65	.76	17	19
	60	414	4,1	43'	13,1	4.9	18,6	.51	.59	13	15	30'	9	3.4	12,9	.73	.84	19	21
#5.0	30	207	2,1	43'	13,1	4.4	16,7	.46	.53	12	13	30'	9	3.1	11,7	.65	.76	17	19
	40	276	2,8	43'	13,1	5.0	18,9	.52	.60	13	15	30'	9	3.5	13,3	.74	.86	19	22
	50	345	3,4	44'	13,4	5.5	20,8	.55	.63	14	16	31'	9	3.9	14,8	.78	.90	20	23
	60	414	4,1	42'	12,8	5.9	22,3	.64	.74	16	19	29'	9	4.1	15,5	.92	1.06	23	27
#6.0	30	207	2,1	40'	12,2	5.0	18,9	.60	.70	15	18	28'	9	3.5	13,3	.86	.99	22	25
	40	276	2,8	43'	13,1	5.9	22,3	.61	.71	15	18	30'	9	4.1	15,5	.88	1.01	22	26
	50	345	3,4	43'	13,1	6.6	25,0	.69	.79	18	20	30'	9	4.6	17,4	.98	1.13	25	29
	60	414	4,1	44'	13,4	7.3	27,6	.73	.84	19	21	31'	9	5.1	19,3	1.04	1.20	26	30
#8.0	30	207	2,1	43'	13,1	6.8	25,7	.71	.82	18	21	30'	9	4.8	18,2	1.01	1.17	26	30
	40	276	2,8	47'	14,3	7.9	29,9	.69	.80	18	20	33'	10	5.5	20,8	.98	1.14	25	29
	50	345	3,4	48'	14,6	8.8	33,3	.74	.85	19	22	34'	10	6.2	23,5	1.05	1.21	27	31
	60	414	4,1	47'	14,3	9.7	36,7	.85	.98	22	25	33'	10	6.8	25,7	1.21	1.40	31	35

Low Angle Performance Data

NOZZLE	PRESSURE PSI kPa Bar			NO ADJUSTMENT								-30% ADJUSTMENT							
				RADIUS		FLOW		PRECIP in/hr		mm/hr		RADIUS		FLOW		PRECIP in/hr		mm/hr	
				Ft.	M.	GPM	L/M	■	▲	■	▲	Ft.	M.	GPM	L/M	■	▲	■	▲
#1.0	30	207	2,1	26'	7,9	0.9	3,4	.25	.29	6	7	18'	5	0.6	2,3	.35	.41	9	10
	40	276	2,8	27'	8,2	1.0	3,8	.26	.31	7	8	19'	6	0.7	2,7	.38	.44	10	11
	50	345	3,4	27'	8,2	1.2	4,5	.32	.37	8	9	19'	6	0.8	3,0	.45	.52	11	13
	60	414	4,1	26'	7,9	1.4	5,3	.40	.46	10	12	18'	5	1.0	3,8	.57	.66	14	17
#1.5	30	207	2,1	28'	8,5	1.3	4,9	.32	.37	8	9	20'	6	0.9	3,4	.46	.53	12	13
	40	276	2,8	29'	8,8	1.5	5,7	.34	.40	9	10	20'	6	1.1	4,2	.49	.57	12	14
	50	345	3,4	30'	9,1	1.7	6,4	.36	.42	9	11	21'	6	1.2	4,5	.52	.60	13	15
	60	414	4,1	31'	9,4	1.9	7,2	.38	.44	10	11	22'	7	1.3	4,9	.54	.63	14	16
#2.0	30	207	2,1	29'	8,8	1.9	7,2	.44	.50	11	13	20'	6	1.3	4,9	.62	.72	16	18
	40	276	2,8	32'	9,8	2.2	8,3	.41	.48	10	12	22'	7	1.5	5,7	.59	.68	15	17
	50	345	3,4	33'	10,1	2.5	9,5	.44	.51	11	13	23'	7	1.8	6,8	.63	.73	16	19
	60	414	4,1	34'	10,4	2.8	10,6	.47	.54	12	14	24'	7	2.0	7,6	.67	.77	17	20
#3.0	30	207	2,1	32'	9,8	2.5	9,5	.47	.54	13	14	22'	7	1.8	6,8	.67	.78	17	20
	40	276	2,8	34'	10,4	3.0	11,4	.50	.58	14	15	24'	7	2.1	7,9	.71	.82	18	21
	50	345	3,4	35'	10,7	3.5	13,3	.55	.64	14	16	25'	8	2.5	9,5	.79	.91	20	23
	60	414	4,1	36'	11,0	4.0	15,1	.59	.69	15	18	25'	8	2.8	10,6	.85	.98	22	25

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



K-Rain Manufacturing Corp.
 1640 Australian Avenue
 Riviera Beach, FL 33404 USA
 561.844.1002
 FAX: 561.842.9493
 1.800.735.7246 | www.krain.com