RPS 75i with Intelligent Flow Technology®

With Intelligent Flow Technology®

- Patented Intelligent Flow Technology® — Allows distance and water flow to be reduced simultaneously and proportionately – up to 50%.
- Shut off flow from the head
- Rugged RPS Family Construction
- Superior Uniformity, Conserves Water, Fewer Zones Required
- Save Time on Every Project — New or retrofit
- Includes 5 Free Check Valve Assemblies Per Box
- Universal Riser Assembly – Fits into existing Hunter® PGP® and PGP® Ultra cans
- Saves water up to 30%.
- Universal replacement fits into PGP and PGP Ultra cans.
- Superior 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.
- Pressure regulated 45 PSI option available (6" only)

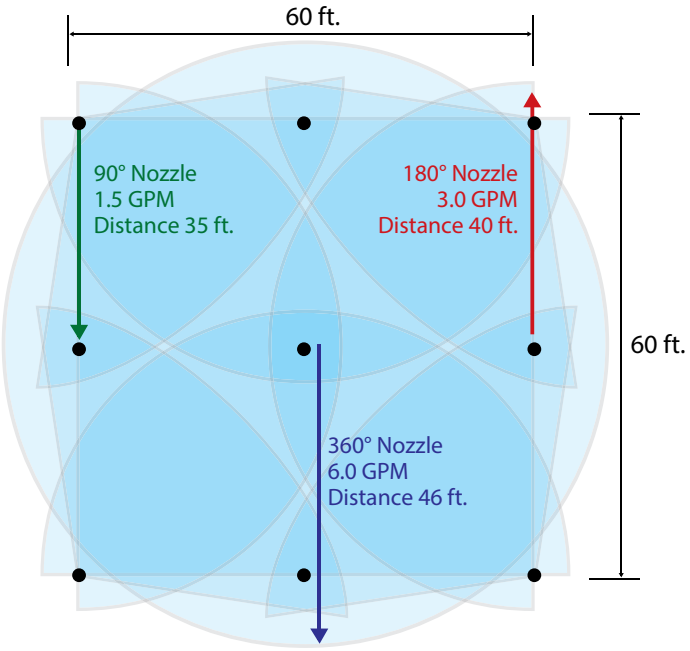
Intelligent Flow Technology®

K-Rain Intelligent Flow Technology® allows the reduction of distance while simultaneously and proportionately reducing the flow rate up to 50%! Just simply turn of the Flow Control to either increase or decrease distance and flow.

✓ Contractors stay dry ✓ Landscapes are evenly watered ✓ Water is saved

BEFORE Intelligent Flow Technology®

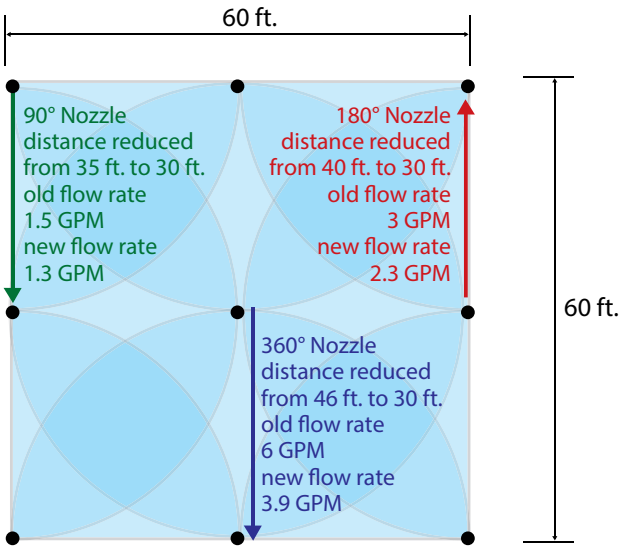
Total flow is 24 GPM and precipitation rate is .64 in/hr



AFTER Intelligent Flow Technology®

Total flow is 18.3 GPM and precipitation rate is .49 in/hr

24% Less Water Used!



Specifications

- Inlet: 3/4" (1,9 cm) female thread NPT
- Arc Adjustment Range: 40° – 360°
- Flow Range: 0.9 – 9.7 GPM (3,4 – 36,7 LPM)
- Pressure Rating: 20 – 70 PSI (1,4 – 4,8 bar)
- Precipitation Rate: .22 – .98 in/hr (6 – 24,9 mm/hr)
- Retracted Height: **4 in**: 7 3/8" (19,7 cm), **6 in**: 9 1/2" (24,1 cm)
- Riser Height: **4 in**: 4 1/4" (10,8 cm), **6 in**: 6 1/4" (15,9 cm)
- Recommended Spacing: 17' – 45' (5,2 – 13,7 m)
- Radius: 26' – 48' (7,9 – 14,6 m)
- Nozzle Trajectory: 26°
- Low Angle Nozzle Trajectory: 11°
- Nozzles Included: 8 Standard, 4 Low Angle

Intelligent Flow Technology®

- Reduces distance and flow rate simultaneously and proportionately up to 50%
- Provides full on/off control

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
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

Performance Data

		NO ADJUSTMENT				-30% ADJUSTMENT			
NOZZLE	PRESSURE	RADIUS	FLOW	PRECIP IN/HR		RADIUS	FLOW	PRECIP IN/HR	
	PSI	Feet	GPM	■	▲	Feet	GPM	■	▲
#1.0	30	31	1.1	.22	.25	22	0.8	.31	.36
	40	32	1.4	.26	.30	22	1.0	.38	.43
	50	33	1.6	.28	.33	23	1.1	.40	.47
	60	34	1.8	.30	.35	24	1.3	.43	.49
#1.5	30	33	1.5	.27	.31	23	1.1	.38	.44
	40	35	1.8	.28	.33	25	1.3	.40	.47
	50	35	2	.31	.36	25	1.4	.45	.52
	60	36	2.2	.33	.38	25	1.5	.47	.54
#2.0	30	33	1.8	.32	.37	23	1.3	.45	.53
	40	34	2.1	.35	.40	24	1.5	.50	.58
	50	36	2.4	.36	.41	25	1.7	.51	.59
	60	38	2.7	.36	.42	27	1.9	.51	.59
#2.5 Pre-Installed	30	35	2.2	.35	.40	25	1.5	.49	.57
	40	38	2.6	.35	.40	27	1.8	.50	.57
	50	39	3	.38	.44	27	2.1	.54	.63
	60	40	3.3	.40	.46	28	2.3	.57	.66
#3.0	30	38	2.7	.36	.42	27	1.9	.51	.59
	40	40	3.1	.37	.43	28	2.2	.53	.62
	50	41	3.5	.40	.46	29	2.5	.57	.66
	60	41	3.9	.45	.52	29	2.7	.64	.74
#4.0	30	38	3.5	.47	.54	27	2.5	.67	.77
	40	40	4	.48	.56	28	2.8	.69	.79
	50	43	4.4	.46	.53	30	3.1	.65	.76
	60	43	4.9	.51	.59	30	3.4	.73	.84
#5.0	30	43	4.4	.46	.53	30	3.1	.65	.76
	40	43	5	.52	.60	30	3.5	.74	.86
	50	44	5.5	.55	.63	31	3.9	.78	.90
	60	42	5.9	.64	.74	29	4.1	.92	1.06
#6.0	30	40	5	.60	.70	28	3.5	.86	.99
	40	43	5.9	.61	.71	30	4.1	.88	1.01
	50	43	6.6	.69	.79	30	4.6	.98	1.13
	60	44	7.3	.73	.84	31	5.1	1.04	1.20
#8.0	30	43	6.8	.71	.82	30	4.8	1.01	1.17
	40	47	7.9	.69	.80	33	5.5	.98	1.14
	50	48	8.8	.74	.85	34	6.2	1.05	1.21
	60	47	9.7	.85	.98	33	6.8	1.21	1.40

Performance Data, Metric

		NO ADJUSTMENT				-30% ADJUSTMENT			
NOZZLE	PRESSURE	RADIUS	FLOW	PRECIP IN/HR		RADIUS	FLOW	PRECIP IN/HR	
	BAR	Meter	L/M	■	▲	Meter	L/M	■	▲
#1.0	2,1	9,4	4,2	6	6	7	3,0	8	9
	2,8	9,8	5,3	7	8	7	3,8	10	11
	3,4	10,1	6,1	7	8	7	4,1	10	12
	4,1	10,4	6,8	8	9	7	4,9	11	12
#1.5	2,1	10,1	5,7	7	8	7	4,1	10	11
	2,8	10,7	6,8	7	8	8	4,9	10	12
	3,4	10,7	7,6	8	9	8	5,3	11	13
	4,1	11,0	8,3	8	10	8	5,7	12	14
#2.0	2,1	10,1	6,8	8	9	7	4,9	11	13
	2,8	10,4	7,9	9	10	7	5,7	13	15
	3,4	11,0	9,1	9	10	8	6,4	13	15
	4,1	11,6		9	11	8	7,2	13	15
#2.5 Pre-installed	2,1	10,7	8,3	9	10	8	5,7	12	14
	2,8	11,6	9,8	9	10	8	6,8	13	14
	3,4	11,9	1,4	10	11	8	7,9	14	16
	4,1	12,2	2,5	10	12	9	8,7	14	17
#3.0	2,1	11,6		9	11	8	7,1	13	15
	2,8	12,2		9	11	9	8,3	13	16
	3,4	12,5		10	12	9	9,5	14	17
	4,1	12,5		11	13	9	10,2	16	19
#4.0	2,1	11,6		12	14	8	9,5	17	20
	2,8	12,2		12	14	9	10,6	18	20
	3,4	13,1		12	13	9	11,7	17	19
	4,1	13,1		13	15	9	12,9	19	21
#5.0	2,1	13,1	6,7	12	13	9	11,7	17	19
	2,8	13,1		13	15	9	13,3	19	22
	3,4	13,4		14	16	9	14,8	20	23
	4,1	12,8		16	19	9	15,5	23	27
#6.0	2,1	12,2		15	18	9	13,3	22	25
	2,8	13,1		15	18	9	15,5	22	26
	3,4	13,1		18	20	9	17,4	25	29
	4,1	13,4		19	21	9	19,3	26	30
#8.0	2,1	13,1		18	21	9	18,2	26	30
	2,8	14,3		18	20	10	20,8	25	29
	3,4	14,6		19	22	10	23,5	27	31
	4,1	14,3		22	25	10	25,7	31	35

Low Angle Performance Data

		NO ADJUSTMENT				-30% ADJUSTMENT			
NOZZLE	PRESSURE	RADIUS	FLOW	PRECIP IN/		RADIUS	FLOW	PRECIP IN/HR	
	PSI	Feet	GPM	■	▲	Feet	GPM	■	▲
#1.0	30	26	0.9	.25	.29	18	0.6	0.35	0.41
	40	27	1.0	.26	.31	19	0.7	0.38	0.44
	50	27	1.2	.32	.37	19	0.8	0.45	0.52
	60	26	1.4	.40	.46	18	1.0	0.57	0.66
#1.5	30	28	1.3	.32	.37	20	0.9	0.46	0.53
	40	29	1.5	.34	.40	20	1.1	0.49	0.57
	50	30	1.7	.36	.42	21	1.2	0.52	0.60
	60	31	1.9	.38	.44	22	1.3	0.54	0.63
#2.0	30	29	1.9	.44	.50	20	1.3	0.62	0.72
	40	32	2.2	.41	.48	22	1.5	0.59	0.68
	50	33	2.5	.44	.51	23	1.8	0.63	0.73
	60	34	2.8	.47	.54	24	2.0	0.67	0.77
#3.0	30	32	2.5	.47	.54	22	1.8	0.67	0.78
	40	34	3.0	.50	.58	24	2.1	0.71	0.82
	50	35	3.5	.55	.64	25	2.5	0.79	0.91
	60	36	4.0	.59	.69	25	2.8	0.85	0.98

Low Angle Performance Data, Metric

		NO ADJUSTMENT				-30% ADJUSTMENT			
NOZZLE	PRESSURE	RADIUS	FLOW	PRECIP IN/HR		RADIUS	FLOW	PRECIP IN/HR	
	BAR	Meter	L/M	■	▲	Meter	L/M	■	▲
#1.0	2,1	7,9	3,4	6	7	5	2,3	9	10
	2,8	8,2	3,8	7	8	6	2,7	10	11
	3,4	8,2	4,5	8	9	6	3,0	11	13
	4,1	7,9	5,3	10	12	5	3,8	14	17
#1.5	2,1	8,5	4,9	8	9	6	3,4	12	13
	2,8	8,8	5,7	9	10	6	4,2	12	14
	3,4	9,1	6,4	9	11	6	4,5	13	15
	4,1	9,4	7,2	10	11	7	4,9	14	16
#2.0	2,1	8,8	7,2	11	13	6	4,9	16	18
	2,8	9,8	8,3	10	12	7	5,7	15	17
	3,4	10,1	9,5	11	13	7	6,8	16	19
	4,1	10,4	10,6	12	14	7	7,6	17	20
#3.0	2,1	9,8	9,5	13	14	7	6,8	17	20
	2,8	10,4	11,4	14	15	7	7,9	18	21
	3,4	10,7	13,3	14	16	8	9,5	20	23
	4,1	11,0	15,1	15	18	8	10,6	22	25

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

- Pressure Regulated -
PERFORMANCE DATA

PR Performance Data

NOZZLE		NO ADJUSTMENT				-30% ADJUSTMENT			
		RADIUS	FLOW	PRECIP IN/HR		RADIUS	FLOW	PRECIP IN/HR	
	PSI	Feet	GPM	■	▲	Feet	GPM	■	▲
#1.0	30	31	1.1	0.22	0.25	22	0.8	0.31	0.36
	40	32	1.4	0.26	0.30	22	1.0	0.37	0.43
	50	33	1.6	0.28	0.33	23	1.1	0.40	0.47
	60	33	1.6	0.28	0.33	23	1.1	0.40	0.47
#1.5	30	33	1.5	0.27	0.31	23	1.1	0.39	0.44
	40	35	1.8	0.28	0.33	25	1.3	0.40	0.47
	50	35	2.0	0.31	0.36	25	1.4	0.44	0.51
	60	35	2.0	0.31	0.36	25	1.4	0.44	0.51
#2.0	30	33	1.8	0.32	0.37	23	1.3	0.46	0.53
	40	34	2.1	0.35	0.40	24	1.5	0.50	0.57
	50	36	2.4	0.36	0.41	25	1.7	0.51	0.59
	60	36	2.4	0.36	0.41	25	1.7	0.51	0.59
#2.5 Pre-installed	30	35	2.2	0.35	0.40	25	1.5	0.50	0.57
	40	38	2.6	0.35	0.40	27	1.8	0.50	0.57
	50	39	3.0	0.38	0.44	27	2.1	0.54	0.63
	60	39	3.0	0.38	0.46	27	2.1	0.54	0.66
#3.0	30	38	2.7	0.36	0.42	27	1.9	0.51	0.60
	40	40	3.1	0.37	0.43	28	2.2	0.53	0.61
	50	41	3.5	0.40	0.46	29	2.5	0.57	0.66
	60	41	3.5	0.40	0.46	29	2.5	0.57	0.66
#4.0	30	38	3.5	0.47	0.54	27	2.5	0.67	0.77
	40	40	4.0	0.48	0.56	28	2.8	0.69	0.80
	50	43	4.4	0.46	0.53	30	3.1	0.66	0.76
	60	43	4.4	0.46	0.53	30	3.1	0.66	0.76
#5.0	30	43	4.4	0.46	0.53	30	3.1	0.66	0.76
	40	43	5.0	0.52	0.60	30	3.5	0.74	0.86
	50	44	5.5	0.55	0.63	31	3.9	0.79	0.90
	60	44	5.5	0.55	0.63	31	3.9	0.79	0.90
#6.0	30	40	5.0	0.60	0.70	28	3.5	0.86	1.00
	40	43	5.9	0.61	0.71	30	4.1	0.87	1.01
	50	43	6.6	0.69	0.79	30	4.6	0.99	1.13
	60	43	6.6	0.69	0.79	30	4.6	0.99	1.13
#8.0	30	43	6.8	0.71	0.82	30	4.8	1.01	1.17
	40	47	7.9	0.69	0.80	33	5.5	0.99	1.14
	50	48	8.8	0.74	0.85	34	6.2	1.06	1.21
	60	48	8.8	0.74	0.85	34	6.2	1.06	1.21

PR Performance Data, Metric

NOZZLE		NO ADJUSTMENT				-30% ADJUSTMENT			
		RADIUS	FLOW	PRECIP IN/HR		RADIUS	FLOW	PRECIP IN/HR	
	BAR	Meter	L/M	■	▲	Meter	L/M	■	▲
#1.0	2.1	9.5	4.2	6	6	6.6	2.9	8	9
	2.8	9.8	5.3	7	8	6.8	3.7	9	11
	3.5	10.1	6.1	7	8	7.0	4.2	10	12
	4.1	10.1	6.1	7	8	7.0	4.2	10	12
#1.5	2.1	10.1	5.7	7	8	7.0	4.0	10	11
	2.8	10.7	6.8	7	8	7.5	4.8	10	12
	3.5	10.7	7.6	8	9	7.5	5.3	11	13
	4.1	10.7	7.6	8	9	7.5	5.3	11	13
#2.0	2.1	10.1	6.8	8	9	7.0	4.8	12	13
	2.8	10.4	8.0	9	10	7.3	5.6	13	15
	3.5	11.0	9.1	9	10	7.7	6.4	13	15
	4.1	11.0	9.1	9	10	7.7	6.4	13	15
#2.5 Pre-installed	2.1	10.7	8.3	9	10	7.5	5.8	13	15
	2.8	11.6	9.9	9	10	8.1	6.9	13	15
	3.5	11.9	11.4	10	11	8.3	8.0	14	16
	4.1	11.9	11.4	10	12	8.3	8.0	14	17
#3.0	2.1	11.6	10.2	9	11	8.1	7.2	13	15
	2.8	12.2	11.7	9	11	8.5	8.2	13	16
	3.5	12.5	13.3	10	12	8.8	9.3	15	17
	4.1	12.5	13.3	10	12	8.8	9.3	15	17
#4.0	2.1	11.6	13.3	12	14	8.1	9.3	17	20
	2.8	12.2	15.2	12	14	8.5	10.6	17	20
	3.5	13.1	16.7	12	13	9.2	11.7	17	19
	4.1	13.1	16.7	12	13	9.2	11.7	17	19
#5.0	2.1	13.1	16.7	12	13	9.2	11.7	17	19
	2.8	13.1	19.0	13	15	9.2	13.3	19	22
	3.5	13.4	20.8	14	16	9.4	14.6	20	23
	4.1	13.4	20.8	14	16	9.4	14.6	20	23
#6.0	2.1	12.2	19.0	15	18	8.5	13.3	22	25
	2.8	13.1	22.4	15	18	9.2	15.7	22	26
	3.5	13.1	25.0	18	20	9.2	17.5	25	29
	4.1	13.1	25.0	18	20	9.2	17.5	25	29
#8.0	2.1	13.1	25.8	18	21	9.2	18.0	26	30
	2.8	14.3	29.9	18	20	10.0	21.0	25	29
	3.5	14.6	33.4	19	22	10.2	23.3	27	31
	4.1	14.6	33.4	19	22	10.2	23.3	27	31

PR Low Angle Performance Data

NOZZLE		NO ADJUSTMENT				-30% ADJUSTMENT			
		RADIUS	FLOW	PRECIP IN/HR		RADIUS	FLOW	PRECIP IN/HR	
	PSI	Feet	GPM	■	▲	Feet	GPM	■	▲
#1.0	30	26	0.9	0.25	0.29	18	0.6	0.36	0.41
	40	27	1.0	0.26	0.31	19	0.7	0.37	0.44
	50	27	1.2	0.32	0.37	19	0.8	0.46	0.53
	60	27	1.2	0.32	0.37	19	0.8	0.46	0.53
#1.5	30	28	1.3	0.32	0.37	20	0.9	0.46	0.53
	40	29	1.5	0.34	0.40	20	1.1	0.49	0.57
	50	30	1.7	0.36	0.42	21	1.2	0.51	0.60
	60	30	1.7	0.36	0.42	21	1.2	0.51	0.60
#2.0	30	29	1.9	0.44	0.50	20	1.3	0.63	0.71
	40	32	2.2	0.41	0.48	22	1.5	0.59	0.69
	50	33	2.5	0.44	0.51	23	1.8	0.63	0.73
	60	33	2.5	0.44	0.51	23	1.8	0.63	0.73
#3.0	30	32	2.5	0.47	0.54	22	1.8	0.67	0.77
	40	34	3.0	0.50	0.58	24	2.1	0.71	0.83
	50	35	3.5	0.55	0.64	25	2.5	0.79	0.91
	60	35	3.5	0.55	0.64	25	2.5	0.79	0.91

PR Low Angle Performance Data, Metric

NOZZLE		NO ADJUSTMENT				-30% ADJUSTMENT			
		RADIUS	FLOW	PRECIP IN/HR		RADIUS	FLOW	PRECIP IN/HR	
	BAR	Meter	L/M	■	▲	Meter	L/M	■	▲
#1.0	2.1	7.9	3.4	6	7	5.6	2.4	9	11
	2.8	8.2	3.8	7	8	5.8	2.7	9	11
	3.5	8.2	4.5	8	9	5.8	3.2	12	13
	4.1	8.2	4.5	8	9	5.8	3.2	12	13
#1.5	2.1	8.5	4.9	8	9	6.0	3.4	12	13
	2.8	8.8	5.7	9	10	6.2	4.0	12	15
	3.5	9.2	6.4	9	11	6.4	4.5	13	15
	4.1	9.2	6.4	9	11	6.4	4.5	13	15
#2.0	2.1	8.8	7.2	11	13	6.2	5.0	16	18
	2.8	9.8	8.3	10	12	6.8	5.8	15	17
	3.5	10.1	9.5	11	13	7.0	6.6	16	19
	4.1	10.1	9.5	11	13	7.0	6.6	16	19
#3.0	2.1	9.8	9.5	12	14	6.8	6.6	17	20
	2.8	10.4	11.4	13	15	7.3	8.0	18	21
	3.5	10.7	13.3	14	16	7.5	9.3	20	23
	4.1	10.7	13.3	14	16	7.5	9.3	20	23

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