

ADJUSTABLE ROTARY NOZZLES



For Residential and Light Commercial Use



Models

RN100 ADJ-90-270	Adjustable 90° - 270° 13'-15' (Medium Green)
RN100 FIX 360	Fixed Pattern 360° 13'-15' (Light Green)
RN200 ADJ-90-270	Adjustable 90° - 270° 16'-19' (Medium Blue)
RN200 FIX 360	Fixed Pattern 360° 16'-19' (Light Blue)
RN300 ADJ-90-270	Adjustable 90° - 270° 26'-30' (Medium Grey)
RN300 FIX 360	Fixed Pattern 360° 26'-30' (Light Grey)
RNS-RES-515	Right End Strip (Burnt Orange)
RNS-LES-515	Left End Strip (Olive)
RNS-SS-530	Side Strip (Brown)



Performance Data - Adjustable and Fixed Patterns

RN100-ADJ-90-270 (MEDIUM GREEN)

ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	▲
90°	30	207	2.07	13	3.96	0.22	0.83	0.50	0.58	12.70	14.73
	35	241	2.41	14	4.27	0.24	0.91	0.46	0.53	11.68	13.46
	40	276	2.76	14	4.27	0.25	0.94	0.49	0.57	12.44	14.48
	45	310	3.10	15	4.57	0.29	1.10	0.49	0.57	12.44	14.48
	50	345	3.45	15	4.57	0.30	1.13	0.51	0.59	12.95	14.98
180°	30	207	2.07	13	3.96	0.44	1.66	0.50	0.58	12.70	14.73
	35	241	2.41	14	4.27	0.47	1.78	0.46	0.53	11.68	13.46
	40	276	2.76	14	4.27	0.50	1.89	0.49	0.57	12.44	14.48
	45	310	3.10	15	4.57	0.58	2.19	0.49	0.57	12.44	14.48
	50	345	3.45	15	4.57	0.60	2.27	0.51	0.59	12.95	14.98
270°	30	207	2.07	13	3.96	0.66	2.50	0.50	0.58	12.70	14.73
	35	241	2.41	14	4.27	0.71	2.69	0.46	0.53	11.68	13.46
	40	276	2.76	14	4.27	0.75	2.84	0.49	0.57	12.44	14.48
	45	310	3.10	15	4.57	0.86	3.25	0.49	0.57	12.44	14.48
	50	345	3.45	15	4.57	0.90	3.40	0.51	0.59	12.95	14.98

RN100-FIX360 (LIGHT GREEN)

ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	▲
360°	30	207	2.07	13	3.96	0.88	3.33	0.50	0.58	12.70	14.73
	35	241	2.41	14	4.27	0.94	3.56	0.46	0.53	11.68	13.46
	40	276	2.76	14	4.27	1.00	3.78	0.49	0.57	12.44	14.48
	45	310	3.10	15	4.57	1.15	4.35	0.49	0.57	12.44	14.48
	50	345	3.45	15	4.57	1.20	4.54	0.51	0.59	12.95	14.98



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Performance data
continued on reverse.

Performance Data - Adjustable and Fixed Patterns

RN200-ADJ-90-270 (MEDIUM BLUE)

ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	▲
90°	30	207	2.07	16	4.87	0.34	1.29	0.50	0.58	12.70	14.73
	35	241	2.41	17	5.18	0.38	1.44	0.50	0.58	12.70	14.73
	40	276	2.76	18	5.48	0.41	1.55	0.49	0.57	12.44	14.48
	45	310	3.10	19	5.79	0.42	1.59	0.45	0.52	11.43	13.21
	50	345	3.45	19	5.79	0.47	1.78	0.50	0.58	12.70	14.73
180°	30	207	2.07	16	4.87	0.67	2.53	0.50	0.58	12.70	14.73
	35	241	2.41	17	5.18	0.75	2.84	0.50	0.58	12.70	14.73
	40	276	2.76	18	5.48	0.83	3.14	0.49	0.57	12.44	14.48
	45	310	3.10	19	5.79	0.84	3.18	0.45	0.52	11.43	13.21
	50	345	3.45	19	5.79	0.94	3.56	0.50	0.58	12.70	14.73
270°	30	207	2.07	16	4.87	1.01	3.82	0.50	0.58	12.70	14.73
	35	241	2.41	17	5.18	1.13	4.28	0.50	0.58	12.70	14.73
	40	276	2.76	18	5.48	1.24	4.69	0.49	0.57	12.44	14.48
	45	310	3.10	18	5.48	1.26	4.77	0.50	0.58	12.70	14.73
	50	345	3.45	19	5.79	1.41	5.34	0.50	0.58	12.70	14.73

RN200-FIX360 (LIGHT BLUE)

ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	▲
360°	30	207	2.07	16	4.87	1.34	5.07	0.50	0.58	12.70	14.73
	35	241	2.41	17	5.18	1.50	5.68	0.50	0.58	12.70	14.73
	40	276	2.76	18	5.48	1.65	6.24	0.49	0.57	12.44	14.48
	45	310	3.10	19	5.79	1.68	6.36	0.50	0.58	12.70	14.73
	50	345	3.45	19	5.79	1.88	7.11	0.56	0.64	14.22	16.25




RN300-ADJ-90-270 (MEDIUM GREY)

ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	▲
90°	30	207	2.07	26	7.92	0.80	3.03	0.44	0.51	11.17	12.95
	35	241	2.41	26	7.92	0.85	3.22	0.46	0.53	11.68	12.46
	40	276	2.76	27	8.23	0.90	3.40	0.46	0.53	11.68	12.46
	45	310	3.10	28	8.53	0.95	3.59	0.44	0.50	11.17	12.70
	50	345	3.45	28	8.53	1.00	3.78	0.45	0.52	11.43	13.21
180°	30	207	2.07	26	7.92	1.40	5.30	0.44	0.51	11.17	12.95
	35	241	2.41	27	8.23	1.50	5.68	0.42	0.49	10.67	12.44
	40	276	2.76	27	8.23	1.60	6.05	0.46	0.53	11.68	12.46
	45	310	3.10	29	8.84	1.70	6.43	0.41	0.47	10.41	11.94
	50	345	3.45	30	9.14	1.80	6.81	0.40	0.46	10.16	11.68
270°	30	207	2.07	26	7.92	2.45	9.27	0.44	0.51	11.17	12.95
	35	241	2.41	27	8.23	2.55	9.65	0.42	0.49	10.67	12.44
	40	276	2.76	28	8.53	2.75	10.41	0.43	0.50	10.92	12.70
	45	310	3.10	28	8.53	2.90	10.98	0.44	0.50	11.17	12.70
	50	345	3.45	27	8.23	3.10	11.73	0.49	0.56	12.44	14.22

RN300-FIX360 (LIGHT GREY)

ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	▲
360°	30	207	2.07	26	7.92	3.10	11.73	0.44	0.51	11.17	12.95
	35	241	2.41	27	8.23	3.20	12.11	0.42	0.49	10.67	12.44
	40	276	2.76	28	8.53	3.50	13.25	0.43	0.50	10.92	12.70
	45	310	3.10	28	8.53	3.55	13.43	0.44	0.50	11.17	12.70
	50	345	3.45	30	9.1	3.70	14.00	0.42	0.49	10.67	12.44

Performance Data - Special Patterns

PATTERN	NOZZLE	PRESSURE			WIDTH X LENGTH		FLOW RATE	
		PSI	kPa	Bars	Feet	Meters	GPM	L/M
Right End Strip 	RNS-RES-515 Burnt Orange	30	206	2.06	4 x 15	1.22 x 4.6	0.30	1.14
		35	246	2.46	5 x 15	1.5 x 4.6	0.32	1.21
		40	275	2.75	5 x 15	1.5 x 4.6	0.35	1.32
		45	310	3.10	6 x 16	1.8 x 4.9	0.38	1.43
		50	345	3.45	6 x 16	1.8 x 4.9	0.40	1.51
Left End Strip 	RNS-LES-515 Olive	30	206	2.06	4 x 15	1.22 x 4.6	0.30	1.14
		35	246	2.46	5 x 15	1.5 x 4.6	0.32	1.21
		40	275	2.75	5 x 15	1.5 x 4.6	0.35	1.32
		45	310	3.10	6 x 15	1.8 x 4.6	0.38	1.43
		50	345	3.45	6 x 16	1.8 x 4.9	0.40	1.51
Side Strip 	RNS-SS-530 Brown	30	206	2.06	4 x 29	1.22 x 8.8	0.50	1.80
		35	246	2.46	5 x 30	1.5 x 9.1	0.55	2.08
		40	275	2.75	5 x 30	1.5 x 9.1	0.60	2.30
		45	310	3.10	6 x 31	1.8 x 9.4	0.65	2.46
		50	345	3.45	7 x 32	2.1 x 9.7	0.70	2.64

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