

R-VAN Rotary Nozzles



R-VAN

- ✓ Adjust by hand
- ✓ Pull-up to flush
- ✓ Even watering
- ✓ Wind resistant

MP Rotator

- ✗ Tool required
- ✗ Clogs
- ✗ Not matched precipitation
- ✗ Thin streams

8' to 14'



R-VAN14
45° - 270°

R-VAN14-360
360°

13' to 18'



R-VAN18
45° - 270°

R-VAN18-360
360°

17' to 24'



R-VAN24
45° - 270°

R-VAN24-360
360°

Strip Nozzles



R-VAN-LCS
5' x 15'
Left Corner Strip

R-VAN-SST
5' x 30'
Side Strip

R-VAN-RCS
5' x 15'
Right Corner Strip



Rotary Nozzle Performance Data

Adjustable Arc Nozzles

R-VAN14 (8' - 14')					
Arc	Pressure psi	Radius ft.	Flow gpm	Precip. (in/h)	
				■	▲
270° 	30	13	0.84	0.64	0.76
	35	13	0.87	0.66	0.74
	40	14	0.92	0.60	0.71
	45	14	0.94	0.62	0.70
	50	15	1.11	0.63	0.73
240° 	30	13	0.75	0.64	0.74
	35	13	0.78	0.66	0.76
	40	14	0.82	0.60	0.70
	45	14	0.84	0.62	0.71
	50	15	0.99	0.63	0.73
210° 	30	13	0.65	0.64	0.76
	35	13	0.68	0.66	0.74
	40	14	0.72	0.60	0.71
	45	14	0.73	0.62	0.70
	50	15	0.86	0.63	0.73
180° 	30	13	0.56	0.64	0.76
	35	13	0.58	0.66	0.74
	40	14	0.61	0.60	0.71
	45	14	0.63	0.62	0.70
	50	15	0.74	0.63	0.73
150° 	30	13	0.47	0.64	0.74
	35	13	0.48	0.66	0.76
	40	14	0.52	0.61	0.70
	45	14	0.53	0.63	0.73
	50	15	0.62	0.63	0.73
120° 	30	13	0.37	0.64	0.74
	35	13	0.39	0.66	0.76
	40	14	0.41	0.61	0.70
	45	14	0.43	0.63	0.73
	50	15	0.49	0.63	0.73
90° 	30	13	0.28	0.64	0.76
	35	13	0.29	0.66	0.74
	40	14	0.31	0.62	0.71
	45	14	0.32	0.61	0.70
	50	15	0.37	0.63	0.73
60° 	30	13	0.19	0.64	0.74
	35	13	0.19	0.66	0.76
	40	14	0.21	0.61	0.70
	45	14	0.21	0.63	0.73
	50	15	0.25	0.63	0.73
45° 	30	13	0.14	0.64	0.74
	35	13	0.15	0.66	0.76
	40	14	0.16	0.61	0.70
	45	14	0.16	0.63	0.73
	50	15	0.19	0.63	0.73

R-VAN18 (13' - 18')					
Arc	Pressure psi	Radius ft.	Flow gpm	Precip. (in/h)	
				■	▲
270° 	30	16	1.26	0.65	0.75
	35	16	1.35	0.64	0.74
	40	17	1.42	0.63	0.73
	45	17	1.51	0.64	0.73
	50	18	1.57	0.60	0.69
240° 	30	16	1.12	0.63	0.73
	35	16	1.20	0.68	0.78
	40	17	1.26	0.63	0.73
	45	17	1.34	0.67	0.77
	50	18	1.40	0.62	0.72
210° 	30	16	0.98	0.63	0.73
	35	16	1.05	0.68	0.78
	40	17	1.10	0.63	0.73
	45	17	1.17	0.64	0.77
	50	18	1.22	0.62	0.72
180° 	30	16	0.85	0.65	0.75
	35	16	0.91	0.64	0.74
	40	17	0.98	0.63	0.73
	45	17	1.01	0.64	0.73
	50	18	1.07	0.60	0.69
150° 	30	16	0.71	0.64	0.74
	35	16	0.76	0.68	0.79
	40	17	0.82	0.65	0.75
	45	17	0.84	0.67	0.78
	50	18	0.89	0.64	0.73
120° 	30	16	0.57	0.64	0.74
	35	16	0.61	0.68	0.75
	40	17	0.65	0.65	0.75
	45	17	0.67	0.67	0.78
	50	18	0.71	0.64	0.73
90° 	30	16	0.42	0.65	0.75
	35	16	0.47	0.64	0.74
	40	17	0.50	0.63	0.73
	45	17	0.50	0.64	0.73
	50	18	0.54	0.60	0.69
60° 	30	16	0.28	0.63	0.73
	35	16	0.31	0.71	0.82
	40	17	0.33	0.67	0.77
	45	17	0.33	0.67	0.77
	50	18	0.36	0.64	0.74
45° 	30	16	0.21	0.63	0.73
	35	16	0.24	0.71	0.82
	40	17	0.25	0.67	0.77
	45	17	0.25	0.67	0.77
	50	18	0.27	0.64	0.74

R-VAN24 (17' - 24')					
Arc	Pressure psi	Radius ft.	Flow gpm	Precip. (in/h)	
				■	▲
270° 	30	19	1.80	0.64	0.74
	35	20	1.95	0.63	0.72
	40	22	2.31	0.61	0.71
	45	23	2.52	0.61	0.71
	50	24	2.82	0.63	0.73
240° 	30	19	1.60	0.64	0.74
	35	20	1.74	0.63	0.72
	40	22	2.06	0.61	0.71
	45	23	2.24	0.61	0.71
	50	24	2.51	0.63	0.73
210° 	30	19	1.40	0.64	0.74
	35	20	1.52	0.63	0.72
	40	22	1.80	0.61	0.71
	45	23	1.96	0.61	0.71
	50	24	2.19	0.63	0.72
180° 	30	19	1.20	0.64	0.74
	35	20	1.30	0.63	0.72
	40	22	1.54	0.61	0.71
	45	23	1.68	0.61	0.71
	50	24	1.88	0.63	0.73
150° 	30	19	1.00	0.64	0.74
	35	20	1.08	0.63	0.72
	40	22	1.28	0.61	0.71
	45	23	1.40	0.61	0.71
	50	24	1.57	0.63	0.73
120° 	30	19	0.80	0.64	0.74
	35	20	0.87	0.63	0.72
	40	22	1.03	0.61	0.71
	45	23	1.12	0.61	0.71
	50	24	1.25	0.63	0.73
90° 	30	19	0.60	0.64	0.74
	35	20	0.65	0.63	0.72
	40	22	0.77	0.61	0.71
	45	23	0.84	0.61	0.71
	50	24	0.94	0.63	0.73
60° 	30	19	0.40	0.64	0.74
	35	20	0.43	0.63	0.72
	40	22	0.51	0.61	0.71
	45	23	0.56	0.61	0.71
	50	24	0.63	0.63	0.73
45° 	30	19	0.30	0.64	0.74
	35	20	0.33	0.63	0.72
	40	22	0.39	0.61	0.71
	45	23	0.42	0.61	0.71
	50	24	0.47	0.63	0.73

Full Circle and Strip Nozzles

R-VAN14-360 (8' - 14')					
Arc	Pressure psi	Radius ft.	Flow gpm	Precip. (in/h)	
				■	▲
360° 	30	13	1.10	0.63	0.72
	35	13	1.12	0.64	0.74
	40	14	1.22	0.60	0.69
	45	14	1.27	0.62	0.72
	50	15	1.41	0.60	0.70

R-VAN18-360 (13' - 18')					
Arc	Pressure psi	Radius ft.	Flow gpm	Precip. (in/h)	
				■	▲
360° 	30	16	1.65	0.62	0.72
	35	16	1.67	0.63	0.73
	40	17	1.80	0.60	0.69
	45	17	1.85	0.62	0.71
	50	18	2.05	0.61	0.70

R-VAN24-360 (17' - 24')					
Arc	Pressure psi	Radius ft.	Flow gpm	Precip. (in/h)	
				■	▲
360° 	30	19	2.35	0.63	0.72
	35	20	2.52	0.61	0.70
	40	22	3.13	0.62	0.72
	45	23	3.48	0.63	0.73
	50	24	3.61	0.60	0.70

R-VANLCS (5' x 15')					
Arc	Pressure psi	Radius ft.	Flow gpm	Precip. (in/h)	
				■	▲
Left Corner Strip 	30	4x14	0.18	0.62	0.62
	35	5x15	0.22	0.56	0.56
	40	5x15	0.23	0.59	0.59
	45	5x15	0.24	0.62	0.62
	50	5x15	0.25	0.64	0.64

R-VANSST (5' x 30')					
Arc	Pressure psi	Radius ft.	Flow gpm	Precip. (in/h) — ▲	
Side Strip 	30	4x28	0.36	0.62	0.62
	35	5x30	0.44	0.56	0.56
	40	5x30	0.46	0.59	0.59
	45	5x30	0.48	0.62	0.62
	50	5x30	0.50	0.64	0.64
	55	6x32	0.56	0.56	0.56