














Adjustable Arc Nozzles (45° to 270°)


R-VAN14 8' - 14' (2.4 to 4.6m)					
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
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
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
55	15	0.39	0.67	0.77	


R-VAN18 13' - 18' (4.0 to 5.5m)					
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
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
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
55	18	0.58	0.60	0.69	

R-VAN24 17' - 24' (5.2 to 7.3m)					
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
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	0.73
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
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
55	24	0.96	0.64	0.74	


Full Circle Nozzles (360°)


R-VAN14-360 8' - 14' (2.4 to 4.6m)					
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
	55	15	1.45	0.62	0.72


R-VAN18-360 13' - 18' (4.0 to 5.5m)					
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
	55	18	2.11	0.63	0.72

R-VAN24-360 17' - 24' (5.2 to 7.3m)					
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
	55	24	3.74	0.62	0.72

Strip Nozzles (Left Corner, Side, Right Corner)

R-VAN-LCS 5' x 15' (1.5 x 4.6m)					
Arc	Pressure psi	Size ft.	Flow gpm	Precip. (in/h)	
				-	▲
Left Corner Strip 	30	4'x14'	0.18	0.62	0.62
	35	5'x15'	0.22	0.56	0.56
	40	5'x15'	0.23	0.59	0.59
	45	5'x15'	0.24	0.62	0.62
	50	5'x15'	0.25	0.64	0.64
	55	6'x16'	0.28	0.56	0.56

R-VAN-SST 5' x 30' (1.5 x 9.1m)					
Arc	Pressure psi	Size ft.	Flow gpm	Precip. (in/h)	
				-	▲
Side Strip 	30	4'x28'	0.36	0.62	0.62
	35	5'x30'	0.44	0.56	0.56
	40	5'x30'	0.46	0.59	0.59
	45	5'x30'	0.48	0.62	0.62
	50	5'x30'	0.50	0.64	0.64
	55	6'x32'	0.56	0.56	0.56

R-VAN-RCS 5' x 15' (1.5 x 4.6m)					
Arc	Pressure psi	Size ft.	Flow gpm	Precip. (in/h)	
				-	▲
Right Corner Strip 	30	4'x14'	0.18	0.62	0.62
	35	5'x15'	0.22	0.56	0.56
	40	5'x15'	0.23	0.59	0.59
	45	5'x15'	0.24	0.62	0.62
	50	5'x15'	0.25	0.64	0.64
	55	6'x16'	0.28	0.56	0.56

Note: All R-VAN nozzles tested on 4" (10.2 cm) pop-ups
Performance data taken in zero wind conditions

R-VAN24 and R-VAN24-360: Do not reduce the radius below 17'
R-VAN18 and R-VAN18-360: Do not reduce the radius below 13'
R-VAN14 and R-VAN14-360: Do not reduce the radius below 8'

- Square spacing based on 50% diameter of throw for 14', 18', and 24'
- ▲ Triangular spacing based on 50% diameter of throw for 14', 18' and 24'
- Straight-line spacing based on 50% overlap of throw for LCS, SST, and RCS
- ▲ Triangular spacing based on 50% overlap of throw for LCS, SST, and RCS