



## R-VAN Rotary Nozzles

# Add R-VAN to your irrigation rotation.

R-VAN rotary nozzles are designed to help master any space, enabling uniform coverage capable of transforming your next irrigation project into a work of art. Our curated line of R-VAN nozzles is elegant, efficient, and easy to use—offering matched precipitation and hassle-free maintenance without specialized tools. Best of all, R-VAN can operate under tough water restrictions, delivering large droplets in beautiful patterns that cut through wind and resist evaporation to enable the thriving landscapes your customers desire.



2.4m to 4.6m



**R-VAN14**  
45° - 270°

**R-VAN14-360**  
360°

4.0m to 5.5m



**R-VAN18**  
45° - 270°

**R-VAN18-360**  
360°

5.2m to 7.3m



**R-VAN24**  
45° - 270°

**R-VAN24-360**  
360°

Strip Nozzles



**R-VAN-LCS**  
1.5m x 4.6m  
Left Corner Strip












**R-VAN-SST**  
1.5m x 9.1m  
Side Strip





















**R-VAN-RCS**  
1.5m x 4.6m  
Right Corner Strip

# Rotary Nozzle Performance Data


## Adjustable Arc Nozzles


R-VAN14 2.4m to 4.6m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
270° 	2.1	4.0	3.18	16	19
	2.4	4.0	3.29	17	19
	2.8	4.3	3.48	15	18
	3.1	4.3	3.56	16	18
	3.4	4.6	4.20	16	19
3.8	4.6	4.43	17	20	
240° 	2.1	4.0	2.82	16	19
	2.4	4.0	2.93	17	19
	2.8	4.3	3.10	15	18
	3.1	4.3	3.16	16	18
	3.4	4.6	3.73	16	19
3.8	4.6	3.94	17	20	
210° 	2.1	4.0	2.46	16	19
	2.4	4.0	2.57	17	19
	2.8	4.3	2.73	15	18
	3.1	4.3	2.76	16	18
	3.4	4.6	3.26	16	19
3.8	4.6	3.44	17	20	
180° 	2.1	4.0	2.12	16	19
	2.4	4.0	2.20	17	19
	2.8	4.3	2.31	15	18
	3.1	4.3	2.38	16	18
	3.4	4.6	2.80	16	19
3.8	4.6	2.95	17	20	
150° 	2.1	4.0	1.77	16	19
	2.4	4.0	1.83	17	19
	2.8	4.3	1.96	15	18
	3.1	4.3	2.02	16	18
	3.4	4.6	2.33	16	19
3.8	4.6	2.46	17	20	
120° 	2.1	4.0	1.41	16	19
	2.4	4.0	1.46	17	19
	2.8	4.3	1.56	15	18
	3.1	4.3	1.62	16	18
	3.4	4.6	1.87	16	19
3.8	4.6	1.97	17	20	
90° 	2.1	4.0	1.06	16	19
	2.4	4.0	1.10	17	19
	2.8	4.3	1.17	16	18
	3.1	4.3	1.21	15	18
	3.4	4.6	1.40	16	19
3.8	4.6	1.48	17	20	
60° 	2.1	4.0	0.71	16	19
	2.4	4.0	0.73	17	19
	2.8	4.3	0.78	15	18
	3.1	4.3	0.81	16	18
	3.4	4.6	0.93	16	19
3.8	4.6	0.98	17	20	
45° 	2.1	4.0	0.53	16	19
	2.4	4.0	0.55	17	19
	2.8	4.3	0.59	15	18
	3.1	4.3	0.61	16	18
	3.4	4.6	0.70	16	19
3.8	4.6	0.74	17	20	


R-VAN18 4.0m to 5.5m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
270° 	2.1	4.9	4.77	17	19
	2.4	4.9	5.11	16	19
	2.8	5.2	5.38	16	19
	3.1	5.2	5.72	16	19
	3.4	5.5	5.94	15	18
3.8	5.5	6.13	15	18	
240° 	2.1	4.9	4.24	16	19
	2.4	4.9	4.54	17	20
	2.8	5.2	4.77	16	18
	3.1	5.2	5.07	17	20
	3.4	5.5	5.28	16	18
3.8	5.5	5.45	16	19	
210° 	2.1	4.9	3.71	16	19
	2.4	4.9	3.97	17	20
	2.8	5.2	4.16	16	19
	3.1	5.2	4.43	16	20
	3.4	5.5	4.62	16	18
3.8	5.5	4.77	16	19	
180° 	2.1	4.9	3.22	17	19
	2.4	4.9	3.44	16	19
	2.8	5.2	3.71	16	19
	3.1	5.2	3.82	16	19
	3.4	5.5	4.05	15	18
3.8	5.5	4.13	15	18	
150° 	2.1	4.9	2.68	16	19
	2.4	4.9	2.87	17	20
	2.8	5.2	3.09	17	19
	3.1	5.2	3.19	17	20
	3.4	5.5	3.38	16	19
3.8	5.5	3.44	16	19	
120° 	2.1	4.9	2.15	16	19
	2.4	4.9	2.30	17	20
	2.8	5.2	2.47	17	19
	3.1	5.2	2.55	17	20
	3.4	5.5	2.70	16	19
3.8	5.5	2.75	16	19	
90° 	2.1	4.9	1.59	17	19
	2.4	4.9	1.78	16	19
	2.8	5.2	1.89	16	19
	3.1	5.2	1.89	16	19
	3.4	5.5	2.04	15	18
3.8	5.5	2.20	15	18	
60° 	2.1	4.9	1.06	16	19
	2.4	4.9	1.19	18	21
	2.8	5.2	1.26	17	20
	3.1	5.2	1.26	17	20
	3.4	5.5	1.36	16	19
3.8	5.5	1.46	18	20	
45° 	2.1	4.9	0.79	16	19
	2.4	4.9	0.89	18	21
	2.8	5.2	0.95	17	20
	3.1	5.2	0.95	17	20
	3.4	5.5	1.02	16	19
3.8	5.5	1.10	18	20	


R-VAN24 5.2m to 7.3m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
270° 	2.1	5.8	6.81	16	19
	2.4	6.1	7.38	16	18
	2.8	6.7	8.74	16	18
	3.1	7.0	9.54	16	18
	3.4	7.3	10.67	16	18
3.8	7.3	10.90	16	19	
240° 	2.1	5.8	6.06	16	19
	2.4	6.1	6.57	16	18
	2.8	6.7	7.78	16	18
	3.1	7.0	8.48	16	18
	3.4	7.3	9.48	16	18
3.8	7.3	9.69	16	19	
210° 	2.1	5.8	5.30	16	19
	2.4	6.1	5.75	16	18
	2.8	6.7	6.81	16	18
	3.1	7.0	7.42	16	18
	3.4	7.3	8.29	16	18
3.8	7.3	8.48	16	19	
180° 	2.1	5.8	4.54	16	19
	2.4	6.1	4.92	16	18
	2.8	6.7	5.83	16	18
	3.1	7.0	6.36	16	18
	3.4	7.3	7.12	16	18
3.8	7.3	7.27	16	19	
150° 	2.1	5.8	3.79	16	19
	2.4	6.1	4.10	16	18
	2.8	6.7	4.86	16	18
	3.1	7.0	5.30	16	18
	3.4	7.3	5.93	16	18
3.8	7.3	6.06	16	19	
120° 	2.1	5.8	3.03	16	19
	2.4	6.1	3.28	16	18
	2.8	6.7	3.89	16	18
	3.1	7.0	4.24	16	18
	3.4	7.3	4.74	16	18
3.8	7.3	4.85	16	19	
90° 	2.1	5.8	2.27	16	19
	2.4	6.1	2.46	16	18
	2.8	6.7	2.91	16	18
	3.1	7.0	3.18	16	18
	3.4	7.3	3.56	16	18
3.8	7.3	3.63	16	19	
60° 	2.1	5.8	1.51	16	19
	2.4	6.1	1.64	16	18
	2.8	6.7	1.94	16	18
	3.1	7.0	2.12	16	18
	3.4	7.3	2.37	16	18
3.8	7.3	2.42	16	19	
45° 	2.1	5.8	1.14	16	19
	2.4	6.1	1.23	16	18
	2.8	6.7	1.46	16	18
	3.1	7.0	1.59	16	18
	3.4	7.3	1.78	16	18
3.8	7.3	1.82	16	19	


## Full Circle and Strip Nozzles


R-VAN14-360 2.4m to 4.6m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
360° 	2.1	4.0	4.16	16	18
	2.4	4.0	4.24	16	19
	2.8	4.3	4.62	15	18
	3.1	4.3	4.81	16	18
	3.4	4.6	5.34	15	18
	3.8	4.6	5.49	16	18

R-VAN18-360 4.0m to 5.5m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
360° 	2.1	4.9	6.25	16	18
	2.4	4.9	6.32	16	19
	2.8	5.2	6.81	15	18
	3.1	5.2	7.00	16	18
	3.4	5.5	7.76	15	18
	3.8	5.5	7.99	16	18

R-VAN24-360 5.2m to 7.3m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
360° 	2.1	5.8	8.90	16	18
	2.4	6.1	9.54	15	18
	2.8	6.7	11.85	16	18
	3.1	7.0	13.17	16	19
	3.4	7.3	13.67	15	18
	3.8	7.3	14.16	16	18

R-VANLCS 1.5m x 4.6m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
Left Corner Strip 	2.1	1.2x4.3	0.68	16	16
	2.4	1.5x4.6	0.83	14	14
	2.8	1.5x4.6	0.87	15	15
	3.1	1.5x4.6	0.91	16	16
	3.4	1.5x4.6	0.95	16	16
3.8	1.8x4.9	1.06	14	14	

R-VANSST 1.5m x 9.1m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
Side Strip 	2.1	1.2x8.5	1.36	16	16
	2.4	1.5x9.1	1.67	14	14
	2.8	1.5x9.1	1.74	15	15
	3.1	1.5x9.1	1.82	16	16
	3.4	1.5x9.1	1.89	16	16
3.8	1.8x9.8	2.12	14	14	

R-VANRCS 1.5m x 4.6m					
Arc	Pressure bar	Radius m	Flow l/m	Precip. (mm/h)	
Right Corner Strip 	2.1	1.2x4.3	0.68	16	16
	2.4	1.5x4.6	0.83	14	14
	2.8	1.5x4.6	0.87	15	15
	3.1	1.5x4.6	0.91	16	16
	3.4	1.5x4.6	0.95	16	16
3.8	1.8x4.9	1.06	14	14	

Recommended Operating Pressure: 3.1 bar

For best results, use pressure-regulated Rain Bird PRS45 Spray Heads.