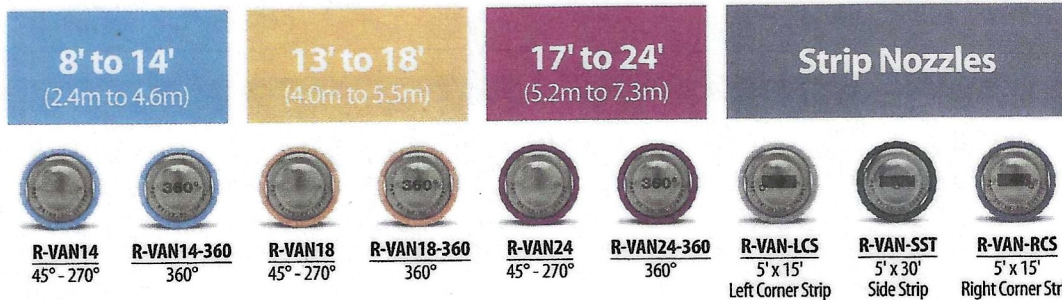
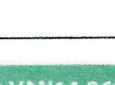


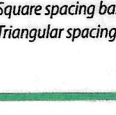


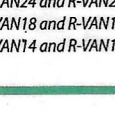
Adjustable Arc Nozzles (45° to 270°)

R-VAN14 8' - 14'					
Nozzle	Pressure psi	Radius ft.	Flow gpm	Precip In/h	Precip In/h
	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
	55	15	1.17	0.67	0.77
	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
	55	15	0.91	0.67	0.77
	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
	55	15	0.78	0.67	0.77
	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-VAN14 2.4 to 4.6m						METRIC
Nozzle	Pressure bar	Radius m	Flow l/m	Precip mm/h	Precip mm/h	
	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	
	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	
	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	
	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	

Full Circle Nozzles (360°)

R-VAN14 8' - 14'					
Nozzle	Pressure psi	Radius ft.	Flow gpm	Precip In/h	Precip In/h
	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-VAN14-360 2.4 to 4.6m						METRIC
Nozzle	Pressure bar	Radius m	Flow l/m	Precip mm/h	Precip mm/h	
	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	

Note: All R-VAN nozzles tested on 4" (10.2 cm) pop-ups
 ■ Square spacing based on 50% diameter of throw
 ▲ Triangular spacing based on 50% diameter of throw

Performance data taken in zero wind conditions
 R-VAN24 and R-VAN24-360: "Do not reduce the radius below 17' (5.2 m)
 R-VAN18 and R-VAN18-360: "Do not reduce the radius below 13' (4.0 m)
 R-VAN14 and R-VAN18-360: "Do not reduce the radius below 8' (2.4 m)

R-VAN Nozzles

NEW

High Efficiency, Multi-Stream

Rain Bird® R-VAN Adjustable Rotary Nozzles save more water, are easier to use, and are lower priced compared to leading rotating nozzles. R-VANs thick streams and large water droplets cut through the wind to deliver water where you want it. R-VANs are easier to use thanks to its hand-adjustable arc and radius.

Features

- Matched precipitation across radius, arcs, and pattern types
- Low precipitation rate reduces run-off and erosion
- Adjust arc and radius without tools
- A pull-up to flush feature clears the nozzle of dirt and debris
- Maintains efficient performance at high operating pressures without misting or fogging
- Compatible with all models of Rain Bird spray bodies, risers and adapters
- Installing with Rain Bird 5000 MPR Series Rotors allows for matched precipitation from 8' to 35' (2.4m to 10.7m)
- Three year trade warranty

Operating Specifications

- Pressure Range: 30 to 55 psi (2.1 to 3.8 bar)
- Recommended Operating Pressure: 45 psi (3.1 bar)
- Spacing: 8' to 24' (2.4 to 7.3m)
- Adjustments: Arc and radius should be adjusted while water is running

Models

8' - 14' (2.4 to 4.6m)

- R-VAN14: 45° - 270° Adjustable Arc
- R-VAN14-360: 360° Full Circle

13' - 18' (4.0 to 5.5m)

- R-VAN18: 45° - 270° Adjustable Arc
- R-VAN18-360: 360° Full Circle

17' - 24' (5.2 to 7.3m)

- R-VAN24: 45° - 270° Adjustable Arc
- R-VAN24-360: 360° Full Circle

Strip Nozzles

- R-VAN-LCS: 5' x 15' (1.5 x 4.6m) Left Corner Strip
- R-VAN-RCS: 5' x 15' (1.5 x 4.6m) Right Corner Strip
- R-VAN-SST: 5' x 30' (1.5 x 9.1m) Side Strip

¹ Rain Bird recommends using 1800 P45 Spray Bodies to maintain optimum nozzle performance in higher pressure situations



R-VAN Nozzles

For Optimum Performance, Use
Rain Bird 1800 45 PSI Regulated or
RD1800 45 PSI Regulated Spray Bodies



How to Specify

R-VAN 18-360

Radius Range

8' - 14' (2.4 to 4.6m)

R-VAN14: 45° - 270°

R-VAN14-360: 360°

13' - 18' (4.0 to 5.5m)

R-VAN18: 45° - 270°

R-VAN18-360: 360°

17' - 24' (5.2 to 7.3m)

R-VAN24: 45° - 270°

R-VAN24-360: 360°

Strip Nozzles

R-VAN-LCS: 5' x 15' (1.5 x 4.6m)

R-VAN-RCS: 5' x 15' (1.5 x 4.6m)

R-VAN-SST: 5' x 30' (1.5 x 9.1m)

Model

R-VAN Adjustable Rotary Nozzle



R-VAN Nozzles meet the requirements of the ASABE/ICC 802-2014 standard

The average DU(LQ) of the applicable products exceed 0.65 distribution uniformity.

Product	Type	Radius	DU(LQ)
R-VAN	Multi-stream	8 - 24 ft.	> 0.70

To view the complete document of compliance for Rain Bird products that have been tested to meet the requirements of the ASABE/ICC 802-2014 standard and the California MWELO go to: www.rainbird.com/agency/california/MWELO.htm