

R-VAN Nozzles



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