

The easy way to water challenging landscapes.

From the curves of a flower bed to the sharp angles of a hardscape, every landscape comes with its share of design obstacles. But the days of watering the mulch or driveway instead of the landscape are long gone, thanks to Rain Bird rotary nozzles. For coverage from 45 degrees to 360 degrees with just two nozzles, you now have the flexibility to efficiently water landscapes of all shapes and sizes.

R-VAN Adjustable Rotary Nozzles

45° to 270° Adjustable Arc



Install R-VAN when you need water-efficient nozzles that accommodate a variety of landscape designs.

- Available in 13-18 ft. (4,0-5,5 m) and 17-24 ft. (5,2-7,3 m) radii
- Hand-adjustable arc and radius
- Pressure range: 20 to 55 psi
- Recommended operating pressure: 45 psi

R-Series Rotary Nozzles

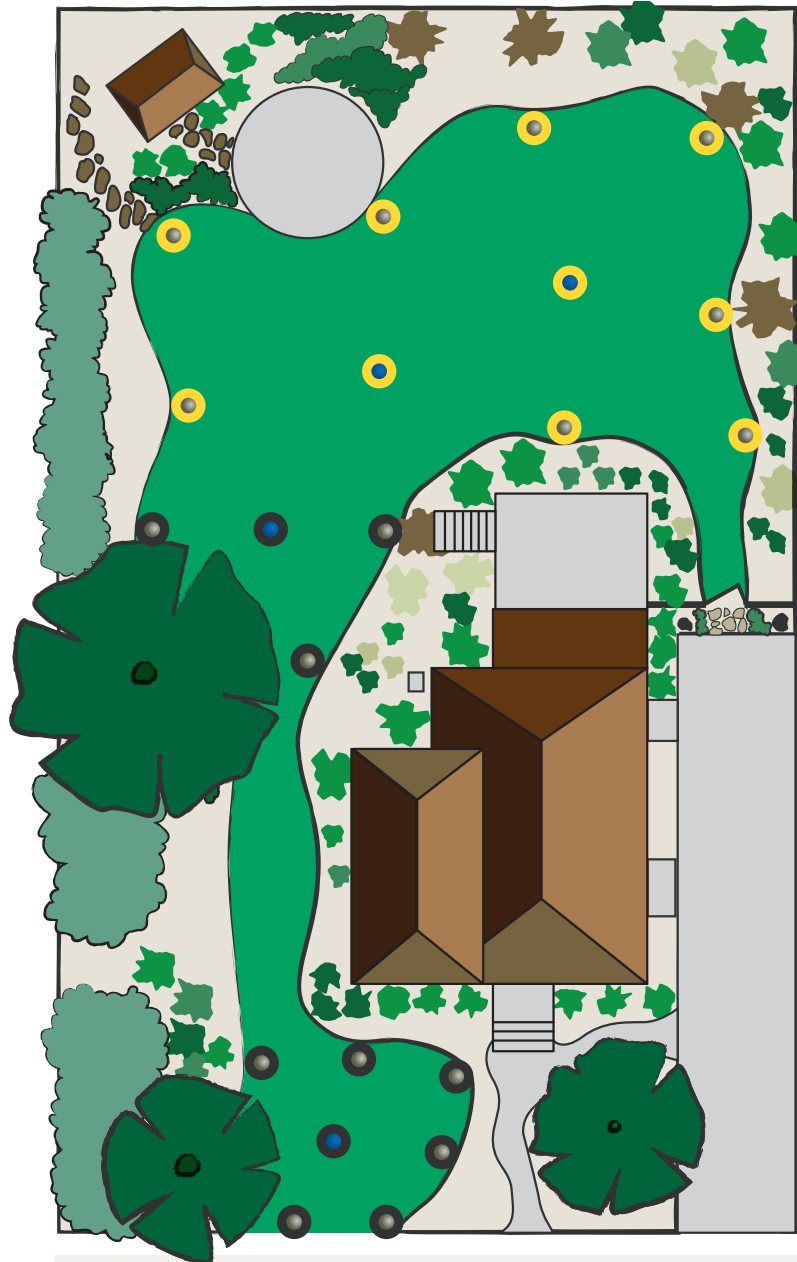
360° Fixed Arc

Install R-Series when you need water-efficient nozzles for those wide open areas that require full 360-degree performance.


- Available in 13-18 ft. (4,0-5,5 m) and 17-24 ft. (5,2-7,3 m) radii
- Stainless steel radius reduction screw
- Pressure range: 20 to 55 psi
- Recommended operating pressure: 45 psi





All the spray patterns you need, right where you need them.





Adjustable Arc




-  R-VAN Nozzles: 17-24 ft. (R-VAN 1724)
-  R-VAN Nozzles: 13-18 ft. (R-VAN 1318)




Fixed Arc


-  R-Series Nozzles: 17-24 ft. (R17-24F)
-  R-Series Nozzles: 13-18 ft. (R13-18F)


R13-18F (Black)						
ARC	Pressure (psi)	Radius* (ft)	Flow (gpm)	■ Precip (in/hr)	▲ Precip (in/hr)	
	360°	20	13	1.31	0.75	0.86
	25	14	1.46	0.67	0.77	
	30	16	1.60	0.61	0.70	
	35	16	1.73	0.61	0.70	
	40	17	1.85	0.61	0.70	
	45	18	1.96	0.61	0.70	
	50	18	2.07	0.61	0.70	
55	18	2.17	0.61	0.70		




R13-18F (Black) METRIC						
ARC	Pressure (bar)	Radius* (m)	Flow (l/m)	■ Precip (mm/h)	▲ Precip (mm/h)	
	360°	1.4	4.0	4.95	19	22
	1.7	4.3	5.53	18	21	
	2.1	4.8	6.06	15	18	
	2.4	5.0	6.54	15	18	
	2.8	5.2	6.99	15	18	
	3.1	5.4	7.42	15	18	
	3.4	5.5	7.82	15	18	
3.8	5.6	8.20	15	18		




R-VAN1318 (Black)						
ARC	Pressure (psi)	Radius* (ft)	Flow (gpm)	■ Precip (in/hr)	▲ Precip (in/hr)	
	270°	20	13	0.95	0.72	0.83
	25	14	1.12	0.69	0.80	
	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	18	1.51	0.60	0.69	
	50	18	1.57	0.60	0.69	
55	18	1.62	0.60	0.69		
	180°	20	13	0.75	0.72	0.83
	25	14	0.83	0.69	0.80	
	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	18	1.01	0.60	0.69	
	50	18	1.07	0.60	0.69	
55	18	1.09	0.60	0.69		
	90°	20	13	0.37	0.72	0.83
	25	14	0.39	0.69	0.80	
	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	18	0.50	0.60	0.69	
	50	18	0.54	0.60	0.69	
55	18	0.58	0.60	0.69		

R-VAN1318 (Black) METRIC						
ARC	Pressure (bar)	Radius* (m)	Flow (l/m)	■ Precip (mm/h)	▲ Precip (mm/h)	
	270°	1.4	4.0	3.60	18	21
	1.7	4.3	4.24	18	20	
	2.1	4.9	4.77	17	19	
	2.4	4.9	5.11	16	19	
	2.8	5.2	5.38	16	18	
	3.1	5.5	5.72	15	18	
	3.4	5.5	5.94	15	18	
3.8	5.5	6.13	15	18		
	180°	1.4	4.0	2.84	18	21
	1.7	4.3	3.14	18	20	
	2.1	4.9	3.22	17	19	
	2.4	4.9	3.44	16	19	
	2.8	5.2	3.71	16	18	
	3.1	5.5	3.82	15	18	
	3.4	5.5	4.05	15	18	
3.8	5.5	4.13	15	18		
	90°	1.4	4.0	1.40	18	21
	1.7	4.3	1.48	18	20	
	2.1	4.9	1.59	17	19	
	2.4	4.9	1.78	16	19	
	2.8	5.2	1.89	16	18	
	3.1	5.5	1.89	15	18	
	3.4	5.5	2.04	15	18	
3.8	5.5	2.20	15	18		

R17-24F (Yellow)						
ARC	Pressure (psi)	Radius* (ft)	Flow (gpm)	■ Precip (in/hr)	▲ Precip (in/hr)	
	360°	20	17	2.45	0.79	0.92
	25	19	2.74	0.71	0.82	
	30	21	3.00	0.65	0.75	
	35	22	3.24	0.65	0.75	
	40	23	3.46	0.65	0.75	
	45	23	3.67	0.65	0.75	
	50	24	3.87	0.65	0.75	
55	24	4.06	0.65	0.75		

R17-24F (Yellow) METRIC						
ARC	Pressure (bar)	Radius* (m)	Flow (l/m)	■ Precip (mm/h)	▲ Precip (mm/h)	
	360°	1.4	5.2	9.27	20	23
	1.7	5.8	10.37	18	21	
	2.1	6.4	11.36	16	19	
	2.4	6.7	12.26	16	19	
	2.8	6.9	13.10	16	19	
	3.1	7.1	13.89	16	19	
	3.4	7.3	14.65	16	19	
3.8	7.4	15.37	16	19		

R-VAN1724 (Yellow)						
ARC	Pressure (psi)	Radius* (ft)	Flow (gpm)	■ Precip (in/hr)	▲ Precip (in/hr)	
	270°	20	17	1.77	0.76	0.88
	25	19	1.99	0.72	0.83	
	30	21	2.26	0.70	0.81	
	35	22	2.39	0.66	0.76	
	40	23	2.55	0.63	0.73	
	45	24	2.73	0.61	0.70	
	50	24	2.76	0.61	0.70	
55	24	2.80	0.61	0.70		
	180°	20	17	1.24	0.76	0.88
	25	19	1.30	0.72	0.83	
	30	21	1.41	0.70	0.81	
	35	22	1.55	0.66	0.76	
	40	23	1.69	0.63	0.73	
	45	24	1.83	0.61	0.70	
	50	24	1.91	0.61	0.70	
55	24	1.98	0.61	0.70		
	90°	20	17	0.59	0.76	0.88
	25	19	0.67	0.72	0.83	
	30	21	0.73	0.70	0.81	
	35	22	0.78	0.66	0.76	
	40	23	0.85	0.63	0.73	
	45	24	0.91	0.61	0.70	
	50	24	0.98	0.61	0.70	
55	24	1.05	0.61	0.70		

R-VAN1724 (Yellow) METRIC						
ARC	Pressure (bar)	Radius* (m)	Flow (l/m)	■ Precip (mm/h)	▲ Precip (mm/h)	
	270°	1.4	5.2	6.70	19	22
	1.7	5.8	7.53	18	21	
	2.1	6.4	8.56	18	21	
	2.4	6.7	9.05	17	19	
	2.8	7.0	9.65	16	18	
	3.1	7.3	10.33	15	18	
	3.4	7.3	10.45	15	18	
3.8	7.3	10.60	15	18		
	180°	1.4	5.2	4.69	19	22
	1.7	5.8	4.92	18	21	
	2.1	6.4	5.34	18	21	
	2.4	6.7	5.87	17	19	
	2.8	7.0	6.40	16	18	
	3.1	7.3	6.93	15	18	
	3.4	7.3	7.23	15	18	
3.8	7.3	7.50	15	18		
	90°	1.4	5.2	2.23	19	22
	1.7	5.8	2.54	18	21	
	2.1	6.4	2.76	18	21	
	2.4	6.7	2.95	17	19	
	2.8	7.0	3.22	16	18	
	3.1	7.3	3.44	15	18	
	3.4	7.3	3.71	15	18	
3.8	7.3	3.97	15	18		