

# Irritrol®



Featuring an exclusive “Smart Grip” head design that requires no tools, Irritrol® Pro-VAN nozzles provide the industry’s easiest 0° to 360° arc adjustment—even when wet—while ensuring precision adjustment for pinpoint coverage. No more dry spots on the lawn. No more wasted water on sidewalks or driveways. Pro-VANs are available in five radii, from 8 to 17 feet, and each allows for up to a 25% radius reduction for even further fine tuning. Plus, because each nozzle is compatible with all Irritrol spray heads, as well as any male-threaded riser in the industry, nozzle inventory can be dramatically reduced. Additional features include a visible left-stop arrow at the top of the nozzle to ensure setting accuracy and color-coding for easy radius identification.

## PRO-VAN SERIES NOZZLES

### FULLY ADJUSTABLE ARC – FROM 0° TO 360°

Reduces inventory by meeting the needs of any size or shape landscape

### PRECISION ADJUSTMENT

Eliminates dry spots on lawns and reduces water waste on sidewalks, etc.

### EXCLUSIVE “SMART GRIP” HEAD DESIGN

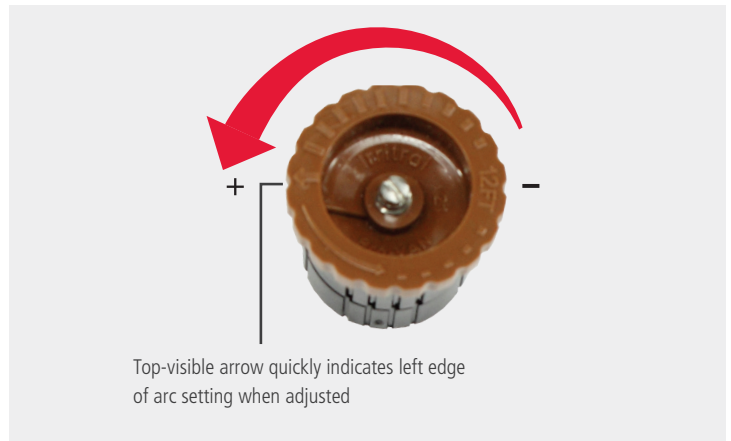
Requires no tools and provides the industry’s easiest arc adjustment – even when wet

### COMPATIBLE WITH ANY MALE-THREADED RISER IN THE INDUSTRY

Reduces inventory requirements

### VISIBLE LEFT-STOP ARROW ON TOP OF NOZZLE

Ensures setting accuracy



VARIABLE ARC NOZZLES

IRRITROL.COM

# PERFORMANCE DATA

## 8' Series with 5° Trajectory

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
360°	20	8	1.72	2.59	2.99
	30	8	2.13	3.20	3.70
	40	9	2.48	3.73	4.31
	50	9	2.78	4.18	4.83
270°	20	8	1.36	2.73	3.15
	30	9	1.65	3.31	3.82
	40	9	1.89	3.79	4.38
180°	20	9	0.87	2.62	3.02
	30	9	1.07	3.22	3.72
	40	9	1.23	3.70	4.27
90°	20	9	0.53	3.19	3.68
	30	10	0.64	3.85	4.45
	40	10	0.72	4.33	5.00
	50	10	0.78	4.69	5.42

## 10' Series with 10° Trajectory

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
360°	20	10	1.98	1.91	2.20
	30	10	2.41	2.32	2.68
	40	11	3.19	3.07	3.55
	50	12	3.59	3.46	3.99
270°	20	10	1.60	2.05	2.37
	30	11	1.95	2.50	2.88
	40	12	2.26	2.89	3.34
180°	20	10	1.13	2.18	2.51
	30	11	1.38	2.66	3.07
	40	12	1.58	3.04	3.51
90°	20	11	0.62	2.39	2.76
	30	12	0.77	2.96	3.42
	40	12	0.89	3.43	3.96
50	13	1.00	3.85	4.45	

## 12' Series with 15° Trajectory

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
360°	20	11	2.26	1.51	1.74
	30	12	2.79	1.86	2.15
	40	13	3.20	2.14	2.47
	50	13	3.62	2.42	2.79
270°	20	11	1.85	1.65	1.90
	30	12	2.29	2.04	2.36
	40	13	2.64	2.35	2.72
180°	20	11	1.33	1.78	2.05
	30	12	1.63	2.18	2.52
	40	13	1.89	2.53	2.92
90°	20	12	0.75	2.01	2.32
	30	13	0.93	2.49	2.87
	40	14	1.06	2.83	3.27
50	14	1.21	3.24	3.74	

## 15' Series with 20° Trajectory

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
360°	20	14	2.76	1.18	1.36
	30	15	3.35	1.43	1.65
	40	15	3.87	1.66	1.91
	50	16	4.31	1.84	2.13
270°	20	14	2.36	1.35	1.55
	30	15	2.89	1.65	1.90
	40	16	3.30	1.88	2.17
180°	20	15	1.70	1.45	1.68
	30	16	2.09	1.79	2.06
	40	16	2.42	2.07	2.39
90°	20	17	2.71	2.32	2.68
	30	16	1.20	2.05	2.37
	40	17	1.40	2.40	2.77
50	17	1.56	2.67	3.08	

## 17' Series with 26° Trajectory

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
360°	20	14	2.90	0.97	1.12
	30	16	3.60	1.20	1.38
	40	17	4.10	1.37	1.58
	50	17	4.60	1.53	1.77
270°	20	14	2.50	1.11	1.28
	30	16	3.10	1.38	1.59
	40	17	3.60	1.60	1.85
180°	20	15	1.90	1.27	1.46
	30	17	2.40	1.60	1.85
	40	17	2.70	1.80	2.08
90°	20	18	3.00	2.00	2.31
	30	17	1.50	2.00	2.31
	40	18	1.70	2.26	2.62
50	18	1.90	2.53	2.92	

- Square spacing based on 50% diameter of throw
- ▲ Triangle spacing based on 50% diameter of throw

## ADDED FEATURES

- Color-coded for easy radius identification
- Pre-assembled at 0°
- Stainless steel radius adjustment screw allows for up to 25% radius reduction
- Five-year warranty

## SPECIFICATIONS

- Flow rate: 0.53 - 4.60 GPM
- Recommended operating pressure range: 20-50 psi
- Maximum operation range: 75 psi

## SPECIFYING INFORMATION

PRO - VAN - XX		
MODEL	ARC	RADIUS
PRO - PRO-VAN Series	VAN - Variable arc	8 - 8' 10 - 10' 12 - 12' 15 - 15' 17 - 17'
Example: A Pro-VAN Series nozzle with a 12' radius = <b>PRO-VAN12</b>		

## MODELS

Model	Description
PRO-VAN8	8' variable arc pattern
PRO-VAN10	10' variable arc pattern
PRO-VAN12	12' variable arc pattern
PRO-VAN15	15' variable arc pattern
PRO-VAN17	17' variable arc pattern

## AVAILABLE IN 5 DIFFERENT RADII



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