

PRO-VAN SERIES

VARIABLE ARC NOZZLES



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 percent 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.

KEY FEATURES & BENEFITS

FULLY ADJUSTABLE ARC FOR ALL NOZZLE SIZES – 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

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	14	2.12	2.83	3.27
	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 ●

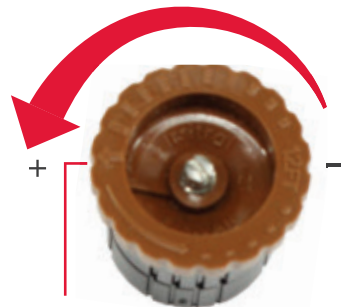
Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
360°	20	14	2.76	1.18	1.36
	30	15	3.35	1.43	1.65
	40	15	3.87	1.66	1.91
	50	16	4.31	1.84	2.13
270°	20	14	2.36	1.35	1.55
	30	15	2.89	1.65	1.90
	40	16	3.30	1.88	2.17
180°	20	15	1.70	1.45	1.68
	30	16	2.09	1.79	2.06
	40	16	2.42	2.07	2.39
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	15	1.20	1.60	1.85
	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



Top-visible arrow quickly indicates left edge of arc setting when adjusted

AVAILABLE IN 5 DIFFERENT RADII



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

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

SPECIFYING INFORMATION

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 = **PRO-VAN12**