Irritrol®

PRO-VAN SERIES

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% 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.

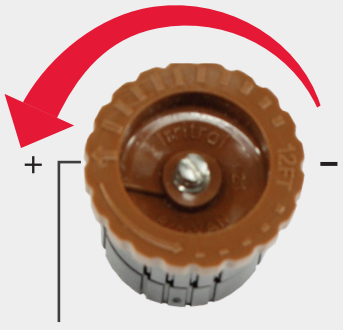
FULLY ADJUSTABLE ARC – FROM 0° TO 360°
Reduces inventory by meeting the needs of any size or shape landscape

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



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

PERFORMANCE DATA

8' Series with 5° Trajectory

Nozzle	Pressure kPa	Radius ft.	Flow LPM	Precip. ■ in/h	Precip. ▲ in/h
360°	138	8	6.51	2.59	2.99
	207	**8**	**8.06**	**3.20**	**3.70**
	276	9	9.39	3.73	4.31
	344	9	10.52	4.18	4.83
270°	138	8	4.92	2.73	3.15
	207	**9**	**6.25**	**3.31**	**3.82**
	276	9	7.15	3.79	4.38
	344	9	8.06	4.27	4.93
180°	138	9	3.03	2.62	3.02
	207	**9**	**4.05**	**3.22**	**3.72**
	276	9	4.66	3.70	4.27
	344	9	5.22	4.15	4.79
90°	138	9	2.01	3.19	3.68
	207	**10**	**2.42**	**3.85**	**4.45**
	276	10	2.73	4.33	5.00
	344	10	2.95	4.69	5.42

10' Series with 10° Trajectory

Nozzle	Pressure kPa	Radius ft.	Flow LPM	Precip. ■ in/h	Precip. ▲ in/h
360°	138	10	7.49	1.91	2.20
	207	**10**	**9.12**	**2.32**	**2.68**
	276	11	12.08	3.07	3.55
	344	12	13.59	3.46	3.99
270°	138	10	6.06	2.05	2.37
	207	**11**	**7.38**	**2.50**	**2.88**
	276	12	8.56	2.89	3.34
	344	12	9.54	3.23	3.73
180°	138	10	4.28	2.18	2.51
	207	**11**	**5.22**	**2.66**	**3.07**
	276	12	5.68	3.04	3.51
	344	12	6.44	3.41	3.93
90°	138	11	2.35	2.39	2.76
	207	**12**	**2.91**	**2.96**	**3.42**
	276	12	3.37	3.43	3.96
	344	13	3.79	3.85	4.45

12' Series with 15° Trajectory

Nozzle	Pressure kPa	Radius ft.	Flow LPM	Precip. ■ in/h	Precip. ▲ in/h
360°	138	11	8.56	1.51	1.74
	207	**12**	**10.56**	**1.86**	**2.15**
	276	13	12.11	2.14	2.47
	344	13	13.7	2.42	2.79
270°	138	11	7.00	1.65	1.90
	207	**12**	**8.67**	**2.04**	**2.36**
	276	13	9.99	2.35	2.72
	344	13	11.28	2.66	3.07
180°	138	11	5.03	1.78	2.05
	207	**12**	**6.17**	**2.18**	**2.52**
	276	13	7.15	2.53	2.92
	344	14	8.03	2.83	3.27
90°	138	12	2.84	2.01	2.32
	207	**13**	**3.52**	**2.49**	**2.87**
	276	14	3.79	2.83	3.27
	344	14	4.54	3.24	3.74

15' Series with 20° Trajectory

Nozzle	Pressure kPa	Radius ft.	Flow LPM	Precip. ■ in/h	Precip. ▲ in/h
360°	138	14	10.45	1.18	1.36
	207	**15**	**12.68**	**1.43**	**1.65**
	276	15	14.65	1.66	1.91
	344	16	16.32	1.84	2.13
270°	138	14	8.93	1.35	1.55
	207	**15**	**10.94**	**1.65**	**1.90**
	276	16	12.49	1.88	2.17
	344	16	12.76	2.13	2.46
180°	138	15	6.44	1.45	1.68
	207	**16**	**7.91**	**1.79**	**2.06**
	276	16	9.16	2.07	2.39
	344	17	10.26	2.32	2.68
90°	138	15	3.75	1.69	1.96
	207	**16**	**4.54**	**2.05**	**2.37**
	276	17	5.29	2.40	2.77
	344	17	5.91	2.67	3.08

17' Series with 26° Trajectory

Nozzle	Pressure kPa	Radius ft.	Flow LPM	Precip. ■ in/h	Precip. ▲ in/h
360°	138	14	10.98	0.97	1.12
	207	**16**	**13.63**	**1.20**	**1.38**
	276	17	15.52	1.37	1.58
	344	17	17.41	1.53	1.77
270°	138	14	9.46	1.11	1.28
	207	**16**	**11.73**	**1.38**	**1.59**
	276	17	13.63	1.60	1.85
	344	17	15.14	1.78	2.05
180°	138	15	7.19	1.27	1.46
	207	**17**	**9.09**	**1.60**	**1.85**
	276	17	10.22	1.80	2.08
	344	18	11.36	2.00	2.31
90°	138	15	4.54	1.60	1.85
	207	**17**	**5.68**	**2.00**	**2.31**
	276	18	6.44	2.26	2.62
	344	18	7.99	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: 2.0 - 17.41 LPM
- Recommended operating pressure range: 138 - 345 kPa
- Maximum operation range: 517 kPa

MODELS

Model	Description
PRO-VAN8	2.4m Green Top V/Arc Nozzle
PRO-VAN10	3.0m Blue Top V/Arc Nozzle
PRO-VAN12	3.7m Brown Top V/Arc Nozzle
PRO-VAN15	4.6m Black Top V/Arc Nozzle
PRO-VAN17	5.2m Grey Top V/Arc Nozzle

AVAILABLE IN 5 DIFFERENT RADII

TORO®

Irritrol®