Irritrol PRO VAN VARIABLE ARC NOZZLES

Featuring an exclusive "Smart Grip" adjustment feature, these variable arc nozzles offer the utmost in convenience, as well as reliable, precise performance for any application.

FEATURES & BENEFITS

Full Adjustable Arc - from 0° to 360°
Reduces inventory by meeting the needs of any size or shape landscape.

Precision Adjustment
Eliminates dry spots on lawn edges 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.

Visible Right-Stop Arrow on Top of Nozzle
Ensure setting accuracy.

Compatible with any Male-Threaded Riser in the Industry
Reduces inventory requirements.

Removable Filter
Reduces the risk of blockages.

SPECIFICATIONS

Flow Rate: 2.0-17.4 Lpm

Trajectories:
- PRO-VAN8 5°
- PRO-VAN10 10°
- PRO-VAN12 15°
- PRO-VAN15 20°
- PRO-VAN17 25°

Warranty Period
5-Years

PRO-VAN8: Green

PRO-VAN10: Blue

PRO-VAN12: Brown

PRO-VAN15: Black

PRO-VAN17: Grey

PRO-VAN8 - 8'

Model	Pressure kPa	Radius m	Flow Lpm	Precip. □ mm/h	Precip. △ mm/h
360°	137	2.4	6.51	65.8	75.9
	206	2.4	8.06	81.3	94.0
	275	2.7	9.39	94.7	109.5
	345	2.7	10.51	106.2	122.7
270°	137	2.1	5.15	69.3	80.0
	206	2.7	6.25	84.1	97.0
	275	2.7	7.15	96.3	111.3
	345	2.7	8.06	108.5	125.2
180°	137	2.7	3.29	66.5	76.7
	206	2.7	4.05	81.8	94.5
	275	2.7	4.66	94.0	108.5
	345	2.7	5.22	105.4	121.7
90°	137	2.7	2.00	81.0	93.5
	206	3.0	2.42	97.8	113.0
	275	3.0	2.73	110	127.0
	345	3.0	2.95	119.1	137.7

PRO-VAN15 - 15'

Model	Pressure kPa	Radius m	Flow Lpm	Precip. □ mm/h	Precip. △ mm/h
360°	137	4.3	10.45	30.0	34.5
	206	4.6	12.68	36.3	41.9
	275	4.6	14.65	42.2	48.5
	345	4.9	16.32	46.7	54.1
270°	137	4.3	8.93	34.3	39.4
	206	4.6	10.83	41.9	48.3
	275	4.9	12.49	47.8	55.1
	345	4.9	14.12	54.1	62.5
180°	137	4.6	6.44	36.8	42.7
	206	4.9	7.91	45.5	52.3
	275	4.9	9.16	52.6	60.7
	345	5.2	10.26	58.9	68.1
90°	137	4.6	3.75	42.9	49.8
	206	4.9	4.54	52.1	60.2
	275	5.2	5.30	61.0	70.4
	345	5.2	5.91	67.8	78.2

PRO-VAN10 - 10'

Model	Pressure kPa	Radius m	Flow Lpm	Precip. □ mm/h	Precip. △ mm/h
360°	137	3.0	7.50	48.5	55.9
	206	3.0	9.12	58.9	68.1
	275	3.4	12.08	78.0	90.2
	345	3.7	13.59	87.9	101.3
270°	137	3.0	6.06	52.1	60.2
	206	3.4	7.38	63.5	73.2
	275	3.7	8.56	73.4	84.8
	345	3.7	9.54	82.0	94.7
180°	137	3.0	4.28	55.4	63.8
	206	3.4	5.22	67.6	78.0
	275	3.7	5.98	77.2	89.2
	345	3.7	6.70	86.6	99.8
90°	137	3.4	2.35	60.7	70.1
	206	3.7	2.91	75.2	86.9
	275	3.7	3.37	87.1	100.6
	345	4.0	3.79	97.8	113.0

PRO-VAN17 - 17'

Model	Pressure kPa	Radius m	Flow Lpm	Precip. □ mm/h	Precip. △ mm/h
360°	137	4.3	10.99	24.6	28.4
	206	4.9	13.64	30.5	35.1
	275	5.2	15.54	34.8	40.1
	345	5.2	17.43	38.9	45.0
270°	137	4.3	9.48	28.2	32.5
	206	4.9	11.75	35.1	40.4
	275	5.2	13.64	40.6	47.0
	345	5.2	15.16	45.2	52.1
180°	137	4.6	7.20	32.3	37.1
	206	5.2	9.10	40.6	47.0
	275	5.2	10.23	45.7	52.8
	345	5.5	11.37	50.8	58.7
90°	137	4.6	4.55	40.6	47.0
	206	5.2	5.69	50.8	58.7
	275	5.5	6.44	57.4	66.5
	345	5.5	7.20	64.3	74.2

PRO-VAN12 - 12'

Model	Pressure kPa	Radius m	Flow Lpm	Precip. □ mm/h	Precip. △ mm/h
360°	137	3.4	8.56	38.4	44.2
	206	3.7	10.56	47.2	54.6
	275	4.0	12.11	54.4	62.7
	345	4.0	13.70	61.5	70.9
270°	137	3.4	7.00	41.9	48.3
	206	3.7	8.67	51.8	59.9
	275	4.0	9.99	59.7	69.1
	345	40	11.28	67.6	78.0
180°	137	3.4	5.03	45.2	52.1
	206	3.7	6.17	55.4	64.0
	275	4.0	7.15	64.3	74.2
	345	4.3	8.03	71.9	83.1
90°	137	3.7	2.84	51.1	58.9
	206	4.0	3.52	63.2	72.9
	275	4.3	4.13	71.9	83.1
	345	4.3	4.58	82.3	95.0

□ *Square spacing based on 50% diameter of throw*
△ *Equilateral Triangular spacing based on 50% diameter of throw*

Ordering Information

Code	Description
PRO-VAN8	2.4 m Green Top Variable Arc Nozzle. Suit "HS" and "SLP" Series
PRO-VAN10	3.0 m Blue Top Variable Arc Nozzle. Suit "HS" and "SLP" Series
PRO-VAN12	3.7 m Brown Top Variable Arc Nozzle. Suit "HS" and "SLP" Series
PRO-VAN15	4.6 m Black Top Variable Arc Nozzle. Suit "HS" and "SLP" Series
PRO-VAN17	5.2 m Grey Top Variable Arc Nozzle. Suit "HS" and "SLP" Series