

Irritrol Rotary Nozzles



The New Irritrol Rotary Nozzles allow to manage the irrigation of green areas, thanks to an innovative internal system that it allows to obtain flow rate and radius that assure a considerable water saving.



N-R360
Full Circle

IPN-RADJ
Adjustable Arc

2 MODELS:

Full Circle → 360°

Adjustable Arc → 45°- 270°



FEATURES

- ✓ Gear driven system
- ✓ Consistent speed of rotation not affected by pressure
- ✓ Matched precipitation rate of 14 mm/hr
- ✓ Consistent uniformity
- ✓ Easy arc adjustment
- ✓ Pre-attached screen for easy installation
- ✓ Radius reduction up to 25%
- ✓ Maintains precipitation rate as radius is reduced
- ✓ Maximum height of 20° trajectory to fight through wind
- ✓ Color coded to identify adjustable or full circle



SPECIFICATIONS:

Radius range: from 4,3 to 8,0 m

Operating pressure range: from 1,7 to 5,2 bar

Flow rate range: from 0,68 to 15,82 l/min



CODE

IPN-R360	Full circle nozzle 360°
IPN-RADJ	Adjustable arc nozzle 45°-270°

PERFORMANCE

Pressure (bar)	Arc	Flow Rate (l/min)	Radius (m)	Precipitation (mm/h)	
				Square	Triangular
1,7	45°	0,68	4,3	17,65	20,38
	90°	1,7	4,9	16,99	19,62
	120°	1,93	4,9	14,47	16,71
	180°	2,88	4,6	16,33	18,86
	240°	4,24	4,6	18,03	20,82
	270°	4,09	4,3	17,7	20,43
	360°	6,85	4,6	19,42	22,43
2,4	45°	0,95	4,9	18,99	21,93
	90°	2,04	5,8	14,55	16,81
	120°	2,88	6,1	13,93	16,09
	180°	3,94	5,8	14,05	16,23
	240°	5,49	5,8	14,69	16,96
	270°	5,19	5,5	13,73	15,85
	360°	8,9	5,8	15,87	18,33

PERFORMANCE

Pressure (bar)	Arc	Flow Rate (l/min)	Radius (m)	Precipitation (mm/h)	
3,1	45°	1,55	5,8	22,12	25,54
	90°	2,54	6,7	13,58	15,68
	120°	3,48	7	12,78	14,76
	180°	4,96	6,7	13,26	15,31
	240°	6,36	6,4	13,97	16,14
	270°	6,93	6,4	13,54	15,63
	360°	11,96	6,7	15,99	18,46
3,8	45°	1,74	6,1	22,45	25,92
	90°	2,84	7	13,91	16,06
	120°	3,79	7,3	12,8	14,78
	180°	5,53	7	13,54	15,64
	240°	7,15	6,7	14,34	16,55
	270°	8,06	6,7	14,36	16,59
	360°	13,55	7	16,59	19,16
4,5	45°	1,21	6,1	15,61	18,02
	90°	3,14	7,6	13,05	15,07
	120°	4,2	7,6	13,09	15,11
	180°	6,25	7,6	12,98	14,99
	240°	7,87	7	14,46	16,69
	270°	8,93	7,3	13,41	15,48
	360°	14,61	7,3	16,45	18,99
5,2	45°	1,32	6,7	14,11	16,3
	90°	3,37	7,9	12,96	14,96
	120°	4,47	7,6	13,93	16,09
	180°	6,7	7,9	12,88	14,88
	240°	8,52	7,3	14,39	16,62
	270°	9,88	7,6	13,68	15,8
	360°	15,82	7,6	16,43	18,98