

I-PRO™ NOZZLE

MPR Nozzles

Irritrol's new I-PRO™ nozzles with Matched Precipitation Rate are designed to simplify your design process while delivering the precision performance you've come to expect. An I-PRO MPR nozzle ensures even water distribution within an arc family allowing for accurate control of precipitation rate, radius and flow. Run-off and over-watering are both dramatically reduced. And compared to the competition, these I-PRO nozzles give a lower on-average precipitation and flow rate adding greater irrigation efficiency. Color-coded on top for quick radius identification, users will be able to easily verify proper nozzle installation – whether the system is on or off. Available in 5 radius sizes and 6 arc settings*, I-PRO nozzles are female-threaded and include a ribbed-edge design for a non-slip grip. Compatible with all Irritrol spray heads as well as any male-threaded riser in the industry, Irritrol's newest nozzle series are just the right nozzles to get the job done.

Key features & benefits

- Matched Precipitation Rate
Ensures even water distribution within each family
- Low-flow rates
Allow for more sprinklers to be installed on the same zone
- Color-coded top
For quick and easy radius identification
- Female-threaded
Compatible with any male-threaded riser in the industry
- Ribbed-edge design
Provides for a non-slip grip

Added features

- Stainless steel radius adjustment screw allows for up to 25% in-field reduction

* 5', 8' and 10' nozzles are not available in TT and TQ arc settings



I-PRO™ Nozzle



Specifications





- Flow rate: 0,19 - 17,33 l/min.
- Recommended operating pressure range: 1,5-3,5 bar
- Maximum operating pressure range: 5 bar







Performance Data

Arc	Code	Pres. Bar	Flow l/min	Radius m
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5'

	IPN-5-Q	1,5	0,21	1,2
		2,0	0,38	1,5
		2,5	0,50	1,8
		3,0	0,55	1,7
		3,5	0,63	1,8
	IPN-5-T	1,5	0,29	1,2
		2,0	0,49	1,5
		2,5	0,66	1,8
		3,0	0,71	1,7
		3,5	0,82	1,8
	IPN-5-H	1,5	0,40	1,2
		2,0	0,76	1,5
		2,5	0,92	1,8
		3,0	1,00	1,7
		3,5	1,08	1,8
	IPN-5-F	1,5	0,09	1,2
		2,0	1,55	1,5
		2,5	1,84	1,8
		3,0	2,00	1,7
		3,5	2,16	1,8

8'







	IPN-8-Q	1,5	0,70	2,1
		2,0	0,98	2,4
		2,5	1,07	2,7
		3,0	1,16	2,6
		3,5	1,19	2,7
	IPN-8-T	1,5	0,99	2,1
		2,0	1,29	2,4
		2,5	1,54	2,7
		3,0	1,68	2,6
		3,5	1,72	2,7
	IPN-8-H	1,5	1,46	2,1
		2,0	1,97	2,4
		2,5	2,28	2,7
		3,0	2,48	2,6
		3,5	2,56	2,7
	IPN-8-F	1,5	2,91	2,1
		2,0	3,94	2,4
		2,5	4,57	2,7
		3,0	4,97	2,6
		3,5	5,12	2,7

10'







	IPN-10-Q	1,5	1,14	2,7
		2,0	1,51	3,0
		2,5	1,89	3,4
		3,0	2,06	3,5
		3,5	2,27	3,7
	IPN-10-T	1,5	1,62	2,7
		2,0	2,01	3,0
		2,5	2,51	3,4
		3,0	2,73	3,5
		3,5	2,89	3,7
	IPN-10-H	1,5	2,35	2,7
		2,0	3,07	3,0
		2,5	3,67	3,4
		3,0	3,99	3,5
		3,5	4,28	3,7
	IPN-10-F	1,5	4,62	2,7
		2,0	6,21	3,0
		2,5	6,71	3,4
		3,0	7,30	3,5
		3,5	7,71	3,7

Arc	Code	Pres. Bar	Flow l/min	Radius m
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12'

	IPN-12Q	1,5	1,73	3,4
		2,0	2,16	3,7
		2,5	2,59	4,0
		3,0	2,82	4,0
		3,5	2,72	4,0
	IPN-12T	1,5	2,25	3,4
		2,0	2,84	3,7
		2,5	3,43	4,0
		3,0	3,73	4,0
		3,5	3,82	4,0
	IPN-12H	1,5	3,79	3,4
		2,0	4,35	3,7
		2,5	5,19	4,0
		3,0	5,65	4,0
		3,5	6,19	4,0
	IPN-12TT	1,5	4,53	3,4
		2,0	5,87	3,7
		2,5	6,6	4,0
		3,0	7,17	4,0
		3,5	7,28	4,0
	IPN-12TQ	1,5	4,41	3,4
		2,0	6,51	3,7
		2,5	6,93	4,0
		3,0	7,54	4,0
		3,5	7,56	4,0
	IPN-12F	1,5	6,58	3,4
		2,0	8,63	3,7
		2,5	9,26	4,0
		3,0	10,07	4,0
		3,5	10,6	4,0

15'

	IPN-15Q	1,5	2,76	4,3
		2,0	3,44	4,6
		2,5	4,21	4,9
		3,0	4,58	4,9
		3,5	4,98	4,9
	IPN-15T	1,5	3,89	4,3
		2,0	4,5	4,6
		2,5	5,32	4,9
		3,0	5,79	4,9
		3,5	5,94	4,9
	IPN-15H	1,5	5,72	4,3
		2,0	6,89	4,6
		2,5	8,43	4,9
		3,0	9,17	4,9
		3,5	8,94	4,9
	IPN-15TT	1,5	7,38	4,3
		2,0	9,12	4,6
		2,5	11,0	4,9
		3,0	12,0	4,9
		3,5	11,8	4,9
	IPN-15TQ	1,5	8,44	4,3
		2,0	10,4	4,6
		2,5	12,1	4,9
		3,0	13,11	4,9
		3,5	13,7	4,9
	IPN-15F	1,5	11,2	4,3
		2,0	14,1	4,6
		2,5	16,5	4,9
		3,0	17,92	4,9
		3,5	18,0	4,9