

### I-PRO™ Series

#### Pop Up Spray 3", 4", 6" and 12" models

Irritrol's new I-PRO™ Series spray heads combine a pressure-activated wiper seal and advanced formula lubricant that virtually eliminates troublesome stick ups. Add a unique tapered lip design that prevents debris from entering the body and you have a spray head with superior performance. It's rugged and reliable with a textured body style for a non-slip grip and even easier installation. I-PRO offers a 4" replacement riser that allows a complete retrofit without having to purchase the body – it even fits Rain Bird's 1804 spray. Available in four pop-up heights with side inlet, pressure regulation and check valve options, the I-PRO Series fits most landscape applications.



I-PRO™ Series

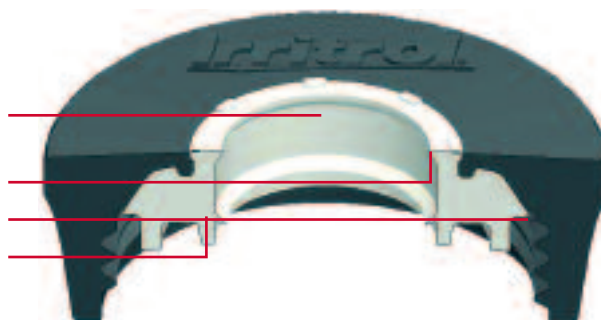
### Key features & benefits

- **Pressure-activated seal with lubricant additive**  
Cleans debris from stem, reduces flow-by during pop-up and prevents leaking between cap and body. Extra lubricant additive further eliminates stick-ups
- **Pre-installed in-riser pressure regulator (optional)**  
Maintains optimum nozzle performance at 2 bar and eliminates misting in varying pressure applications
- **Pre-installed check valve (optional)**  
Prevents low-head drainage, eliminating flood or erosion damage by keeping water in lateral pipes in elevation changes up to 3,3 mt
- **Retrofittable riser**  
Fits Rain Bird® 1800® Series body
- **Sturdy and robust, textured body**  
Provides for easy installation with a non-slip grip
- **Side and bottom inlets on 6" and 12" (6" also available in non-side inlet)**  
Reduces installation time
- **Heavy-duty, stainless steel retraction spring**  
Ensures positive pop-down
- **Male-threaded riser**  
Compatible with any female-threaded nozzle in the industry
- **Pre-installed flush plug**  
Makes system flushing a breeze and allows easy nozzle installation
- **Ratcheting riser**  
Two-piece mechanism permits easy arc adjustment in the field while sprinkler is operating



### Superior performing wiper seal

- Additional lubricant additive further eliminates stick-ups
- Tapered lip design prevents the intrusion of debris
- Lip creates positive seal to prevent body to cap leaks
- Pressure-activated lip seal ensures a positive seal around the riser and reduces "flow-by"



### Replacement riser available (4" only)

Why pay for a body you're just going to throw away? I-PRO offers a 4" replacement riser that is everything but the body! Ideal for maintenance, this spray also fits right in the can of Rain Bird's 1804 spray for an easy retrofit. With features that are contractor-driven and field-proven, the I-PRO Series is sure to save you time and money.



### Specifying information

Model	Height	Side inlet	Pressure regulator	Check Valve
I-PRO300	3" / 7,5 cm	No	No	No
I-PRO400	4" / 10 cm	No	No	No
I-PRO400-CV	4" / 10 cm	No	No	Yes
I-PRO400-PR	4" / 10 cm	No	Yes	No
I-PRO400-PR-CV	4" / 10 cm	No	Yes	Yes
I-PRO600	6" / 15 cm	No	No	No
I-PRO600-CV	6" / 15 cm	No	No	Yes
I-PRO600-PR	6" / 15 cm	No	Yes	No
I-PRO600-PR-CV	6" / 15 cm	No	Yes	Yes
I-PRO600-SI	6" / 15 cm	Yes	No	No
I-PRO600-SI-PR	6" / 15 cm	Yes	Yes	No
I-PRO1200-SI	12" / 30 cm	Yes	No	No
I-PRO1200-SI-CV	12" / 30 cm	Yes	No	Yes
I-PRO1200-SI-PR	12" / 30 cm	Yes	Yes	No
I-PRO1200-SI-PR-CV	12" / 30 cm	Yes	Yes	Yes

#### Replacement Spray head

I-PRO400R	4" / 10 cm	No	No	No
I-PRO400R-CV	4" / 10 cm	No	No	Yes
I-PRO400R-PR	4" / 10 cm	No	Yes	No
I-PRO400R-PR-CV	4" / 10 cm	No	Yes	Yes

### Complete family offering

Available in four pop-up heights with side inlet, pressure regulation and check valve options, I-PRO is a spray series for most landscape applications.

### Specifications

- Inlet size: 1/2" female threads
- Exposed diameter: 5,6 cm
- Working pressure 1,5-3,5 bars (5 bars maximum)
  - CV: 1,7-3,4 bar (max 5 bar)
  - PR: 2-4,8 bar (max 5 bar)
- Body diameter: 4 cm
- Body Height:
  - I-PRO300: 12,5 cm
  - I-PRO400: 14,6 cm
  - I-PRO600: 23,5 cm
  - I-PRO1200-SI: 40,5 cm
- Side inlet:
  - 11 cm (from center of side inlet to top of cap)

### Optional accessories

- Recycled-water indicator cap (I-PRO-NPC)

#### I-PRO™ Nozzles 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.



I-PRO™ Nozzle



#### 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


























#### Specifications

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

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

### I-PRO™ NOZZLE

#### Performance Data

Arc	Code	Pres. Bar	Flow l/min	Radius m
<b>5'</b>				
	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
	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
	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
	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
<b>8'</b>				
	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
	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
	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
	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
<b>10'</b>				
	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
	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
	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
	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
<b>12'</b>				
	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
	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
	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
	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
	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
	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
<b>15'</b>				
	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
	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
	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
	IPN-15TT	1,5	7,38	4,3
		2,0	9,12	4,6
		2,5	11	4,9
		3,0	12,0	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
	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
<b>18'</b>				
	IPN-18Q	1,5	18,0	4,9
		2,0		
		2,5		
		3,0		

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