

# Hunter®

The Irrigation Innovators



9 cm Pop-up



9 cm High-Speed Pop-up



9 cm Opposing Nozzle Pop-up



15 cm Pop-up



15 cm High-Speed Pop-up



15 cm Opposing Nozzle Pop-up

## I-41

*The top choice at sports facilities worldwide, a winner for parks and commercial sites as well*

**W**ith its unparalleled ability to deliver water accurately and efficiently at distances up to 22 meters, our top-of-the-line commercial rotor has become the sprinkler of choice at stadiums, diamonds, practice fields, and other playing surfaces the world over...not to mention, parks, campuses, and commercial sites, too! And why has it become such a favorite? Features,

features, features. From the ProTech™ safety system to secondary nozzles that offer exceptional mid-range and close-in coverage, from a stainless steel riser to a heavy-duty retraction spring, from a factory-installed drain check valve with a 4.6 meter check height to convenient through-the-top arc adjustment...if you've got a lot of turf to take care of, we've got a lot of sprinkler to help you do the job.

### Features & Benefits



#### ProTech™ safety system

Small exposed heavy duty rubber cover and boot keeps playing areas safe

#### Primary nozzle system: 6 interchangeable nozzles

Uniform coverage with radius from 14 to 22 meters

#### Dual opposing nozzle full-circle option

Superior coverage for maximum efficiency

#### Easy arc adjustment (40°–360°)

Up, down, wet, or dry with through-the-top convenience

#### Stainless steel riser and super-strong spring

For long-term positive retraction

#### Proven water-lubricated gear drive

Time-tested and now improved for even longer life

#### Patented VStat® self adjusting stator

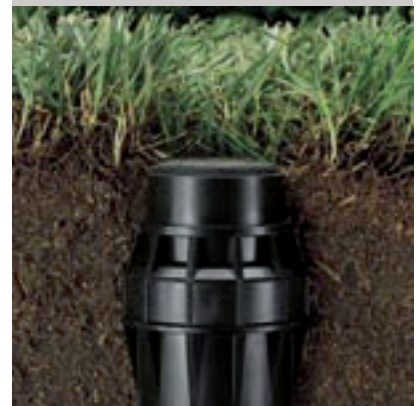
No stator rings required, drives with more power and adds years to sprinkler life

#### Drain check valve for up to 4.6 meters elevation change

Saves water, reduces liability

### The ProTech™ Safety System for the Ultimate in Player Protection

*When it comes to safety at sport facilities, the less exposed surface area on your rotors, the more safe that playing surface will be. With the ProTech safety system, the revealed portion of our heavy duty rubber cover is the smallest possible size, minimizing the contact with athletic participants or children at play. And, with a rubber boot that surrounds the rubber cover, there are no metal or hard plastic components close to the surface. The entire top of our I-31 Plus and I-41 commercial rotors are both flexible and user friendly.*



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## Models

- I-41 – 9 cm Heavy-duty rotor
- I-43 – 9 cm High-speed heavy-duty rotor
- I-41-6P – 15 cm Heavy-duty rotor
- I-43-6P – 15 cm High-speed heavy-duty rotor

## Dimensions

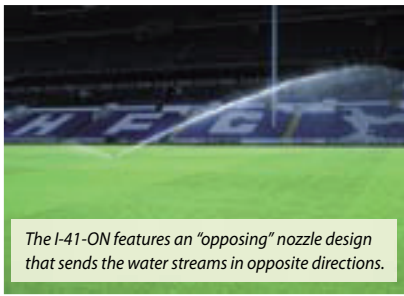
- I-41, I-43 Overall height: 20 cm
- I-41-6P, I-43-6P Overall height: 26 cm
- Female inlet: 1" NPT or BSP
- Exposed diameter: 5 cm

## Operating Specifications

- Discharge rate: 1.59 to 6.4 m<sup>3</sup>/hr; 26.5 to 106.7 l/min
- Radius for I-41, I-41-6P: 13.7 to 21.3 m
- Radius for I-41-ON, I-41-6P-ON: 15.8 to 23.2 m
- Radius for I-43, I-43-6P: 12.5 to 19.8 m
- Recommended pressure range: 3.4 to 5.5 bars; 344 to 551 kPa
- Operating pressure range: 2.8 to 6.9 bars; 275 to 689 kPa
- Precipitation rates: approximately 8 to 12 mm per hour
- Nozzle trajectory: 25°

## Options Available

- The turf cup kit (part # 460000) for the I-41 or I-43 sprinkler allows the addition of a plug of living sod to the top of the riser. Perfect for areas where an invisible sprinkler is required.
- High-speed version (I-43, I-43-6P)
- Dual opposing nozzle (full-circle version) I-41-36S-ON, I-41-6P-36S-ON
- Reclaimed water cover
- Factory-installed nozzles



The I-41-ON features an "opposing" nozzle design that sends the water streams in opposite directions.

## The Triple Nozzle System: Unsurpassed Coverage



The wind-resistant design of the I-41's triple nozzle system delivers distribution uniformity that is unsurpassed in its class. Six free interchangeable main stream nozzles accurately go the distance up to 21 meters, while two built-in secondary nozzles provide complete mid-range and close-in coverage. The result is that test after test, year after year, at facilities the world over, no other sprinkler can deliver the level of performance like Hunter's top-of-the-line rotor. For maximum water efficiency—and no brown spots—three nozzles makes this one rotor too good.

## I-43: When Speed is the Need



For quick, light wetdowns of clay tennis courts, baseball infields, any areas that require dust control, or normal turf applications, Hunter offers the I-43. This high-speed version of the I-41 cuts rotation time from three minutes down to one.

### I-41 Nozzle Performance Data – Metric

Nozzle	Pressure Bars	kPa	Radius m	Flow m <sup>3</sup> /hr	l/min	Precip mm/hr	
						■	▲
40	2.8	275	13.7	1.59	26.5	17	20
	3.4	344	14.0	1.82	30.3	18	21
	4.1	413	14.0	1.93	32.2	20	23
41	3.4	344	15.2	2.32	38.6	20	23
	4.1	413	15.5	2.52	42.0	21	24
	4.8	482	15.8	2.75	45.8	22	25
42	3.4	344	16.2	2.98	49.6	21	24
	4.1	413	16.2	2.79	46.6	21	25
	4.8	482	16.8	2.98	49.6	21	24
43	3.4	344	17.1	3.07	51.1	21	24
	4.1	413	17.4	3.43	57.2	23	26
	4.8	482	18.0	3.66	60.9	23	26
44	3.4	344	18.6	3.97	66.2	23	27
	4.1	413	19.2	4.54	75.7	25	28
	4.8	482	19.8	4.95	82.5	25	29
45	3.4	344	20.1	5.31	88.6	26	30
	4.1	413	20.4	5.66	94.2	27	31
	4.8	482	20.7	5.61	85.9	25	29
45	4.8	482	20.7	5.61	93.5	26	30
	5.5	551	21.0	6.00	99.9	27	31
	6.2	620	21.3	6.40	106.7	28	32

### I-43 Nozzle Performance Data – Metric

Nozzle	Pressure Bars	kPa	Radius m	Flow m <sup>3</sup> /hr	l/min	Precip mm/hr	
						■	▲
40	2.8	275	12.5	1.59	26.5	20	24
	3.4	344	12.8	1.82	30.3	22	26
	4.1	413	12.8	1.93	32.2	24	27
41	3.4	344	13.4	2.32	38.6	26	30
	4.1	413	13.4	2.52	42.0	28	32
	4.8	482	13.7	2.75	45.8	29	34
42	3.4	344	14.0	2.95	49.2	30	35
	4.1	413	14.3	2.79	46.6	27	31
	4.8	482	14.9	2.98	49.6	27	31
43	3.4	344	15.5	3.07	51.1	25	29
	4.1	413	15.9	3.43	57.2	27	32
	4.8	482	15.9	3.66	60.9	29	34
44	3.4	344	16.2	3.97	66.2	30	35
	4.1	413	17.7	4.54	75.7	29	34
	4.8	482	17.7	4.95	82.5	32	37
45	3.4	344	18.3	5.31	88.6	32	37
	4.1	413	18.3	5.66	94.2	34	39
	4.8	482	18.9	5.61	93.5	31	36
45	4.8	482	18.9	5.61	93.5	31	36
	5.5	551	19.5	6.00	99.9	32	36
	6.2	620	19.8	6.40	106.7	33	38

Note: All precipitation rates are calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

### I-41 Dual Opposing Nozzle Performance Data – Metric

Nozzle	Pressure Bars	kPa	Radius m	Flow m <sup>3</sup> /hr	l/min	Precip mm/hr	
						■	▲
15 Gray	3.4	344	15.8	2.95	49.2	12	14
	4.1	413	16.5	3.00	50.0	11	13
	4.8	482	17.1	3.27	54.5	11	13
18 Red	3.4	344	17.4	3.52	58.7	12	13
	4.1	413	17.7	3.11	51.9	10	11
	4.1	413	18.0	3.45	57.5	11	12
20 Dk. Brown	4.8	482	18.3	3.77	62.8	11	13
	5.5	551	18.9	4.04	67.4	11	13
	4.1	413	19.2	4.34	72.3	12	14
23 Dk. Green	4.8	482	19.5	4.75	79.1	12	14
	5.5	551	20.1	5.06	84.4	13	14
	6.2	620	20.1	5.43	90.5	13	15
25 Dk. Blue*	4.1	413	19.8	4.63	77.2	12	14
	4.8	482	20.1	5.06	84.4	13	14
	5.5	551	20.4	5.45	90.8	13	15
28 Black	6.2	620	20.7	5.81	96.9	14	16
	4.1	413	20.1	5.00	83.3	12	14
	4.8	482	20.7	5.45	90.8	13	15
28 Black	5.5	551	21.0	5.88	98.0	13	15
	6.2	620	22.6	7.47	124.5	15	17
	6.9	689	23.2	7.65	127.6	14	16

\* Factory-installed nozzle

Note: All precipitation rates calculated for 360 degree operation.

## SPECIFICATION GUIDE

EXAMPLE: **I-41 - ADS - 43**

MODEL	FEATURES	OPTIONS
I-41 = 9 cm Pop-up	ADS, 36S, ARS, 3RS, 36S-ON, 3RS-ON	XX = Standard Set of 5 Nozzles 40 – 45 = Factory-Installed Nozzle Number (Models ADS, 36S, ARS, 3RS) 15 – 28 = Factory-Installed Nozzle Number (Models 36S-ON, 3RS-ON)
I-43 = 9 cm High-Speed Pop-up	ADS, 36S, ARS, 3RS	
I-41-6P = 15 cm Pop-up	ADS, 36S, ARS, 3RS, 36S-ON, 3RS-ON	
I-43-6P = 15 cm High-Speed Pop-up	ADS, 36S, ARS, 3RS	

### KEY TO FEATURES:

- ADS = Adjustable Arc, Stainless Steel Riser, with Check Valve
- 36S = Full-Circle, Stainless Steel Riser, with Check Valve
- ARS = Adjustable with Check Valve, Reclaimed Water and Stainless Steel Riser
- 3RS = Full-Circle, Reclaimed Water, Stainless Steel Riser, with Check Valve
- 36S-ON = Full-Circle, Dual Opposing Nozzle, Stainless Steel Riser, with Check Valve
- 3RS-ON = Full-Circle, Dual Opposing Nozzle, Reclaimed Water ID, Stainless Steel Riser, with Check Valve

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