

Hunter®

I-41 Rotary Sprinklers



I-41

**Hunter's
Top-of-
the-Line
Rotor for
Commercial &
Recreational
Sites**

Possessing an ability to deliver water accurately and efficiently at distances up to 23 meters, our top-of-the-line commercial rotor has earned the distinction of being the number one choice at sports facilities the world over. But the I-41 is not only a favorite at stadiums, courts, practice fields and other playing surfaces, the long

distance specialist is also a proven performer at parks and commercial sites as well. It's no wonder why with features like the ProTech™ safety system, two secondary nozzles that offer exceptional mid-range and close-in coverage, a stainless steel riser, the factory-installed drain check valve, and a self-adjusting variable stator that enhances the life of the gear drive.

FEATURES & BENEFITS



NEW dual opposing nozzle full-circle option

Superior coverage like a golf sprinkler

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 13.7 to 22.6 meters

Easy arc adjustment (40° – 360°)

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

Stainless steel riser and spring

For long term positive retraction

Proven gear drive

Time-tested and now improved for even longer life

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



Models

- I-41 – Standard
- I-43 – High Speed
- I-41-ON – Dual Opposing Nozzle, Full-Circle

Dimensions

- Overall height:
I-41 – 20 cm
I-43 – 20 cm
I-41-ON – 20.3 cm
- 1" (25 mm) female BSP inlet
- Pop-up height:
I-41 – 9 cm
I-43 – 9 cm
I-41-ON – 9 cm
- Exposed diameter: 5 cm

Operating Specifications

- Discharge rate:
1.59 to 6.25 m³/hr;
26.5 to 104.1 l/min
- Radius for I-41:
13.7 to 22.6 m
- Radius for I-43:
12.5 to 19.8 m
- Radius for I-41-ON:
16.2 to 23.8 m
- Pressure range:
2.8 to 6.2 bars;
275 to 620 kPa

Warranty

- 5-year exchange, not prorated



I-41 Nozzle Performance Data

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr
40	2.8	275	13.7	1.59	26.5	17
	3.4	344	14.0	1.82	30.3	18
	4.1	413	14.6	1.93	32.2	18
41	3.4	344	15.9	2.32	38.6	18
	4.1	413	16.2	2.61	43.5	20
	4.8	482	16.5	2.86	47.7	21
42	5.5	551	16.8	3.07	51.1	22
	3.4	344	16.2	2.50	41.6	19
	4.1	413	16.8	2.80	46.6	20
43	4.8	482	17.4	3.07	51.1	20
	5.5	551	18.0	3.27	54.5	20
	3.4	344	17.7	3.23	53.8	21
44	4.1	413	18.0	3.52	58.7	22
	4.8	482	18.6	3.70	61.7	21
	5.5	551	19.2	4.11	68.5	22
45	4.1	413	19.8	4.54	75.7	23
	4.8	482	20.1	4.95	82.5	24
	5.5	551	20.7	5.41	90.1	25
45	6.2	620	21.0	5.66	94.3	26
	4.1	413	21.0	5.00	83.3	23
	4.8	482	21.9	5.52	92.0	23
45	5.5	551	22.3	5.88	98.0	24
	6.2	620	22.6	6.25	104.1	25
	6.2	620	22.6	6.25	104.1	25

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

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr
15 Gray	3.4	344	16.2	2.95	49.2	23
	4.1	413	16.5	3.25	54.1	24
	4.8	482	17.1	3.52	58.7	24
	5.5	551	17.7	3.69	61.5	24
18 Red	3.4	344	18.3	3.46	57.7	21
	4.1	413	18.6	3.69	61.5	21
	4.8	482	18.9	3.91	65.3	22
	5.5	551	19.5	4.26	71.0	22
20 Dk. Brown	4.1	413	20.1	4.26	71.0	21
	4.8	482	20.4	4.54	75.7	22
	5.5	551	20.7	4.88	81.4	23
	6.2	620	20.7	5.09	84.8	24
23 Dk. Green	4.1	413	20.4	4.88	81.4	23
	4.8	482	20.7	5.22	87.1	24
	5.5	551	21.0	5.70	95.0	26
	6.2	620	21.3	5.90	98.4	26
25 Dk. Blue*	4.1	413	20.7	4.77	79.5	22
	4.8	482	21.3	5.58	94.6	25
	5.5	551	21.9	5.96	99.4	25
	6.2	620	22.6	6.19	103.2	24
28 Black	4.8	482	21.9	6.06	101.1	25
	5.5	551	22.6	6.34	105.6	25
	6.2	620	23.2	6.84	113.9	25
	6.9	689	23.8	7.27	121.1	26

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

I-43 Nozzle Performance Data

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr
40	2.8	275	12.5	1.59	26.5	20
	3.4	344	12.8	1.82	30.3	22
	4.1	413	12.8	1.93	32.2	24
41	3.4	344	13.4	2.32	38.6	26
	4.1	413	13.4	2.61	43.5	29
	4.8	482	13.7	2.86	47.7	30
42	5.5	551	14.0	3.07	51.1	31
	3.4	344	14.0	2.50	41.6	25
	4.1	413	14.3	2.79	46.6	27
43	4.8	482	14.9	3.07	51.1	27
	5.5	551	15.2	3.27	54.5	28
	3.4	344	15.5	3.23	53.8	27
44	4.1	413	15.9	3.52	58.7	28
	4.8	482	15.9	3.70	61.7	29
	5.5	551	16.2	4.11	68.5	32
45	4.1	413	17.7	4.54	75.7	29
	4.8	482	17.7	4.95	82.5	32
	5.5	551	18.3	5.41	90.1	32
45	6.2	620	18.3	5.66	94.3	34
	4.1	413	18.3	5.00	83.3	30
	4.8	482	18.9	5.52	92.0	31
45	5.5	551	19.5	5.88	98.0	31
	6.2	620	19.8	6.25	104.1	32
	6.2	620	19.8	6.25	104.1	32

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

Data represents test results in zero wind. Adjust for local conditions.
Radius may be reduced up to 25% with adjustment screw
(this may alter the uniformity of the spray pattern).

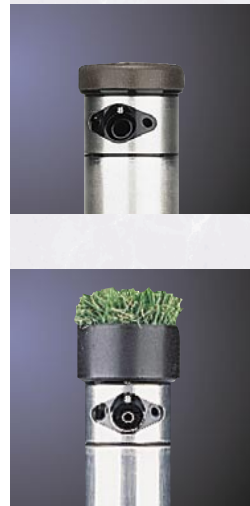


I-43: When Speed is the Need

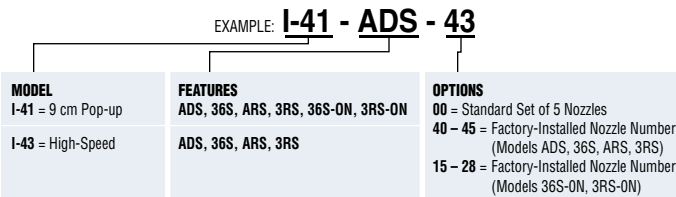
For quick, light wetdowns of clay tennis courts, baseball infields, any areas that require dust control, or normal turf applications, Hunter offers the I-43. This high-speed version of the I-41 cuts rotation time from three minutes down to one. When "fast" is the operative word, turn to the rotor with the brown rubber cover.

Turf Cup Option

When you want the perfect playing surface, insist on the I-41 Turf Cup Kit. It's just like the standard model but accommodates a plug of living turf on top of the riser, keeping the sprinkler out of sight when retracted. Specify I-41 Turf Cup Kit part number 46-0000 for golf greens and tees, grass tennis courts, bowling greens, croquet courts or any area requiring invisible sprinklers.



SPECIFICATION GUIDE



KEY TO FEATURES:

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