

Hunter®

I-41 Rotary Sprinklers

I-41

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



With its unparalleled ability to deliver water accurately and efficiently at distances up to 22.6 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



Dual opposing nozzle full-circle option

Superior coverage for maximum efficiency

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 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



Models

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

Dimensions

- Pop-up height: 9 cm
- Overall height: 20 cm
- Female BSP inlet: 1" (25 mm)
- Exposed diameter: 5 cm

Operating Specifications

- Discharge rate: 1.59 to 6.25 m³/hr; 26.5 to 106.7 l/min
- Radius for I-41: 13.7 to 21.3 m
- Radius for I-43: 15.8 to 23.2 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	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	14.6	1.93	32.2	18	21
41	3.4	344	15.9	2.32	38.6	18	21
	4.1	413	16.2	2.61	43.5	20	23
	4.8	482	16.5	2.86	47.7	21	24
42	5.5	551	16.8	3.07	51.1	22	25
	3.4	344	16.2	2.50	41.6	19	22
	4.1	413	16.8	2.80	46.6	20	23
43	4.8	482	17.4	3.07	51.1	20	23
	5.5	551	18.0	3.27	54.5	20	23
	3.4	344	17.7	3.23	53.8	21	24
44	4.1	413	18.0	3.52	58.7	22	25
	4.8	482	18.6	3.70	61.7	21	25
	5.5	551	19.2	4.11	68.5	22	26
45	4.1	413	19.8	4.54	75.7	23	27
	4.8	482	20.1	4.95	82.5	24	28
	5.5	551	20.7	5.41	90.1	25	29
45	6.2	620	21.0	5.66	94.3	26	30
	4.1	413	21.0	5.00	83.3	23	26
	4.8	482	21.9	5.52	92.0	23	26
45	5.5	551	22.3	5.88	98.0	24	27
	6.2	620	22.6	6.25	104.1	25	28

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	Precip mm/hr
15 Gray	3.4	344	16.2	2.95	49.2	23	26
	4.1	413	16.5	3.25	54.1	24	28
	4.8	482	17.1	3.52	58.7	24	28
	5.5	551	17.7	3.69	61.5	24	27
18 Red	3.4	344	18.3	3.46	57.7	21	24
	4.1	413	18.6	3.69	61.5	21	25
	4.8	482	18.9	3.91	65.3	22	25
	5.5	551	19.5	4.26	71.0	22	26
20 Dk. Brown	4.1	413	20.1	4.26	71.0	21	24
	4.8	482	20.4	4.54	75.7	22	25
	5.5	551	20.7	4.88	81.4	23	26
	6.2	620	20.7	5.09	84.8	24	27
23 Dk. Green	4.1	413	20.4	4.88	81.4	23	27
	4.8	482	20.7	5.22	87.1	24	28
	5.5	551	21.0	5.70	95.0	26	30
	6.2	620	21.3	5.90	98.4	26	30
25 Dk. Blue*	4.1	413	20.7	4.77	79.5	22	26
	4.8	482	21.3	5.58	94.6	25	29
	5.5	551	21.9	5.96	99.4	25	29
	6.2	620	22.6	6.19	103.2	24	28
28 Black	4.8	482	21.9	6.06	101.1	25	29
	5.5	551	22.6	6.34	105.6	25	29
	6.2	620	23.2	6.84	113.9	25	29
	6.9	689	23.8	7.27	121.1	26	30

* 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	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	2.61	43.5	29	34
	4.8	482	13.7	2.86	47.7	30	35
42	5.5	551	14.0	3.07	51.1	31	36
	3.4	344	14.0	2.50	41.6	25	29
	4.1	413	14.3	2.79	46.6	27	31
43	4.8	482	14.9	3.07	51.1	27	32
	5.5	551	15.2	3.27	54.5	28	33
	3.4	344	15.5	3.23	53.8	27	31
44	4.1	413	15.9	3.52	58.7	28	32
	4.8	482	15.9	3.70	61.7	29	34
	5.5	551	16.2	4.11	68.5	32	36
45	4.1	413	17.7	4.54	75.7	29	34
	4.8	482	17.7	4.95	82.5	32	37
	5.5	551	18.3	5.41	90.1	32	37
45	6.2	620	18.3	5.66	94.3	34	39
	4.1	413	18.3	5.00	83.3	30	35
	4.8	482	18.9	5.52	92.0	31	36
45	5.5	551	19.5	5.88	98.0	31	36
	6.2	620	19.8	6.25	104.1	32	37

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.

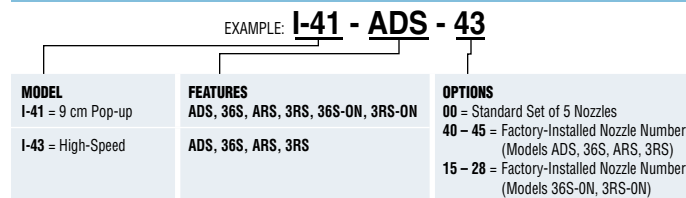
The ProTech™ Safety System for the Ultimate in Player Protection

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.

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 22.6 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.

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