

Hunter®

I-20 Ultra Rotary Sprinklers



I-20 Ultra

The Industrial-Strength Rotor for Residential and Commercial Use

If you're looking to upgrade over a typical residential grade rotor, this is where the search ends. No other rotor in its class gives you more. Like easy arc adjustment right at the top of the sprinkler, a heavy duty spring with reliable retraction, and a standard water-saving drain check valve that handles up to 3.0 m of elevation change. Plus, we now include a rack of nozzles that includes both standard and low angle nozzles (the

ideal solution for virtually any landscape situation), as well as the new FloStop® feature that provides the added convenience of easily stopping water flow to a single head without turning off the entire system. With its ultra-sturdy construction, rest assured you've got a product that's sure to endure – it's even protected by a full five-year warranty! But, for those who still want more, be sure to consider our stainless steel option.

FEATURES & BENEFITS



Integral rubber cover

Stays put to keep play areas safe

Full rack of 8 standard and 4 low angle nozzles

Continuously improved, honest performance, superior close-in coverage (now with key-lock installation)

High Flow Nozzle Set

Provides optimum coverage for systems that deliver water at a quicker rate

Short Radius Nozzle Set

The coverage range of a spray, the benefits of a commercial-grade rotor

FloStop® Control

Allows stoppage of flow to individual head while remainder of system is running

Easy arc adjustment (40° – 360°)

Right at the top of the sprinkler

Continuously improved gear drive

Backed by over a decade of proven reliability

Commercial grade spring

Reliable retraction every time

Drain check valve for up to 3.0 m elevation change

Saves water, reduces liability



Operating Specifications

- Discharge rate:
0.08 to 1.86 m³/hr
1.36 to 52.0 l/min
- Radius: 5.2 to 14.3 m
- Pressure range:
2.1 to 4.8 bars;
206 to 482 kPa
- Precipitation rates:
approximately 10 mm/hr
at 3.4 bars; 344 kPa
for spacings from 7.6 to
13.7 meters
- Nozzle trajectory:
standard – 25°
low-angle – 13°



I-10/I-20 Ultra Standard Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr ■ ▲
1.0	2.1	206	9.1	0.20	3.4	5 6
	2.8	275	9.4	0.23	3.8	5 6
	3.4	344	9.4	0.27	4.5	6 7
	4.1	413	9.8	0.30	4.9	6 7
1.5	2.1	206	9.8	0.27	4.5	6 7
	2.8	275	10.1	0.32	5.3	6 7
	3.4	344	10.4	0.36	6.1	7 8
	4.1	413	10.4	0.41	6.8	8 9
2.0	2.1	206	10.4	0.36	6.1	7 8
	2.8	275	11.0	0.41	6.8	7 8
	3.4	344	11.6	0.45	7.6	7 8
	4.1	413	11.6	0.50	8.3	7 9
3.0	2.1	206	11.0	0.45	7.6	8 9
	2.8	275	11.6	0.55	9.1	8 9
	3.4	344	12.2	0.61	10.2	8 10
	4.1	413	12.2	0.66	11.0	9 10
3.5	2.1	206	11.0	0.59	9.8	10 11
	2.8	275	12.2	0.68	11.4	9 11
	3.4	344	12.8	0.77	12.9	9 11
	4.1	413	12.8	0.84	14.0	10 12
4.0	2.1	206	11.3	0.73	12.1	11 13
	2.8	275	12.2	0.84	14.0	11 13
	3.4	344	13.1	0.95	15.9	11 13
	4.1	413	13.4	1.04	17.4	12 13
6.0	2.1	206	10.7	0.95	15.9	17 19
	2.8	275	12.2	1.11	18.5	15 17
	3.4	344	13.1	1.25	20.8	15 17
	4.1	413	13.4	1.36	22.7	15 17
8.0	2.8	275	12.5	1.36	22.7	17 20
	3.4	344	13.4	1.54	25.7	17 20
	4.1	413	13.7	1.73	28.8	18 21
	4.8	482	14.3	1.86	31.0	18 21

I-10/I-20 Ultra Low Angle Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr ■ ▲
2.0 LA	2.1	206	7.6	0.36	6.1	13 14
	2.8	275	8.2	0.43	7.2	13 15
	3.4	344	8.5	0.48	7.9	13 15
	4.1	413	9.1	0.52	8.7	12 14
2.5 LA	2.1	206	8.2	0.48	7.9	14 16
	2.8	275	9.1	0.57	9.5	14 16
	3.4	344	10.1	0.64	10.6	13 15
	4.1	413	10.7	0.68	11.4	12 14
3.5 LA	2.1	206	8.8	0.64	10.6	16 19
	2.8	275	9.8	0.70	11.7	15 17
	3.4	344	10.7	0.79	13.2	14 16
	4.1	413	11.3	0.86	14.4	14 16
4.5 LA	2.1	206	9.4	0.77	12.9	17 20
	2.8	275	10.4	0.89	14.8	16 19
	3.4	344	11.3	1.00	16.7	16 18
	4.1	413	11.6	1.07	17.8	16 18

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

Data represent 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). For information on testing standards and precipitation rate calculations, see Hunter Irrigation Products Catalog.

Optimum performance is shown in bold type.

I-10/I-20 Ultra High Flow Standard Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr ■ ▲
10	2.8	275	12.8	1.91	31.8	23 27
	3.4	344	13.1	2.16	36.0	25 29
	4.1	413	13.7	2.38	39.7	25 29
	4.8	482	14.3	2.59	43.1	25 29
13	2.8	275	13.1	2.48	41.3	29 33
	3.4	344	13.4	2.79	46.6	31 36
	4.1	413	13.7	3.09	51.5	33 38
	4.8	482	14.3	3.36	56.0	33 38

I-10/I-20 Ultra High Flow Low Angle Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr ■ ▲
6.0 LA	2.1	206	9.4	0.95	15.9	21 25
	2.8	275	10.7	1.14	18.9	20 23
	3.4	344	11.3	1.32	22.0	21 24
	4.1	413	11.9	1.43	23.8	20 23
8.0 LA	2.8	275	11.3	1.52	25.4	24 28
	3.4	344	11.9	1.75	29.1	25 29
	4.1	413	12.5	1.93	32.2	25 29
	4.8	482	12.5	2.09	34.8	27 31

I-10/I-20 Ultra 5.5 m Short Radius Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr ■ ▲
.50 SR	2.1	206	5.2	0.08	1.4	6 7
	2.8	275	5.2	0.10	1.6	7 8
	3.4	344	5.5	0.11	1.9	8 9
	4.1	413	5.8	0.13	2.2	8 9
1.0 SR	2.1	206	5.2	0.18	3.0	13 15
	2.8	275	5.2	0.20	3.4	15 18
	3.4	344	5.5	0.23	3.8	15 17
	4.1	413	5.8	0.25	4.2	15 17
2.0 SR	2.1	206	5.2	0.32	5.3	24 27
	2.8	275	5.2	0.39	6.4	29 33
	3.4	344	5.5	0.45	7.6	30 35
	4.1	413	5.8	0.50	8.3	30 34

I-10/I-20 Ultra 7.6 m Short Radius Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr ■ ▲
.75 SR	2.1	206	7.0	0.13	2.2	5 6
	2.8	275	7.3	0.15	2.6	6 7
	3.4	344	7.6	0.17	2.8	6 7
	4.1	413	7.9	0.19	3.1	6 7
1.5 SR	2.1	206	7.0	0.25	4.2	10 12
	2.8	275	7.3	0.30	4.9	11 13
	3.4	344	7.6	0.34	5.7	12 14
	4.1	413	7.9	0.36	6.1	12 13
3.0 SR	2.1	206	7.0	0.57	9.5	23 27
	2.8	275	7.3	0.61	10.2	23 26
	3.4	344	7.6	0.68	11.4	23 27
	4.1	413	7.9	0.70	11.7	22 26

SPECIFICATION GUIDE

EXAMPLE: **I-20 - ADS - 3.0**

MODEL	FEATURES	OPTIONS
I-10 = Shrub	ADV, 36V, ARV, 3RV	XX = Complete Set of Nozzles 1.0 – 8.0 = Factory-Installed Standard Nozzles 2.0 LA – 4.5 LA = Factory-Installed Low Angle Nozzles
I-20 = 10 cm Pop-up	ADV, 36V, ADS, 36S, ARV, 3RV, ARS, 3RS, ADJ, 36D	
I-20-6P = 15 cm Pop-up	ADV, 36V, ADS, 36S, ARV, 3RV, ARS, 3RS	
I-20-HP = 30 cm Pop-up	ADV, 36V, ARV, 3RV	

KEY TO FEATURES:

ADJ = Adjustable with no Check Valve

36D = Full-Circle with no Check Valve

ADV = Adjustable with Check Valve

36V = Full-Circle with Check Valve

ADS = Adjustable with Check Valve and Stainless Steel Riser

36S = Full-Circle with Check Valve and Stainless Steel Riser

ARV = Adjustable, Reclaimed Water, with Check Valve

3RV = Full-Circle, Reclaimed Water, with Check Valve

ARS = Adjustable, Reclaimed Water and Stainless Steel Riser

3RS = Full-Circle, Reclaimed Water and Stainless Steel Riser

Models

I-10 – Shrub

I-20 – 10 cm Pop-up

I-20-6P – 15 cm Pop-up

I-20-HP – 30 cm Pop-up

Dimensions

- Overall height:
I-10 Shrub – 20 cm
I-20 Pop-up – 19 cm
I-20-6P Pop-up – 25 cm
I-20-HP Pop-up – 43 cm

- ¾" female inlet
- Exposed diameter: 4.4 cm

Warranty

- 5-year exchange, not prorated

Options Available

- Reclaimed water cover
- Stainless steel riser (10 cm and 15 cm pop-up only)
- Factory installed nozzles

Same Great Rotor in a 15 cm Model

Today, more and more landscapes are being maintained with a higher cut of turf. The new 15 cm version of the I-20 provides the perfect means for keeping such landscapes lush and green. With an extra couple centimeters of riser height over traditional 10 cm rotors, this new model achieves better clearance over a lawn enabling the sprinkler to provide optimum coverage and achieve the ultimate in performance...just as the sprinkler was designed to do.



Specialty Nozzle Sets

The coverage of a spray, the benefits of a commercial-grade rotor. The new Short Distance Nozzles (part number 466100), uniquely crafted for turf areas with smaller radius. This "six pack" of new nozzles, available in three flow rates for a 5.5 cm radius and three for a 7.6 cm radius, will precisely irrigate the area you want without wasting water beyond your desired throw. And, for systems that deliver water at a quicker rate, use the nozzles that are specially designed for optimum coverage, Hunter High Flow Nozzles (part number 444800). Two low angle nozzles are included in this rack of four high performance nozzles.

