

# 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

##### Choice of 22 different nozzles

Allows sprinkler to be custom fitted to all spacings from 5.2 to 14.3 meters.

##### FloStop® Control

Allows stoppage of flow through an individual head while remainder of system is running

##### Easy arc adjustment (40° – 360°)

Right at the top of the sprinkler

##### Continuously improved, water-lubricated gear drive

Backed by over a decade of proven reliability

##### Extra-strong spring

Reliable retraction every time

##### Drain check valve for up to 3 meters of elevation change

Saves water, reduces liability



#### Operating Specifications

- Discharge rate:  
0.08 to 3.36 m<sup>3</sup>/hr  
1.4 to 56.0 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		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>1.0</b>	2.1	206	9.1	0.20	3.4	5	6
	2.8	275	9.4	0.23	3.8	5	6
	<b>3.4</b>	<b>344</b>	<b>9.4</b>	<b>0.27</b>	<b>4.5</b>	<b>6</b>	<b>7</b>
	4.1	413	9.8	0.30	4.9	6	7
<b>1.5</b>	2.1	206	9.8	0.27	4.5	6	7
	2.8	275	10.1	0.32	5.3	6	7
	<b>3.4</b>	<b>344</b>	<b>10.4</b>	<b>0.36</b>	<b>6.1</b>	<b>7</b>	<b>8</b>
	4.1	413	10.4	0.41	6.8	8	9
<b>2.0</b>	2.1	206	9.8	0.36	6.1	8	9
	2.8	275	10.4	0.41	6.8	9	9
	<b>3.4</b>	<b>344</b>	<b>11.0</b>	<b>0.45</b>	<b>7.6</b>	<b>8</b>	<b>9</b>
	4.1	413	11.0	0.50	8.3	8	10
<b>3.0</b>	2.1	206	10.4	0.45	7.6	8	10
	2.8	275	11.0	0.55	9.1	9	10
	<b>3.4</b>	<b>344</b>	<b>11.6</b>	<b>0.61</b>	<b>10.2</b>	<b>9</b>	<b>11</b>
	4.1	413	11.6	0.66	11.0	10	11
<b>3.5</b>	2.1	206	10.4	0.59	9.8	11	13
	2.8	275	11.6	0.68	11.4	10	12
	<b>3.4</b>	<b>344</b>	<b>12.2</b>	<b>0.77</b>	<b>12.9</b>	<b>10</b>	<b>12</b>
	4.1	413	12.2	0.84	14.0	11	13
<b>4.0</b>	2.1	206	11.3	0.73	12.1	11	13
	2.8	275	11.9	0.84	14.0	12	14
	<b>3.4</b>	<b>344</b>	<b>12.5</b>	<b>0.95</b>	<b>15.9</b>	<b>12</b>	<b>14</b>
	4.1	413	12.8	1.04	17.4	13	15
<b>6.0</b>	2.1	206	10.7	0.95	15.9	17	19
	2.8	275	12.2	1.11	18.5	15	17
	<b>3.4</b>	<b>344</b>	<b>13.1</b>	<b>1.25</b>	<b>20.8</b>	<b>15</b>	<b>17</b>
	4.1	413	13.4	1.36	22.7	15	17
<b>8.0</b>	2.8	275	12.5	1.36	22.7	17	20
	3.4	344	13.4	1.54	25.7	17	20
	<b>4.1</b>	<b>413</b>	<b>13.7</b>	<b>1.73</b>	<b>28.8</b>	<b>18</b>	<b>21</b>
	4.8	482	14.3	1.86	31.0	18	21

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

**I-10/I-20 Ultra Low Angle Nozzle Performance Data – Metric**

Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>2.0 LA</b>	2.1	206	7.6	0.36	6.1	13	14
	2.8	275	8.2	0.43	7.2	13	15
	<b>3.4</b>	<b>344</b>	<b>8.5</b>	<b>0.48</b>	<b>7.9</b>	<b>13</b>	<b>15</b>
	4.1	413	9.1	0.52	8.7	12	14
<b>2.5 LA</b>	2.1	206	8.2	0.48	7.9	14	16
	2.8	275	9.1	0.57	9.5	14	16
	<b>3.4</b>	<b>344</b>	<b>10.1</b>	<b>0.64</b>	<b>10.6</b>	<b>13</b>	<b>15</b>
	4.1	413	10.7	0.68	11.4	12	14
<b>3.5 LA</b>	2.1	206	8.8	0.64	10.6	16	19
	2.8	275	9.8	0.70	11.7	15	17
	<b>3.4</b>	<b>344</b>	<b>10.7</b>	<b>0.79</b>	<b>13.2</b>	<b>14</b>	<b>16</b>
	4.1	413	11.3	0.86	14.4	14	16
<b>4.5 LA</b>	2.1	206	8.8	0.77	12.9	20	23
	2.8	275	9.8	0.89	14.8	19	22
	<b>3.4</b>	<b>344</b>	<b>10.7</b>	<b>1.00</b>	<b>16.7</b>	<b>18</b>	<b>20</b>
	4.1	413	11.3	1.07	17.8	17	19

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		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>10</b>	2.8	275	12.8	1.91	31.8	23	27
	3.4	344	13.1	2.16	36.0	25	29
	<b>4.1</b>	<b>413</b>	<b>13.7</b>	<b>2.38</b>	<b>39.7</b>	<b>25</b>	<b>29</b>
	4.8	482	14.3	2.59	43.1	25	29
<b>13</b>	2.8	275	13.1	2.48	41.3	29	33
	3.4	344	13.4	2.79	46.6	31	36
	<b>4.1</b>	<b>413</b>	<b>13.7</b>	<b>3.09</b>	<b>51.5</b>	<b>33</b>	<b>38</b>
	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		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>6.0 LA</b>	2.1	206	9.4	0.95	15.9	21	25
	2.8	275	10.7	1.14	18.9	20	23
	<b>3.4</b>	<b>344</b>	<b>11.3</b>	<b>1.32</b>	<b>22.0</b>	<b>21</b>	<b>24</b>
<b>8.0 LA</b>	2.8	275	11.3	1.52	25.4	24	28
	3.4	344	11.9	1.75	29.1	25	29
	<b>4.1</b>	<b>413</b>	<b>12.5</b>	<b>1.93</b>	<b>32.2</b>	<b>25</b>	<b>29</b>
	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		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>.50 SR</b>	2.1	206	5.2	0.08	1.4	6	7
	2.8	275	5.2	0.10	1.6	7	8
	<b>3.4</b>	<b>344</b>	<b>5.5</b>	<b>0.11</b>	<b>1.9</b>	<b>8</b>	<b>9</b>
<b>1.0 SR</b>	2.1	206	5.2	0.18	3.0	13	15
	2.8	275	5.2	0.20	3.4	15	18
	<b>3.4</b>	<b>344</b>	<b>5.5</b>	<b>0.23</b>	<b>3.8</b>	<b>15</b>	<b>17</b>
<b>2.0 SR</b>	2.1	206	5.2	0.32	5.3	24	27
	2.8	275	5.2	0.39	6.4	29	33
	<b>3.4</b>	<b>344</b>	<b>5.5</b>	<b>0.45</b>	<b>7.6</b>	<b>30</b>	<b>35</b>
	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		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>.75 SR</b>	2.1	206	7.0	0.13	2.2	5	6
	2.8	275	7.3	0.15	2.6	6	7
	<b>3.4</b>	<b>344</b>	<b>7.6</b>	<b>0.17</b>	<b>2.8</b>	<b>6</b>	<b>7</b>
<b>1.5 SR</b>	2.1	206	7.0	0.25	4.2	10	12
	2.8	275	7.3	0.30	4.9	11	13
	<b>3.4</b>	<b>344</b>	<b>7.6</b>	<b>0.34</b>	<b>5.7</b>	<b>12</b>	<b>14</b>
<b>3.0 SR</b>	2.1	206	7.0	0.57	9.5	23	27
	2.8	275	7.3	0.61	10.2	23	26
	<b>3.4</b>	<b>344</b>	<b>7.6</b>	<b>0.68</b>	<b>11.4</b>	<b>23</b>	<b>27</b>
	4.1	413	7.9	0.70	11.7	22	26

**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

**22 Nozzles Cover all Needs From 5.2 to 14.3 meters**

No need to mix sprays and rotors on a mid-range landscape. The I-20 Ultra boasts one of the widest selections of nozzle choices in a rotary sprinkler, making it the only head you'll need. In addition to the full rack of 8 standard and 4 low angle nozzles included with every I-20 Ultra, Hunter also offers the option of 10 specialty nozzles. Short Distance Nozzles provide the coverage of a spray with all of the benefits of a commercial-grade rotor. Available in three flow rates for a 5.5 meters radius and three for a 7.6 meters radius, these nozzles will precisely irrigate an area without wasting water beyond the desired throw. And, for systems that deliver water at a quicker rate, high performance can be assured with four High Flow Nozzles (including two low angle) which are specially designed for optimum coverage.



**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