

## Product Specification

# Hunter I-21 Ultra

### Description:

The industrial strength Rotor for residential and commercial use. The I-21 has 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 3.0m of elevation change. Also with the new FloStop<sup>®</sup> feature that provides the added convenience of easily stopping water flow to a single head without turning off the entire system.

### Features:

- **Integral Rubber Cover:**  
Stays put to keep play areas safe.
- **Full rack of standard and 4 low angle nozzles:**  
Continuously improved, honest performance, superior close-in coverage (now with key-lock installation).
- **Choice of 22 different nozzles**  
Standard, low angle, high flow and short distance nozzles.
- **FloStop<sup>®</sup> 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 3.0m of elevation change:**  
Saves water, reduces liability.
- **5 year over counter warranty.**



I21ADS Ultra

I-21 Ultra Standard Nozzle			
Performance Data			
Nozzle	Pressure kPa	Radius m	Flow l/min
<b>1.0</b>	206	9.1	3.4
	275	9.4	3.8
	<b>344</b>	<b>9.4</b>	<b>4.5</b>
	413	9.8	4.9
<b>1.5</b>	206	9.8	4.5
	275	10.1	5.3
	<b>344</b>	<b>10.4</b>	<b>6.1</b>
	413	10.4	6.8
<b>2.0</b>	206	9.8	6.1
	275	10.4	6.8
	<b>344</b>	<b>11.0</b>	<b>7.6</b>
	413	11.0	8.3
<b>3.0</b>	206	10.4	7.6
	275	11.0	9.1
	<b>344</b>	<b>11.6</b>	<b>10.2</b>
	413	11.6	11.0
<b>3.5</b>	206	10.4	9.8
	275	11.6	11.4
	<b>344</b>	<b>12.2</b>	<b>12.9</b>
	413	12.2	14.0
<b>4.0</b>	206	11.3	12.1
	275	11.9	14.0
	<b>344</b>	<b>12.5</b>	<b>15.9</b>
	413	12.8	17.4
<b>6.0</b>	206	10.7	15.9
	275	12.2	18.5
	<b>344</b>	<b>13.1</b>	<b>20.8</b>
	413	13.4	22.7
<b>8.0</b>	275	12.5	22.7
	344	13.4	25.7
	<b>413</b>	<b>13.7</b>	<b>28.8</b>
	482	14.3	31.0

I-21 Ultra Low Angle Nozzle			
Performance Data			
Nozzle	Pressure kPa	Radius m	Flow l/min
<b>2.0 LA</b>	206	7.6	6.1
	275	8.2	7.2
	<b>344</b>	<b>8.5</b>	<b>7.9</b>
<b>2.5 LA</b>	206	8.2	7.9
	275	9.1	9.5
	<b>344</b>	<b>10.1</b>	<b>10.6</b>
<b>3.5 LA</b>	206	8.8	10.6
	275	9.8	11.7
	<b>344</b>	<b>10.7</b>	<b>13.2</b>
<b>4.5 LA</b>	206	8.8	12.9
	275	9.8	14.8
	<b>344</b>	<b>10.7</b>	<b>16.7</b>
413	11.3	17.8	

Description	Code
Pop-up Adjustable Arc 40°-360°	I21ADV ULTRA
Pop-up 360° Full Circle	I2136V ULTRA
Pop-up 360° Full Circle, stainless steel riser	I2136S ULTRA
Pop-up Adj. Arc, stainless steel riser 40°-360°	I21ADS ULTRA
150mm Pop-up adj. arc 40°-360° stainless steel	I21ADS ULTRA-6
150mm Pop-up full circle stainless steel shaft	I2136S ULTRA-6
300mm High Pop-up adj. arc 40°-360° plastic shaft	I21ADV ULTRA-HP
300mm High Pop-up full circle plastic shaft	I2136V ULTRA-HP

**E-MAIL**  
hrproducts@bigpond.com

**WEB SITE**  
www.hrproducts.com.au

**PERTH**  
207 BANNISTER ROAD  
CANNING VALE  
WESTERN AUSTRALIA 6155  
PHONE: (08) 9455 1677  
TOLL FREE: 1 800 998 037

**ADELAIDE**  
Cnr WILSON ST & FREDERICK RD  
ROYAL PARK  
SOUTH AUSTRALIA 5014  
PHONE: (08) 8341 0008  
TOLL FREE: 1 800 888 125

**BRISBANE**  
14-16 TOLMER PLACE  
SPRINGWOOD  
QUEENSLAND 4127  
PHONE: (07) 3290 1200  
TOLL FREE: 1 800 777 325

**SYDNEY**  
11-13 SAMMUT STREET  
SMITHFIELD  
NSW 2164  
PHONE: (02) 9725 5733  
TOLL FREE: 1 800 251 945

**MELBOURNE**  
Cnr Waterdale Rd & Vernon Ave  
HEIDELBERG HEIGHTS  
VICTORIA 3081  
PHONE: (03) 9457 7500  
TOLL FREE: 1 800 331 168

**MACKAY**  
MOBILE: 0418 742 144

**COBRAM**  
MOBILE: 0417 054 475

**NEWCASTLE**  
MOBILE: 0418 292 769

**DUBBO**  
MOBILE: 0409 489 092

## Specialty Nozzle Sets

The coverage of a spray, the benefits of a commercial grade rotor. The new Short Radius 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 5.5m radius and three for a 7.6m 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.

### Short Radius Nozzles

#### 5.5 Short Radius Nozzles – Metric

Nozzle	Pressure		Radius		Flow	
	kPa	m	m <sup>3</sup> /hr	l/min		
0.50 SR	206	5.2	0.08	1.4		
	275	5.2	0.10	1.6		
	<b>344</b>	<b>5.5</b>	<b>0.11</b>	<b>1.9</b>		
	413	5.8	0.13	2.2		
1.0 SR	206	5.2	0.18	3.0		
	275	5.2	0.20	3.4		
	<b>344</b>	<b>5.5</b>	<b>0.23</b>	<b>3.8</b>		
	413	5.8	0.25	4.2		
2.0 SR	206	5.2	0.32	5.3		
	275	5.2	0.39	6.4		
	<b>344</b>	<b>5.5</b>	<b>0.45</b>	<b>7.6</b>		
	413	5.8	0.50	8.3		

#### 7.6 Short Radius Nozzles – Metric

Nozzle	Pressure		Radius		Flow	
	kPa	m	m <sup>3</sup> /hr	l/min		
0.50 SR	206	7.0	0.13	2.2		
	275	7.3	0.15	2.6		
	<b>244</b>	<b>7.6</b>	<b>0.17</b>	<b>2.8</b>		
	413	7.9	0.19	3.1		
1.0 SR	206	7.0	0.25	4.2		
	275	7.3	0.20	4.9		
	<b>344</b>	<b>7.6</b>	<b>0.30</b>	<b>5.7</b>		
	413	7.9	0.34	6.1		
2.0 SR	206	7.0	0.57	9.5		
	275	7.3	0.61	10.2		
	<b>344</b>	<b>7.6</b>	<b>0.68</b>	<b>11.4</b>		
	413	7.9	0.70	11.7		

#### Standard Nozzles – Metric

Nozzle	Pressure		Radius		Flow	
	kPa	m	m <sup>3</sup> /hr	l/min		
1.0	206	9.1	0.20	3.4		
	275	9.4	0.23	3.8		
	<b>344</b>	<b>9.4</b>	<b>0.27</b>	<b>4.5</b>		
	413	9.8	0.30	4.9		
1.5	206	9.8	0.27	4.5		
	275	10.1	0.32	5.3		
	<b>344</b>	<b>10.4</b>	<b>0.36</b>	<b>6.1</b>		
	413	10.4	0.41	6.8		
2.0	206	10.4	0.36	6.1		
	275	11.0	0.41	6.8		
	<b>344</b>	<b>11.6</b>	<b>0.45</b>	<b>7.6</b>		
	413	11.6	0.50	8.3		
3.0	206	11.0	0.45	7.6		
	275	11.6	0.55	9.1		
	<b>344</b>	<b>12.2</b>	<b>0.61</b>	<b>10.2</b>		
	413	12.2	0.66	11.0		
3.5	206	11.0	0.59	9.8		
	275	12.2	0.68	11.4		
	<b>344</b>	<b>12.8</b>	<b>0.77</b>	<b>12.9</b>		
	413	12.8	0.84	14.0		
4.0	206	11.3	0.73	12.1		
	275	12.2	0.84	14.0		
	<b>344</b>	<b>13.1</b>	<b>0.95</b>	<b>15.9</b>		
	413	13.4	1.04	17.4		
6.0	206	10.7	0.95	15.9		
	275	12.2	1.11	18.5		
	<b>344</b>	<b>13.1</b>	<b>1.25</b>	<b>20.8</b>		
	413	13.4	1.36	22.7		
8.0	275	12.5	1.36	22.7		
	344	13.4	1.54	25.7		
	<b>413</b>	<b>13.7</b>	<b>1.73</b>	<b>28.8</b>		
	482	14.3	1.86	31.0		

### High Flow Nozzles

#### High Flow Standard Nozzles – Metric

Nozzle	Pressure		Radius		Flow	
	kPa	m	m <sup>3</sup> /hr	l/min		
10	275	12.8	1.9	31.8		
	344	13.1	2.2	36.0		
	<b>413</b>	<b>13.7</b>	<b>2.4</b>	<b>39.8</b>		
	482	14.3	2.6	43.1		
13	275	13.1	2.5	41.3		
	344	13.4	2.8	46.6		
	<b>413</b>	<b>13.7</b>	<b>3.1</b>	<b>51.5</b>		
	482	14.3	3.4	56.0		

#### High Flow Low Angle Nozzles – Metric

Nozzle	Pressure		Radius		Flow	
	kPa	m	m <sup>3</sup> /hr	l/min		
6.0 LA	206	9.4	1.0	15.9		
	275	10.7	1.1	18.9		
	<b>344</b>	<b>11.3</b>	<b>1.3</b>	<b>22.0</b>		
	413	11.9	1.4	23.8		
8.0 LA	206	11.3	1.5	25.4		
	275	11.9	1.7	29.1		
	<b>344</b>	<b>12.5</b>	<b>1.9</b>	<b>32.2</b>		
	413	12.5	2.1	34.8		

#### Low Angle Nozzles – Metric

Nozzle	Pressure		Radius		Flow	
	kPa	m	m <sup>3</sup> /hr	l/min		
2.0 LA	206	7.6	0.36	6.1		
	275	8.2	0.43	7.2		
	<b>344</b>	<b>8.5</b>	<b>0.48</b>	<b>7.9</b>		
	413	9.1	0.52	8.7		
2.5 LA	206	8.2	0.48	7.9		
	275	9.1	0.57	9.5		
	<b>344</b>	<b>10.1</b>	<b>0.64</b>	<b>10.6</b>		
	413	10.7	0.68	11.4		
3.5 LA	206	8.8	0.64	10.6		
	275	9.8	0.70	11.7		
	<b>344</b>	<b>10.7</b>	<b>0.80</b>	<b>13.2</b>		
	413	11.3	0.86	14.4		
4.5 LA	206	9.4	0.77	12.9		
	275	10.4	0.89	14.8		
	<b>344</b>	<b>11.3</b>	<b>1.00</b>	<b>16.7</b>		
	413	11.6	1.07	17.8		