

Product Specifications



Hunter I20 Ultra Rotary Sprinkler



Features:

- ❖ Long-life water lubricated gear drive
- ❖ Advanced wiper seal- pressure activated riser seal
- ❖ Heavy duty spring- positive retraction in harsh conditions
- ❖ Rubber cover stops dirt getting in
- ❖ Square top design- allows automatic alignment of nozzles
- ❖ Robust Construction- vandal resistant, stands up to heavy foot traffic & equipment
- ❖ Optional stainless-steel riser- for heavy duty protection
- ❖ Date coding- allows easy identification of when the rotor was manufactured
- ❖ Factory installed nozzles- for convenience during large projects
- ❖ 6" Rotor model- designed specifically for long grass
- ❖ 5 Year Warranty

Specifications:

- ❖ Discharge rate: .9 to 14.3 gpm (0.20 to 1.86 m3/hr; 3.4 to 31.0 l/min)
- ❖ Radius: 17' to 47' (5.2 to 14.3 m)
- ❖ Recommended pressure range: 40 to 60 psi (2.8 to 4.1 bars; 275 to 413 kPa)
- ❖ Operating pressure range: 20 to 100 PSI (1.4 to 6.9 bars; 137 to 689 kPa)
- ❖ Precipitation rates: approximately. 4" (10 mm) per hour at 50 psi (3.4 bars; 344 kPa) for spacing from 18' to 45' (7.6 to 13.7 m)
- ❖ Nozzle trajectory: standard – 25°; low-angle – 13°
- ❖ Drain check valve for up to 10' (3.0 m) elevation change
- ❖ Dimensions I-20-7 3/8"(19cm), I-20-6P 9

I-10/I-20 Ultra Standard Nozzle Performance Data – Metric							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m3/hr	l/min	■	▲
1.0	1.7	172	8.8	0.18	3.0	5	5
	2.0	200	9.1	0.20	3.3	5	5
	2.5	248	9.4	0.22	3.7	5	6
	3.0	303	9.4	0.25	4.1	6	6
	3.5	352	9.4	0.27	4.5	6	7
	4.0	400	9.8	0.29	4.8	6	7
1.5	4.5	448	9.8	0.31	5.1	6	7
	1.7	172	9.4	0.24	4.1	5	6
	2.0	200	9.8	0.27	4.4	6	6
	2.5	248	9.8	0.30	5.0	6	7
	3.0	303	10.1	0.34	5.6	7	8
	3.5	352	10.4	0.37	6.2	7	8
2.0	4.0	400	10.4	0.40	6.6	7	9
	4.5	448	10.4	0.43	7.1	8	9
	1.7	172	9.4	0.33	5.5	7	9
	2.0	200	9.8	0.36	5.9	7	9
	2.5	248	9.8	0.39	6.5	8	10
	3.0	303	10.4	0.43	7.2	8	9
3.0	3.5	352	11.0	0.46	7.7	8	9
	4.0	400	11.0	0.49	8.1	8	9
	4.5	448	11.0	0.51	8.6	9	10
	1.7	172	10.1	0.42	6.9	8	10
	2.0	200	10.4	0.45	7.5	8	10
	2.5	248	10.4	0.51	8.5	9	11
3.5	3.0	303	11.0	0.57	9.4	9	11
	3.5	352	11.6	0.61	10.2	9	11
	4.0	400	11.6	0.66	10.9	10	11
	4.5	448	11.6	0.70	11.6	10	12
	1.7	172	10.1	0.54	9.0	11	12
	2.0	200	10.4	0.58	9.7	11	12
4.0	2.5	248	11.0	0.65	10.8	11	12
	3.0	303	11.3	0.72	12.0	11	13
	3.5	352	11.6	0.78	12.9	12	13
	4.0	400	11.6	0.83	13.8	12	14
	4.5	448	11.6	0.88	14.6	13	15
	1.7	172	11.0	0.66	11.0	11	13
6.0	2.0	200	11.3	0.71	11.9	11	13
	2.5	248	11.6	0.80	13.3	12	14
	3.0	303	11.9	0.89	14.8	13	15
	3.5	352	12.5	0.96	16.0	12	14
	4.0	400	12.5	1.03	17.1	13	15
	4.5	448	12.8	1.09	18.2	13	15
8.0	1.7	172	9.8	0.87	14.5	18	21
	2.0	200	10.7	0.94	15.7	17	19
	2.5	248	11.3	1.05	17.5	17	19
	3.0	303	11.9	1.17	19.4	16	19
	3.5	352	13.1	1.26	21.0	15	17
	4.0	400	13.1	1.34	22.4	16	18
8.0	4.5	448	13.4	1.43	23.8	16	18
	1.7	172	11.3	1.05	17.4	16	19
	2.0	200	11.9	1.14	19.0	16	19
	2.5	248	12.5	1.29	21.4	16	19
	3.0	303	13.1	1.44	24.0	17	19
	3.5	352	13.4	1.56	26.1	17	20
8.0	4.0	400	13.7	1.68	28.0	18	21
	4.5	448	14.3	1.79	29.9	17	20