

Hunter®

TTS Premium Golf and Large Turf Rotors



Total Top Service Capabilities



On a golf course that includes hundreds or even thousands of rotors, the last thing the golfer wants to see is the unsightly excavation scars that are a part of typical sprinkler maintenance. That's why Hunter's TTS Premium Golf Rotors make so much sense. With their exclusive Total Top Service capabilities, these rotors can help keep your course looking great like nothing else can.

Features and Benefits



- ✓ All components easily accessed without digging up the surrounding turf
- ✓ Heavy-duty upper snap ring with integrated wiper seal protects riser seal from external contamination
- ✓ Integrated valve assembly includes valve seat and rock screen for easy one-step valve servicing
- ✓ Unitized valve makes it easy to flush piping and repair leaks caused by system contamination
- ✓ Adjustable pressure regulator is hidden to prevent access by untrained personnel or golfers
- ✓ Closed-case design helps prevent stick-ups and leaking seals caused by external contaminants
- ✓ Pressure Port™ technology delivers uniform water coverage to keep courses looking great
- ✓ Performance, reliability and long life assured by the company that has set the standards for rotor quality



TTS Premium Golf and Large Turf Rotors—Quick, Clean and Easy to Service

G870/G875

Unsurpassed distribution uniformity in a mid-range rotor



MODEL SPECIFICATIONS

- G870** – Full Circle
- G875** – Adjustable Arc (40° to 360°)

MODEL VARIATIONS

- C – Check-O-Matic** checks up to 25 feet in elevation change and readily converts to Normally Open Hydraulic with through the top connections
- E – Electric Valve-in-Head** with adjustable pressure regulation, on-off-auto selector, 190mA (370mA inrush) solenoid with captive plunger and internal downstream bleed

DIMENSIONS

- Pop-up height: 3"
- Female inlet: 1½" ACME
- Flange diameter: 7¼"
- Overall height: 11¼"

OPERATING SPECIFICATIONS

G870

- Discharge rate: 13 to 33.7 GPM (2.95 to 7.66 m³/hr, 49.2 to 127.6 l/min)
- Radius: 53' to 75' (16.2 to 22.9 m)
- Pressure range: 50 to 100 PSI (3.4 to 6.9 bars; 344 to 689 kPa)

G875

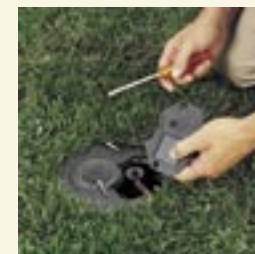
- Discharge rate: 13.4 to 32.3 GPM (3.04 to 7.34 m³/hr, 50.7 to 122.3 l/min)
- Radius: 57' to 71' (17.4 to 21.6 m)
- Pressure range: 50 to 100 PSI (3.4 to 6.9 bars; 344 to 689 kPa)

The TTS 800 Series rotors are reliable and efficient performers that make easy maintenance a top priority...because unlike traditional golf rotors, every serviceable part can be accessed from the top without disturbing the surrounding turf. Not just the gear drive and inlet valve, but the pilot valve, solenoid, solenoid connections, and pressure regulator as well. And the unique integrated inlet valve offers one-step removal of the valve, valve seat and rock screen. But, ease of service isn't all these products provide. This complete line up boasts a wide range of flow and radius capabilities, a unique Check-O-Matic version that converts to support hydraulic installations, and adjustable pressure regulation with internal downstream porting on the electric versions. There's also a choice of full-circle and adjustable part-circle models, each with a complete range of interchangeable, color-coded nozzles to meet your every need.

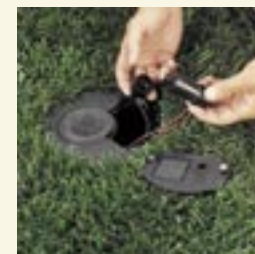
For rotor spacings from 55 to 70 feet, Hunter offers the full-circle G870 and adjustable-arc G875. Thanks to Hunter's patented Pressure Port™ technology, these rotors deliver the ultimate in distribution uniformity with a wide range of flow and radius capabilities.

The ideal choice for areas that require spacings from 65 to 85 feet is the full-circle G880. This mid-range specialist delivers the ultimate in distribution uniformity to keep any golf course looking and playing its best. Hunter quality and through the top serviceability make this rotor tough to beat.

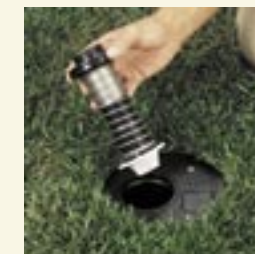
Total Top Servicing: In a Class by Itself



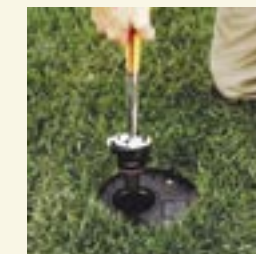
1. Hunter TTS rotors are the only golf rotors with every serviceable component accessible from the top—without excavation of the surrounding turf!



2. For the first time, access to the pilot valve, adjustable pressure regulator and solenoid is simple and easy.



3. The pop-up riser's large filter screen can be accessed by removing the heavy-duty snap ring with integrated wiper seal.



4. The slow closing inlet valve features total integration of the valve seal, valve seat, and rock screen.

G880

Unsurpassed distribution uniformity for slightly larger areas



MODEL SPECIFICATIONS

- G880** – Full Circle

MODEL VARIATIONS

- C – Check-O-Matic** checks up to 25 feet in elevation change and readily converts to Normally Open Hydraulic model with through the top connections
- E – Electric Valve-in-Head** with adjustable pressure regulation, on-off-auto selector, 190mA (370mA inrush) solenoid with captive plunger and internal downstream bleed

DIMENSIONS

- Pop-up height: 3"
- Female inlet: 1½" ACME
- Flange diameter: 7¼"
- Overall height: 11¼"

OPERATING SPECIFICATIONS

- Discharge rate: 22.5 to 57.9 GPM (5.11 to 13.15 m³/hr, 85.2 to 219.2 l/min)
- Radius: 67' to 88' (20.4 to 26.8 m)
- Pressure range: 65 to 100 PSI (4.5 to 6.9 bars; 450 to 689 kPa)

Performance Data

G870 Nozzle Performance Data					
Nozzle	Pressure PSI	Radius Feet	Flow GPM	Precip in/hr	
15 Gray	50	53'	13.0	0.45	0.51
	60	54'	14.1	0.47	0.54
	65	55'	14.8	0.47	0.54
	70	56'	15.5	0.48	0.55
	80	58'	16.3	0.47	0.54
18 Red	50	58'	14.2	0.41	0.47
	60	59'	15.9	0.44	0.51
	65	60'	16.3	0.44	0.50
	70	60'	16.9	0.45	0.52
	80	61'	17.8	0.46	0.53
20 Dk. Brown	60	61'	18.8	0.49	0.56
	65	62'	19.6	0.49	0.57
	70	63'	20.5	0.50	0.57
	80	64'	22.0	0.52	0.60
	90	64'	23.4	0.55	0.63
23 Dk. Green*	60	63'	20.1	0.49	0.56
	65	65'	21.0	0.48	0.55
	70	65'	21.9	0.50	0.58
	80	66'	23.4	0.52	0.60
	90	67'	24.9	0.53	0.62
25 Dk. Blue*	60	65'	21.8	0.50	0.57
	65	67'	22.5	0.48	0.56
	70	67'	23.6	0.51	0.58
	80	69'	25.3	0.51	0.59
	90	71'	26.9	0.51	0.59
28 Black	70	71'	28.1	0.54	0.62
	80	71'	29.9	0.57	0.66
	90	73'	31.8	0.57	0.66
	100	75'	33.7	0.58	0.67

G875 Nozzle Performance Data					
Nozzle	Pressure PSI	Radius Feet	Flow GPM	Precip in/hr	
15 Gray	50	57'	13.4	0.40	0.46
	60	58'	14.3	0.41	0.47
	65	59'	14.8	0.41	0.47
	70	59'	15.3	0.42	0.49
	80	60'	16.4	0.44	0.51
18 Red	50	60'	14.5	0.39	0.45
	60	61'	15.7	0.41	0.47
	65	61'	16.3	0.42	0.49
	70	62'	16.9	0.42	0.49
	80	63'	18.2	0.44	0.51
20 Dk. Brown	60	62'	17.8	0.45	0.51
	65	62'	18.2	0.46	0.53
	70	63'	19.2	0.47	0.54
	80	64'	20.5	0.48	0.56
	90	65'	21.8	0.50	0.57
23 Dk. Green*	60	64'	21.9	0.51	0.59
	65	65'	21.4	0.49	0.56
	70	65'	23.6	0.54	0.62
	80	66'	25.6	0.57	0.65
	90	67'	27.0	0.58	0.67
25 Dk. Blue*	60	65'	23.5	0.54	0.62
	65	65'	24.8	0.56	0.65
	70	67'	25.6	0.55	0.63
	80	69'	27.3	0.55	0.64
	90	71'	29.0	0.55	0.64
28 Black	70	66'	26.9	0.59	0.69
	80	68'	28.9	0.60	0.69
	90	70'	30.6	0.60	0.69
	100	71'	32.3	0.62	0.71

G880 Nozzle Performance Data					
Nozzle	Pressure PSI	Radius Feet	Flow GPM	Precip in/hr	
25 Lt. Blue	65	67'	22.5	0.48	0.56
	70	69'	23.9	0.48	0.56
	80	71'	26.0	0.50	0.57
	90	72'	27.9	0.52	0.60
	100	73'	29.8	0.54	0.62
33 Gray	65	73'	31.0	0.56	0.65
	70	74'	32.2	0.57	0.65
	80	76'	34.7	0.58	0.67
	90	77'	37.0	0.60	0.69
	100	78'	38.8	0.61	0.71
38 Red	65	76'	35.1	0.58	0.68
	70	77'	36.3	0.59	0.68
	80	79'	38.5	0.59	0.69
	90	80'	40.5	0.61	0.70
	100	81'	42.9	0.63	0.73
43 Dk. Brown	65	78'	39.2	0.62	0.72
	70	79'	40.8	0.63	0.73
	80	82'	43.7	0.63	0.72
	90	83'	46.5	0.65	0.75
	100	84'	48.8	0.67	0.77
48 Dk. Green*	65	82'	43.8	0.63	0.72
	70	83'	46.3	0.65	0.75
	80	85'	49.0	0.65	0.75
	90	86'	51.9	0.68	0.78
	100	87'	54.4	0.69	0.80
53 Dk. Blue	65	83'	46.9	0.66	0.76
	70	84'	49.1	0.67	0.77
	80	87'	52.6	0.67	0.77
	90	88'	54.8	0.68	0.79
	100	88'	57.9	0.72	0.83

G870 Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	kPa	Radius m	Flow m³/hr	l/min	Precip mm/hr
15 Gray	3.4	344	16.2	2.95	49.2	11 13
	4.1	413	16.5	3.20	53.4	12 14
	4.5	450	16.8	3.36	56.0	12 14
	4.8	482	17.1	3.52	58.7	12 14
	5.5	551	17.7	3.70	61.7	12 14
18 Red	3.4	344	17.7	3.23	53.8	10 12
	4.1	413	18.0	3.61	60.2	11 13
	4.5	450	18.3	3.70	61.7	11 13
	4.8	482	18.3	3.84	64.0	12 13
	5.5	551	18.6	4.04	67.4	12 14
20 Dk. Brown	4.1	413	18.6	4.27	71.2	12 14
	4.5	450	18.9	4.45	74.2	13 14
	4.8	482	19.2	4.66	77.6	13 15
	5.5	551	19.5	5.00	83.3	13 15
	6.2	620	19.5	5.32	88.6	14 16
23 Dk. Green*	4.1	413	19.2	4.57	76.1	12 14
	4.5	450	19.8	4.77	79.5	12 14
	4.8	482	19.8	4.97	82.9	13 15
	5.5	551	20.1	5.32	88.6	13 15
	6.2	620	20.4	5.66	94.3	14 16
25 Dk. Blue*	4.1	413	19.8	4.95	82.5	13 15
	4.5	450	20.4	5.11	85.2	12 14
	4.8	482	20.4	5.36	89.3	13 15
	5.5	551	21.0	5.75	95.8	13 15
	6.2	620	21.6	6.11	101.8	13 15
28 Black	4.8	482	21.6	6.38	106.4	14 16
	5.5	551	21.6	6.79	113.2	15 17
	6.2	620	22.3	7.22	120.4	15 17
	6.9	689	22.9	7.66	127.6	15 17

G875 Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	kPa	Radius m	Flow m³/hr	l/min	Precip mm/hr
15 Gray	3.4	344	17.4	3.04	50.7	10 12
	4.1	413	17.7	3.25	54.1	10 12
	4.5	450	18.0	3.36	56.0	10 12
	4.8	482	18.0	3.48	57.9	11 12
	5.5	551	18.3	3.73	62.1	11 13
18 Red	3.4	344	18.3	3.29	54.9	10 12
	4.1	413	18.6	3.57	59.4	10 12
	4.5	450	18.6	3.70	61.7	11 12
	4.8	482	18.9	3.84	64.0	11 12
	5.5	551	19.2	4.13	68.9	11 13
20 Dk. Brown	4.1	413	18.9	4.04	67.4	11 13
	4.5	450	18.9	4.13	68.9	12 13
	4.8	482	19.2	4.36	72.7	12 14
	5.5	551	19.5	4.66	77.6	12 14
	6.2	620	19.8	4.95	82.5	13 15
23 Dk. Green*	4.1	413	19.5	4.97	82.9	13 15
	4.5	450	19.8	4.86	81.0	12 14
	4.8	482	19.8	5.36	89.3	14 16
	5.5	551	20.1	5.82	96.9	14 17
	6.2	620	20.4	6.13	102.2	15 17
25 Dk. Blue*	4.1	413	19.8	5.34	89.0	14 16
	4.5	450	19.8	5.63	93.9	14 16
	4.8	482	20.4	5.82	96.9	14 16
	5.5	551	21.0	6.20	103.3	14 16
	6.2	620	21.6	6.59	109.8	14 16
28 Black	4.8	482	20.1	6.11	101.8	15 17
	5.5	551	20.7	6.56	109.4	15 18
	6.2	620	21.3	6.95	115.8	15 18
	6.9	689	21.6	7.34	122.3	16 18

G880 Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	kPa	Radius m	Flow m³/hr	l/min	Precip mm/hr
25 Lt. Blue	4.5	450	20.4	5.11	85.2	12 14
	4.8	482	21.0	5.43	90.5	12 14
	5.5	551	21.6	5.91	98.4	13 15
	6.2	620	21.9	6.34	105.6	13 15
	6.9	689	22.3	6.77	112.8	13 16
33 Gray	4.5	450	22.3	7.04	117.3	14 16
	4.8	482	22.6	7.31	121.9	14 17
	5.5	551	23.2	7.88	131.4	15 17
	6.2	620	23.5	8.40	140.1	15 18
	6.9	689	23.8	8.81	146.9	16 18
38 Red	4.5	450	23.2	7.97	132.9	15 17
	4.8	482	23.5	8.25	137.4	15 17
	5.5	551	24.1	8.75	145.7	15 17
	6.2	620	24.4	9.20	153.3	16 18
	6.9	689	24.7	9.75	162.4	16 19
43 Dk. Brown	4.5	450	23.8	8.90	148.4	16 18
	4.8	482	24.1	9.27	154.4	16 18
	5.5	551	25.0	9.93	165.4	16 18
	6.2	620	25.3	10.56	176.0	17 19
	6.9	689	25.6	11.09	184.7	17 20
48 Dk. Green*	4.5	450	25.0	9.95	165.8	16 18
	4.8	482	25.3	10.52	175.3	16 19
	5.5	551	25.9	11.13	185.5	17 19
	6.2	620	26.2	11.79	196.5	17 20
	6.9	689	26.5	12.36	205.9	18 20
53 Dk. Blue	4.5	450	25.3	10.65	177.5	17 19
	4.8	482	25.6	11.15	185.9	17 20
	5.5	551	26.5	11.95	199.1	17 20
	6.2	620	26.8	12.45	207.4	17 20
	6.9	689	26.8	13.15	219.2	18 21