

G800 SERIES

Model: **G885**
 Application: **Golf & Large Turf**
 Radius: **43' to 91'**
 Flow Rate: **8.2 to 57.5 GPM**

FEATURES

- Model: G885 – True full circle/adjustable part circle (60° to 360°)
- QuickCheck arc mechanism
- QuickSet-360 arc mechanism
- Dual trajectory color-coded nozzles:
 - 12 standard trajectory (22.5°)
 - 9 low-angle trajectory (15°)
- Nozzle range: #10 to #53
- Exclusive PressurePort™ nozzle technology
- Contour “Back-Nozzle” capabilities
- Ratcheting stainless steel riser
- Water lubricated gear-drive
- ▶ All TTS advanced features
- ▶ Decoder-In-Head (DIH) capable

OPERATING SPECIFICATIONS

- Radius: 43' to 91'
- Discharge rate: 8.2 to 57.5 GPM
- Pressure range: 50 to 100 PSI
- All TTS rotors are pressure rated at 150 PSI

OPTIONS

- C – Check-O-Matic checks up to 25' in elevation change and readily converts to Normally Open Hydraulic with through the top connections
- D – Decoder-In-Head with all “E” specifications below
- DD – Two-station Decoder Valve-In-Head with all “E” specifications below
- E – Electric Valve-In-Head with adjustable pressure regulation, on-off-auto selector, 190mA (350mA inrush) solenoid with captive plunger and internal downstream bleed

▶ = TTS and DIH Advanced Features detailed on pages 11-14



G885C
 Pop-up height: 3¾"
 Overall height: 11¾"
 Flange diameter: 7¼"
 Female Inlet: 1½" ACME
















G885E
 Pop-up height: 3¾"
 Overall height: 11¾"
 Flange diameter: 7¼"
 Female Inlet: 1½" ACME

G885 – SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Valve Options	3 Nozzle	4 Regulation*	5 Options
G885 = Full Circle/Part Circle 60°-360° Arc Range	C = Check-O-Matic* D = Decoder Valve-In-Head DD = Two-station Decoder Valve-In-Head E = Electric Valve-In-Head * Converts to N.O. Hydraulic Valve-In-Head	10 to 53 = Installed G885 Nozzle* * SSU = #18, #23, #25 or #48	P5 = 50 PSI (nozzles 10 to 18) P6 = 65 PSI (nozzles 18 to 25) P8 = 80 PSI (nozzles 25 to 53) * SSU = P5/#18, P6/#23, P8/#25, P8/#48	S = SSU* * Standard Stocking Unit

Example:
 G885 - E - 48 - P8 - S = G885 full/part circle electric valve-in-head, installed #48 nozzle, 80 PSI regulation, standard stocking unit model

G885 NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure (PSI)	Radius (FT.)	Flow (GPM)	Precip in/hr			
						■	▲		
Peach 803604 ●		White 315314 ●	50	43	8.2	0.43	0.49		
			60	44	9.8	0.49	0.56		
			65	45	10.1	0.48	0.55		
			-	-	-	-	-		
Lt. Green 803604 ●		White 315314 ●	50	48	11.7	0.49	0.56		
			60	50	12.8	0.49	0.57		
			65	51	13.4	0.50	0.57		
			-	-	-	-	-		
Peach 803604 ●		White 315314 ●	50	52	13.3	0.47	0.55		
			60	53	14.7	0.50	0.58		
			65	54	15.2	0.50	0.58		
			70	55	15.7	0.50	0.58		
White 803604 ●		White 315314 ●	80	57	17.0	0.50	0.58		
			Orange 803603 ●	White 315314 ●	50	55	16.7	0.53	0.61
			60		57	17.8	0.53	0.61	
			65		58	18.2	0.52	0.60	
70	58	19.3	0.55		0.64				
Orange 803603 ●		White 315314 ●	80	59	20.6	0.57	0.66		
			Lt. Green 803603 ●	White 315313 ●	50	58	18.4	0.53	0.61
			60		60	19.6	0.52	0.61	
			65		61	20.5	0.53	0.61	
70	61	21.5	0.56		0.64				
Tan 803603 ●		White 315313 ●	80	62	22.6	0.57	0.65		
			Lt. Green 803603 ●	White 315313 ●	50	61	21.0	0.54	0.63
			60		63	22.8	0.55	0.64	
			65		65	23.9	0.54	0.63	
70	66	25.8	0.57		0.66				
Green 803603 ●		White 315313 ●	80	67	27.9	0.60	0.69		
			Red 803602 ●	Green 315310 ●	65	69	29.4	0.59	0.69
			70		70	30.5	0.60	0.69	
			80		71	32.4	0.62	0.72	
90	72	34.2	0.63		0.73				
Blue 803602 ●		Green 315310 ●	100	73	36.3	0.66	0.76		
			Red 803602 ●	Green 315310 ●	65	69	31.0	0.63	0.72
			70		71	31.8	0.61	0.70	
			80		73	34.5	0.62	0.72	
90	74	36.7	0.65		0.74				
Grey 803602 ●		Green 315310 ●	100	76	38.5	0.64	0.74		
			Red 803602 ●	Green 315310 ●	65	73	35.1	0.63	0.73
			70		75	36.7	0.63	0.72	
			80		79	39.4	0.61	0.70	
90	79	41.2	0.64		0.73				
Red 803602 ●		Green 315310 ●	100	80	42.9	0.65	0.75		
			Red 803602 ●	Green 315310 ●	-	-	-	-	-
			80		80	43.5	0.65	0.76	
			90		81	46.4	0.68	0.79	
100	83	48.7	0.68		0.79				
Dk. Brown 803602 ●		Green 315310 ●	-	-	-	-	-		
			80	80	43.5	0.65	0.76		
			90	81	46.4	0.68	0.79		
			100	83	48.7	0.68	0.79		
Red 803602 ●		Dk. Green 315312 ●	-	-	-	-	-		
			80	85	49.3	0.66	0.76		
			90	86	52.2	0.68	0.78		
			100	88	54.7	0.68	0.79		
Dk. Red 803601 ●		Dk. Green 315312 ●	-	-	-	-	-		
			80	89	52.8	0.64	0.74		
			90	90	55.2	0.66	0.76		
			100	91	57.5	0.67	0.77		

● = Nozzle plug P/N 315300 installed in the back side of the nozzle housing.

* Preliminary performance data. Nozzles #10 thru #20 and low-angle nozzles available summer 2013.

G885 STANDARD NOZZLES

G885 LOW-ANGLE NOZZLES**











** Low-angle nozzles reduce radius by 15%



Contour "Back-Nozzle" Capabilities

Whether you want a little extra green behind your adjustable-arc G885 rotors or a more "modeled" look to your fairway's hard edges, Contour "Back-Nozzles" are here to make your vision a reality. Choose from four short-range or four mid-range nozzles to suit your needs.

CONTOUR BACK-NOZZLE PERFORMANCE DATA

P/N	Color	Profile	65 PSI		80 PSI	
			Radius	GPM	Radius	GPM
803604	Peach		25	3.4	27	3.9
803603	Orange		28	3.8	29	4.2
803602	Red		31	4.2	33	4.5
803601	Dk. Red		34	4.6	36	4.9
315314	White		37	2.8	38	2.9
315313	Lt. Green		42	4.3	44	4.7
315310	Green		46	5.2	48	5.7
315312	Dk. Green		49	7.9	51	8.8

G885 CONTOUR BACK-NOZZLES



QuickSet-360 with Ratcheting Riser

Setting up your adjustable arc G885 is fast and simple. The integrated ratcheting mechanism allows a simple twist of the riser to align the right-side reversing point. The G885 is also easily convertible to a true non-reversing full circle rotor with our exclusive QuickSet-360 feature.