

# G800 SERIES

Model: **G835**  
 Application: **Golf & Large Turf**  
 Radius: **18' to 50'**  
 Flow Rate: **1.9 to 12.8 GPM**

## FEATURES

- Model: G835: Full/Part circle (50° - 360°)
- QuickSet-360 arc mechanism
- Nozzle choices: 8 multi-trajectory (15° to 25°)
- Nozzle range: #2 to #12
- Water lubricated gear-drive
- ▶ All TTS advanced features
- ▶ Decoder-In-Head (DIH) capable

## OPERATING SPECIFICATIONS

- Radius: 18' to 50'
- Discharge rate: 1.9 to 12.8 GPM
- Pressure range: 40 to 65 PSI
- All TTS rotors 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



**G835C**  
 Pop-up height: 3"  
 Overall height: 11¼"  
 Flange diameter: 7¼"  
 Female Inlet: 1½" ACME



**G835E**  
 Pop-up height: 3"  
 Overall height: 11¼"  
 Flange diameter: 7¼"  
 Female Inlet: 1½" ACME

### G835 - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Valve Options	3 Nozzle	4 Regulation*	5 Options
<b>G835</b> = Full/Part Circle 50° - 360°	<b>C</b> = Check-O-Matic* <b>D</b> = Decoder Valve-In-Head <b>DD</b> = Two-station Decoder Valve-In-Head <b>E</b> = Electric Valve-In-Head * Converts to N.O. Hydraulic Valve-In-Head	<b>6</b> = Installed G835 Nozzle*  * Available in SSU models only SSU = #6 Includes 8-nozzle rack	<b>P5</b> = 50 PSI (nozzles 2 to 12) <b>P6</b> = 65 PSI (nozzles 10 to 12)  * SSU = P5/#6	<b>S</b> = SSU*  * Standard Stocking Unit

**Example:**  
**G835 - E - 6 - P5 - S** = G835 full/part circle electric valve-in-head, installed #6 nozzle, 50 PSI regulation, standard stocking unit model

**G835 NOZZLE PERFORMANCE DATA\***

Nozzle	Pressure (PSI)	Radius (FT.)	Flow (GPM)	Precip in/hr	
				■	▲
<b>2</b> ● Yellow	40	18	1.9	0.56	0.65
	50	20	2.1	0.51	0.58
	60	22	2.4	0.48	0.55
	65	23	2.6	0.47	0.55
<b>3</b> ● Yellow	40	23	3.0	0.55	0.63
	50	25	3.2	0.49	0.57
	60	27	3.5	0.46	0.53
	65	28	3.6	0.44	0.51
<b>4</b> ● Yellow	40	25	3.9	0.60	0.69
	50	28	4.1	0.50	0.58
	60	30	4.4	0.47	0.54
	65	31	4.6	0.46	0.53
<b>5</b> ● Yellow	40	29	4.7	0.54	0.62
	50	32	5.0	0.47	0.54
	60	33	5.3	0.47	0.54
	65	35	5.4	0.42	0.49
<b>6</b> ● Yellow	40	32	6.0	0.56	0.65
	50	35	6.3	0.50	0.57
	60	37	6.6	0.46	0.54
	65	39	6.8	0.43	0.50
<b>8</b> ● Yellow	40	36	7.8	0.58	0.67
	50	39	8.0	0.51	0.58
	60	42	8.3	0.45	0.52
	65	43	8.5	0.44	0.51
<b>10</b> ● Yellow	40	39	9.7	0.61	0.71
	50	43	10.1	0.53	0.61
	60	45	10.3	0.49	0.57
	65	47	10.5	0.46	0.53
<b>12</b> ● Yellow	40	44	12.0	0.60	0.69
	50	47	12.2	0.53	0.61
	60	48	12.5	0.52	0.60
	65	50	12.8	0.49	0.57

**G835 NOZZLES**

\* Complies to ASAE standard. All precipitation rates calculated for 360° operation. All triangular rates are equilateral.



G995 TTS Rotor

**Spacious TTS Flange Compartment**

All TTS rotors include ample room for solenoid splice connections and a decoder module when needed.