

G800 SERIES

Model: **G880**
 Application: **Golf & Large Turf**
 Radius: **67' to 88'**
 Flow Rate: **22.5 to 57.9 GPM**

FEATURES

- Model: G880 – Full circle
- Nozzle choices: 6 standard trajectory (25°)
- Nozzle range: #25 to #53
- Exclusive PressurePort™ nozzle technology
- Water lubricated gear-drive
- ▶ All TTS advanced features
- ▶ Decoder-In-Head (DIH) capable

OPERATING SPECIFICATIONS

- Radius: 67' to 88'
- Discharge rate: 22.5 to 57.9 GPM
- Pressure range: 65 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



G880C
 Pop-up height: 3"
 Overall height: 11¼"
 Flange diameter: 7¼"
 Female Inlet: 1½" ACME



G880E
 Pop-up height: 3"
 Overall height: 11¼"
 Flange diameter: 7¼"
 Female Inlet: 1½" ACME

G880 – SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Valve Options	3 Nozzle	4 Regulation*	5 Options
G880 = Full Circle	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	25 to 53 = Installed G880 Nozzle* * SSU = #25 or #48	P6 = 65 PSI (nozzle 25 only) P8 = 80 PSI (nozzles 25 to 53) * SSU = P6/#25 P8/#25 P8/#48	S = SSU* * Standard Stocking Unit

Example:
G880 - E - 48 - P8 - S = G880 full circle electric valve-in-head, installed #48 nozzle, 80 PSI regulation, standard stocking unit model

G880 NOZZLE PERFORMANCE DATA*

Nozzle	Pressure (PSI)	Radius (FT.)	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

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

G880 NOZZLES**TTS EQUALS CONVENIENCE AND VERSATILITY**

With TTS, every serviceable component of the rotor can be easily accessed anytime with no servicing mess whatsoever.