

G800 SERIES

Model: **G880**
Radius: **20.4 to 26.8 m**
Flow: **5.11 to 13.15 m³/hr; 85.2 to 219.2 l/min**

FEATURES

- Model: G880 – Full-circle
- Nozzle choices: 7 standard trajectory (25°)
- Nozzle range: #23 to #53
- Exclusive PressurePort™ nozzle technology
- Water-lubricated gear drive
 - ▶ All TTS advanced features
 - ▶ Decoder-In-Head (DIH) capable

OPERATING SPECIFICATIONS

- Radius: 20.4 to 26.8 m
- Flow: 5.11 to 13.15 m³/hr; 85.2 to 219.2 l/min
- Pressure range: 4.5 to 6.9 bar; 450 to 690 kPa
- All TTS rotors are pressure rated at 10 bar; 1,000 kPa

OPTIONS

- C – Check-O-Matic checks up to 8 m in elevation change and readily converts to Normally Open Hydraulic with through-the-top connections
- D – Decoder Valve-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, 210 mA (370 mA inrush) 50Hz; 190 mA (350 mA inrush) 60Hz solenoid with captive plunger and internal downstream bleed

* All DIH rotors include two 3M DBRY-6 splices for connection to the two-wire path. See page 205 for critical recommendations on grounding DIH rotors.

▶ = TTS and DIH Advanced Features detailed on pages 174 and 176



G880C
Pop-up height: 8 cm
Overall height: 30 cm
Flange diameter: 18 cm
Female Inlet: 1½" ACME



G880E
Pop-up height: 8 cm
Overall height: 30 cm
Flange diameter: 18 cm
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	23 to 53 = Installed G880 Nozzle* * SSU = #23, #25 or #48	P6 = 65 PSI (nozzles 23 and 25) P8 = 80 PSI (nozzles 23 to 53) * SSU = P6/#23, 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		Radius	Flow		Precip mm/hr	
	Bar	kPa	m	m ³ /hr	l/min	■	▲
23 ● Green	4.5	450	20.4	5.11	85.2	12.3	14.1
	4.8	480	21.0	5.43	90.5	12.3	14.2
	5.5	550	21.6	5.91	98.4	12.6	14.6
	6.2	620	21.9	6.34	105.6	13.2	15.2
	6.9	690	22.3	6.77	112.8	13.7	15.8
25 ● Blue	4.5	450	21.6	6.54	109.0	14.0	16.1
	4.8	480	22.3	6.79	113.2	13.7	15.8
	5.5	550	22.6	7.29	121.5	14.3	16.5
	6.2	620	22.9	7.79	129.8	14.9	17.2
	6.9	690	23.2	8.18	136.3	15.2	17.6
33 ● Grey	4.5	450	22.3	7.04	117.3	14.2	16.4
	4.8	480	22.6	7.31	121.9	14.4	16.6
	5.5	550	23.2	7.88	131.4	14.7	17.0
	6.2	620	23.5	8.40	140.1	15.3	17.6
	6.9	690	23.8	8.81	146.9	15.6	18.0
38 ● Red	4.5	450	23.2	7.97	132.9	14.9	17.2
	4.8	480	23.5	8.25	137.4	15.0	17.3
	5.5	550	24.1	8.75	145.7	15.1	17.4
	6.2	620	24.4	9.20	153.3	15.5	17.9
	6.9	690	24.7	9.75	162.4	16.0	18.5
43 ● Dk. Brown	4.5	450	23.8	8.90	148.4	15.8	18.2
	4.8	480	24.1	9.27	154.4	16.0	18.5
	5.5	550	25.0	9.93	165.4	15.9	18.3
	6.2	620	25.3	10.56	176.0	16.5	19.1
	6.9	690	25.6	11.09	184.7	16.9	19.5
48 ● Dk. Green	4.5	450	25.0	9.95	165.8	15.9	18.4
	4.8	480	25.3	10.52	175.3	16.4	19.0
	5.5	550	25.9	11.13	185.5	16.6	19.1
	6.2	620	26.2	11.79	196.5	17.2	19.8
	6.9	690	26.5	12.36	205.9	17.6	20.3
53 ● Dk. Blue	4.5	450	25.3	10.65	177.5	16.6	19.2
	4.8	480	25.6	11.15	185.9	17.0	19.6
	5.5	550	26.5	11.95	199.1	17.0	19.6
	6.2	620	26.8	12.45	207.4	17.3	20.0
	6.9	690	26.8	13.15	219.2	18.3	21.1

G880 NOZZLES

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

**TTS Equals Convenience and Versatility**

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