

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: 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: 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, 210mA (370mA inrush) solenoid with captive plunger and internal downstream bleed

▶ = TTS and DIH Advanced Features detailed on pages 141 and 143



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	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		Radius m	Flow		Precip mm/hr	
	Bar	kPa		m ³ /hr	l/min	■	▲
25 ● Lt. Blue	4.5	450	20.4	5.11	85.2	12.3	14.1
	4.8	482	21.0	5.43	90.5	12.3	14.2
	5.5	551	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	689	22.3	6.77	112.8	13.7	15.8
33 ● Grey	4.5	450	22.3	7.04	117.3	14.2	16.4
	4.8	482	22.6	7.31	121.9	14.4	16.6
	5.5	551	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	689	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	482	23.5	8.25	137.4	15.0	17.3
	5.5	551	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	689	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	482	24.1	9.27	154.4	16.0	18.5
	5.5	551	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	689	26.5	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	482	25.3	10.52	175.3	16.4	19.0
	5.5	551	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	689	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	482	25.6	11.15	185.9	17.0	19.6
	5.5	551	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	689	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 whatsoever.