

# G800 SERIES

Models: **G870 & G875**

Application: **Golf & Large Turf**

Radius: **47' to 75'**

Flow Rate: **7.7 to 33.7 GPM**

## FEATURES

- Models:
  - G870: Full circle
  - G875: Full/Part circle (50° - 360°)
- QuickSet-360 arc mechanism (G875)
- Nozzle choices:
  - G870: 6 standard trajectory (25°)
  - G875: 9 standard trajectory (25°)
- Nozzle range:
  - G870: #15 to #28
  - G875: #8 to #28
- Exclusive PressurePort™ nozzle technology
- Water lubricated gear-drive
  - ▶ All TTS advanced features
  - ▶ Decoder-In-Head (DIH) capable



### G870C

Pop-up height: 3"  
Overall height: 11¾"  
Flange diameter: 7¼"  
Female Inlet: 1½" ACME



### G875E

Pop-up height: 3"  
Overall height: 11¾"  
Flange diameter: 7¼"  
Female Inlet: 1½" ACME

## OPERATING SPECIFICATIONS

- G870
  - Radius: 53' to 75'
  - Discharge rate: 13 to 33.7 GPM
  - Pressure range: 50 to 100 PSI
- G875
  - Radius: 47' to 71'
  - Discharge rate: 7.7 to 32.3 GPM
  - Pressure range: 40 to 100 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

### G870 & G875 - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Valve Options	3 Nozzle	4 Regulation*	5 Options
<b>G870</b> = Full Circle	<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	<b>15 to 28</b> = Installed G870 Nozzle*	<b>P5</b> = 50 PSI (nozzles 15 to 18) <b>P6</b> = 65 PSI (nozzles 18 to 25) <b>P8</b> = 80 PSI (nozzles 25 to 28)  * SSU = P6/#23; SSU = P8/#25	<b>S</b> = SSU*
<b>G875</b> = Full/Part Circle 50° to 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>8 to 28</b> = Installed G875 Nozzle*  * SSU = #23 or #25	<b>P5</b> = 50 PSI (nozzles 8 to 18) <b>P6</b> = 65 PSI (nozzles 18 to 25) <b>P8</b> = 80 PSI (nozzles 25 to 28)  * SSU = P6/#23; SSU = P8/#25	<b>S</b> = SSU*  * Standard Stocking Unit

**Example:**

**G870 - E - 25 - P8 - S** = G870 full circle electric valve-in-head, installed #25 nozzle, 80 PSI regulation, standard stocking unit model

G870 NOZZLE PERFORMANCE DATA*					
Nozzle	Pressure (PSI)	Radius (FT.)	Flow (GPM)	Precip in/hr	
				■	▲
<b>15</b> ● Gray	50	53	13.0	0.45	0.51
	60	54	14.1	0.47	0.54
	65	55	14.8	0.47	0.54
	70	56	15.5	0.48	0.55
	80	58	16.3	0.47	0.54
<b>18</b> ● Red	50	58	14.2	0.41	0.47
	60	59	15.9	0.44	0.51
	65	60	16.3	0.44	0.50
	70	60	16.9	0.45	0.52
	80	61	17.8	0.46	0.53
<b>20</b> ● Dk. Brown	60	61	18.8	0.49	0.56
	65	62	19.6	0.49	0.57
	70	63	20.5	0.50	0.57
	80	64	22.0	0.52	0.60
	90	64	23.4	0.55	0.63
<b>23</b> ● Dk. Green	60	63	20.1	0.49	0.56
	65	65	21.0	0.48	0.55
	70	65	21.9	0.50	0.58
	80	66	23.4	0.52	0.60
	90	67	24.9	0.53	0.62
<b>25</b> ● Dk. Blue	60	65	21.8	0.50	0.57
	65	67	22.5	0.48	0.56
	70	67	23.6	0.51	0.58
	80	69	25.3	0.51	0.59
	90	71	26.9	0.51	0.59
<b>28</b> ● Black	70	71	28.1	0.54	0.62
	80	71	29.9	0.57	0.66
	90	73	31.8	0.57	0.66
	100	75	33.7	0.58	0.67

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

G875 NOZZLE PERFORMANCE DATA*					
Nozzle	Pressure (PSI)	Radius (FT.)	Flow (GPM)	Precip in/hr	
				■	▲
<b>8</b> ● Lt. Brown	40	47	7.7	0.34	0.39
	50	49	8.3	0.33	0.38
	60	50	9.2	0.35	0.41
	65	50	9.5	0.37	0.42
	70	51	9.9	0.37	0.42
	80	51	10.9	0.37	0.43
<b>10</b> ● Lt. Green	60	54	12.0	0.40	0.46
	65	54	12.5	0.41	0.48
	70	55	13.1	0.42	0.48
	80	56	14.3	0.44	0.51
	90	57	15.2	0.45	0.52
<b>13</b> ● Lt. Blue	50	55	11.2	0.36	0.41
	60	56	12.3	0.38	0.44
	65	56	12.8	0.39	0.45
	70	57	13.3	0.39	0.45
	80	57	14.3	0.42	0.49
<b>15</b> ● Gray	50	57	13.4	0.40	0.46
	60	58	14.3	0.41	0.47
	65	59	14.8	0.41	0.47
	70	59	15.3	0.42	0.49
	80	60	16.4	0.44	0.51
<b>18</b> ● Red	50	60	14.5	0.39	0.45
	60	61	15.7	0.41	0.47
	65	61	16.3	0.42	0.49
	70	62	16.9	0.42	0.49
	80	63	18.2	0.44	0.51
<b>20</b> ● Dk. Brown	60	62	17.8	0.45	0.51
	65	62	18.2	0.46	0.53
	70	63	19.2	0.47	0.54
	80	64	20.5	0.48	0.56
	90	65	21.8	0.50	0.57
<b>23</b> ● Dk. Green	60	64	21.9	0.51	0.59
	65	65	21.4	0.49	0.56
	70	65	23.6	0.54	0.62
	80	66	25.6	0.57	0.65
	90	67	27.0	0.58	0.67
<b>25</b> ● Dk. Blue	60	65	23.5	0.54	0.62
	65	65	24.8	0.56	0.65
	70	67	25.6	0.55	0.63
	80	69	27.3	0.55	0.64
	90	71	29.0	0.55	0.64
<b>28</b> ● Black	70	66	26.9	0.59	0.69
	80	68	28.9	0.60	0.69
	90	70	30.6	0.60	0.69
	100	71	32.3	0.62	0.71

**G870 & G875 NOZZLES**



**QuickSet-360**

With Hunter's QuickCheck arc mechanism and patented QuickSet-360 non-reversing full circle feature in a variable arc rotor, adjustments are fast, easy and more flexible than ever before. Now available on 35 Series and 75 Series rotors.