

The background of the advertisement is a photograph of a golf course at dusk or dawn. The sky is a deep, clear blue. In the upper left, the dark silhouette of a tree is visible against the sky. The sun is low on the horizon, creating a bright glow and casting long, soft shadows across the green grass. Several large, white, fan-shaped water sprays from the Hunter G870 irrigation system are visible, fanning out across the middle ground. The overall mood is serene and professional.

Hunter®
GOLF

G870

Heavy-Duty

Rotors

Completely

Serviceable

from the Top

G870 Golf and Large Turf Gear-Driven Rotors



A top performer on the course that makes easy maintenance a top priority. Featuring a totally revolutionary design, the new G870 is the first electric valve-in-head rotor where all parts are completely serviceable from the top. Not just the internal gear-drive and valve, but the pilot valve, pressure regulator, solenoid, valve seat and rock screen as well. But, ease of service isn't all that this new product has to offer. The G870 is also exceptionally versatile, with its wide range of flow and radius capabilities, a unique Check-O-Matic version that converts to support Normally Open Hydraulic valve-in-head installations, and adjustable pressure regulation with internal downstream porting on the electric versions. There's also a choice of full- and adjustable part-circle models, all offering a complete range of interchangeable, color-coded nozzles to meet your every need. And, thanks to Hunter's patented Pressure Port™ technology, the G870 delivers the ultimate in distribution uniformity. Through-the-top serviceability and over the top performance. It's a combination that makes the G870 your top choice.

FEATURES & BENEFITS



All components easily accessed without digging up the turf

Service the pilot valve, pressure regulator, solenoid, wire connections, inlet valve seat and rock screen without disturbing turf

Unitized valve includes snap ring, valve seat, and rock screen

Flush piping and repair leaks caused by contamination with ease

Adjustable pressure regulation hidden in flange compartment

Prevents adjustments by untrained personnel or golfers while maintaining flexibility

Closed-case design and integrated heavy-duty snap ring seal

Helps prevent stick-ups and leaking seals caused by external contaminants and top-dressing

Exclusive Pressure Port™ performance enhancing technology

Patented design delivers uniform water coverage to keep courses looking great

Created by the world leader in gear-driven rotors

Performance, reliability and long life assured by the company that has set the standards for rotor quality

Hunter G870: Quick, Clean and Easy to Service!



1. The Hunter G870 is the only golf rotor with every serviceable component accessible from the top - without excavation of the surrounding turf!



2. For the first time, access to the pilot valve, adjustable pressure regulator and solenoid is simple and easy.



3. The pop-up riser's large filter screen can be accessed by removing the heavy-duty snap ring with integrated wiper seal.



4. The slow closing inlet valve features total integration of the snap ring, valve seal, valve seat and rock screen. An industry first from Hunter Golf!



5. To complete the package, the G870 includes a heavy-duty body with integrated ACME threads molded right into the body.

Pressure Port™: Great Uniformity with Unsurpassed Close-in Coverage



The problem with high flow, high pressure rotors is the tremendous force of the primary stream tends to draw water away from the smaller secondary nozzle. Thus, the efficiency of the nozzles intended for short and medium range coverage is limited. Hunter's patented Pressure Port™ system on the G870 rotor provides the solution by reducing velocity and pressure to the secondary nozzles. This creates larger water droplets that are less affected by the primary nozzle and less likely to be carried away in the wind. The end result is exceptional close-in coverage and uniformity overall.

G870
Heavy-Duty
Rotors
Completely
Serviceable
from the Top



Models

- G870 – Full circle
- G875 – Adjustable arc (40°-360°)

Model Variations

- G870C/G875C – Check-O-Matic checks up to 25 feet in elevation change and readily converts to Normally Open Hydraulic with through the top connections
- G870E/G875E – Electric Valve-in-Head with adjustable pressure regulation, on-off-auto selector, 0.25A (0.40A inrush) solenoid with captive plunger

Dimensions

- Pop-up height: 3½"
- Female inlet: 1½" ACME
- Flange diameter: 7¼"
- Overall height: 11¾"

Operating Specifications

G870

- Discharge rate: 13 to 33.7 gpm
- Radius: 53' to 75'
- Pressure range: 50 to 100 psi

G875

- Discharge rate: 7.7 to 32.3 gpm
- Radius: 47' to 71'
- Pressure range: 40 to 100 psi

Two Valve-in-Head Models With Flexibility Plus

The C.O.M. and N.O. Hydraulic Model "C"

For block-type systems, select this Check-O-Matic model for dependable operation and a standard 25' check height capability. If you need the lightning protection benefits of a Normally Open Hydraulic valve-in-head rotor, the model "C" is the perfect choice! No other hydraulic valve-in-head rotor allows you to make your connections, test your pressure and flush your tubing through the top of the rotor – all without digging up the turf!

The Electric Valve-in-Head Model "E"

For custom control flexibility, choose the Electric Valve-in-Head model "E". With internal downstream bleed porting, wet areas around the head are minimized. The adjustable pressure regulator can be set to optimize performance, the serviceable solenoid can be flushed to clear leak-creating contaminants, and if servicing is required, the solenoid electrical connections are made from the flange compartment – all without digging up the turf!

G870 Performance Chart			
Color Coded Nozzle	Pressure PSI	Radius ft.	Flow GPM
15 Gray	50	53'	13.0
	60	54'	14.1
	65	55'	14.8
	70	56'	15.5
	80	58'	16.3
18 Red	50	58'	14.2
	60	59'	15.9
	65	60'	16.3
	70	60'	16.9
	80	61'	17.8
20 Dk. Brown	60	61'	18.8
	65	62'	19.6
	70	63'	20.5
	80	64'	22.0
	90	64'	23.4
23 Dk. Green*	60	63'	20.1
	65	65'	21.0
	70	65'	21.9
	80	66'	23.4
	90	67'	24.9
25 Dk. Blue*	60	65'	21.8
	65	67'	22.5
	70	67'	23.6
	80	69'	25.3
	90	71'	26.9
28 Black	70	71'	28.1
	80	71'	29.9
	90	73'	31.8
	100	75'	33.7

*Denotes nozzle installed in standard stocking unit (SSU).

Data represent test results in zero wind. Adjust for local conditions.

Performance data are derived from tests that conform to ASAE Standard S398.1. See Hunter Irrigation products catalog for complete ASAE Certification Statement.

G875 Performance Chart			
Color Coded Nozzle	Pressure PSI	Radius ft.	Flow GPM
8 Lt. Brown	40	47'	7.7
	50	49'	8.3
	60	50'	9.2
	65	50'	9.5
	70	51'	9.9
10 Lt. Green	50	53'	10.9
	60	54'	12.0
	65	54'	12.5
	70	55'	13.1
	80	56'	14.3
13 Lt. Blue	50	55'	11.2
	60	56'	12.3
	65	56'	12.8
	70	57'	13.3
	80	57'	14.3
15 Gray	50	57'	13.4
	60	58'	14.3
	65	59'	14.8
	70	59'	15.3
	80	60'	16.4
18 Red	50	60'	14.5
	60	61'	15.7
	65	61'	16.3
	70	62'	16.9
	80	63'	18.2
20 Dk. Brown	60	62'	17.8
	65	62'	18.2
	70	63'	19.2
	80	64'	20.5
	90	65'	21.8
23 Dk. Green*	60	64'	21.9
	65	65'	21.4
	70	65'	23.6
	80	66'	25.6
	90	67'	27.0
25 Dk. Blue*	60	65'	23.5
	65	65'	24.8
	70	67'	25.6
	80	69'	27.3
	90	71'	29.0
28 Black	70	66'	26.9
	80	68'	28.9
	90	70'	30.6
	100	71'	32.3

PRODUCT EXPLANATION

EXAMPLE: **G870E - 25 - P8 - S**

G870 FULL CIRCLE MODELS	G870 NOZZLES*	PRESSURE REGULATION*	OPTIONS
G870C = Check-O-Matic converts to N.O. Hydraulic Valve-in-Head	15-28 = Nozzle Factory Installed	(Electric V.I.H. only)	S = Standard Stocking Unit (SSU)
G870E = Electric Valve-in-Head*		P5 = 50 psi P6 = 65 psi P8 = 80 psi	
G875 ADJUSTABLE ARC MODELS	G875 NOZZLES*		
G875C = Check-O-Matic converts to N.O. Hydraulic Valve-in-Head	8-28 = Nozzle Factory Installed		
G875E = Electric Valve-in-Head*			
* nozzles limited to 10-28	* SSU = #23 (P6) #25 (P8)	* SSU = P6 (#23) P8 (#25)	

Hunter Industries Incorporated • The Irrigation Innovators

1940 Diamond Street • San Marcos, California 92069 • TEL: (1) 760-744-5240 • FAX: (1) 760-471-9626
www.HunterGolf.com

© 2002 Hunter Industries Incorporated
P/N 700793 GLIT-037 4/02