

Hunter[®]
G O L F

G860
*Low Pressure
Specialist
Completely
Serviceable
from the Top*



G860 Golf and Large Turf Gear-Driven Rotors

Here's a rotor that delivers a highly efficient water distribution profile while placing a high priority on ease of servicing. The new G860 rotor has been designed to perform at low pressures with low precipitation rates in order to help you lower the cost of irrigating large expanses of turf. The G860 offers a wide range of flow and radius capabilities, full- and adjustable part-circle models, 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. The G860 also features Hunter's patented Precision Distribution Control™ technology, making the rotor a top performer when it comes to water-efficiency. When it comes to servicing, the G860 comes out on top as well...as in "through-the-top." It's the first electric valve-in-head rotor where all parts boast complete through-the-top serviceability (not just the internal gear-drive and valve, but the pilot valve, pressure regulator solenoid, valve seat and rock screen as well). If you have low pressure applications, only one rotor is your top choice. The G860. Tops in performance, tops in service, tops in reliability.



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

Patented performance with Precision Distribution Control™

Low-pressure problem solver boosts efficiency and saves money

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 G860: Quick, Clean and Easy to Service!



1. The Hunter G860 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 & 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 G860 includes a heavy-duty body with integrated ACME threads molded right into the body.



In diffused mode (top), Precision Distribution Control™ provides exceptional close-in coverage. In non-diffused mode (bottom), large wind-fighting droplets maintain long-range performance.

Precision. Distribution. Control. **The name says it all.**

No gimmicky names here. No fancy catch phrases. Just an innovative performance feature that provides you with exactly what it says. The Hunter G860 golf rotor boasts a single nozzle design that features Precision Distribution Control™. Thanks to gear-driven diffusers that intermittently break up the stream, Precision Distribution Control™ creates excellent uniformity at very low operating pressures. In new golf course installations, this patented technology reduces installation costs, on-going operating expenses and long term maintenance budgets. In addition to these cost saving advantages, existing courses can reap the benefits of the G860's problem solving capabilities: Pumps can't keep up with the pressure demands of high flow sprinklers? Do you have extreme elevation changes creating low-pressure areas? Is your irrigation system over-extended due to years of gradual expansion? Postpone these otherwise expensive major upgrades with the cost-effective solution - the Hunter G860!

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G860 Performance Chart

Color Coded Nozzles	Pressure PSI	Radius ft.	Flow GPM
7 Orange	40	51'	6.5
	50	54'	7.5
	60	56'	8.0
	65	56'	8.2
10 Lt. Green	40	53'	8.5
	50	56'	9.5
	60	58'	10.2
	65	58'	10.5
13 Lt. Blue	40	56'	10.5
	50	58'	12.4
	60	60'	13.0
	65	60'	13.3
15 Gray	40	58'	12.5
	50	60'	14.0
	60	62'	15.1
	65	62'	15.5
18 Red*	40	59'	15.6
	50	62'	17.7
	60	65'	18.9
	65	66'	19.4
20 Dk. Brown	40	62'	17.5
	50	64'	19.1
	60	66'	20.8
	65	67'	21.6

G865 Performance Chart

Color Coded Nozzles	Pressure PSI	Radius ft.	Flow GPM
7 Orange	40	50'	6.5
	50	52'	7.1
	60	54'	7.7
	65	55'	8.0
10 Lt. Green	40	53'	8.5
	50	56'	9.5
	60	58'	10.2
	65	58'	10.5
13 Lt. Blue	40	56'	10.5
	50	58'	12.1
	60	60'	13.0
	65	60'	13.2
15 Gray	40	58'	12.5
	50	60'	13.9
	60	62'	15.1
	65	62'	15.4
18 Red*	40	59'	15.6
	50	62'	17.5
	60	65'	18.6
	65	66'	19.1
20 Dk. Brown	40	62'	17.5
	50	64'	19.1
	60	66'	20.4
	65	67'	21.2

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

Data represent tests 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.

Models

- G860 – Full circle
- G865 – Adjustable arc (40°-360°)

Model Variations

- G860C/G865C – Check-O-Matic checks up to 25 feet in elevation change and readily converts to Normally Open Hydraulic Valve-in-Head with through the top connections
- G860E/G865E – 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

G860

- Discharge rate: 6.5 to 21.6 gpm
- Radius: 51' to 67'
- Pressure range: 40 to 65 psi

G865

- Discharge rate: 6.5 to 21.2 gpm
- Radius: 50' to 67'
- Pressure range: 40 to 65 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 rotor, the model "C" is the perfect choice! No other hydraulic 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 down-stream 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!

PRODUCT EXPLANATION

EXAMPLE: **G865E - 18 - P6 - S**

G860 Full Circle Models	G860 NOZZLES*	PRESSURE REGULATION*	OPTIONS
G860C = Check-O-Matic converts to N.O. Hydraulic Valve-in-Head G860E = Electric Valve-in-Head*	7-20 = Nozzle Factory Installed	(Electric V.I.H. only) P5 = 50 PSI P6 = 65 PSI	S = Standard Stocking Unit (SSU)
G865 Adjustable Arc Models	G865 NOZZLES*		
G865C = Check-O-Matic converts to N.O. Hydraulic Valve-in-Head G865E = Electric Valve-in-Head*	7-20 = Nozzle Factory Installed		
* nozzles limited to 10-20	* SSU = #18	* SSU = P6	