

### Genesis Viking Two-wire Decoder Control

**R**educing equipment and installation costs in a golf course irrigation system, while maintaining quality and program flexibility, has been little more than wishful thinking—until now! With the Genesis Viking System, a single two-wire cable is installed over the entire course, and connects heavy-duty waterproof decoders which both *select* and *power* valves and/or electric valve-in-head sprinklers. This economical solution allows you to operate a mix and match of radio and hardwire units, as well as decoder and conventional units. Operated from a stand-alone, pedestal mounted console or multiple consoles, Genesis Viking can also be upgraded for integration with a Windows™ driven Genesis Central computer system. A single Viking console operates up to 103 decoders/stations



and up to 8 stations can operate simultaneously. To insure easy installation, each Viking field component features color-coded wire leads, and all surge protectors have built-in ground leads. Proven over several years to survive in severe moisture and environmental extremes, Viking can be counted on to deliver flawless performance even in the harshest conditions. Genesis Viking—another example of Hunter Golf's dedication to the future of golf course irrigation.

#### FEATURES & BENEFITS



##### **103 station controllers; up to 8 stations operating simultaneously**

Lowers cost by reducing wire and installation time

##### **1 two-wire cable with decoders activates entire system**

Reduces cost by reducing wire and labor costs

##### **20 independent start times**

Flexibility for every programming need

##### **Multiple or continuous cycles with programmable cycle delays**

Soak-in times between cycles reduces water waste

##### **Water budgeting (1 to 512%) and 1 to 32 day scheduling**

Water-saving management features

##### **Non-volatile field resident memory**

Retains program if power or communication fails

##### **Easy communications upgrades via hardware or radio**

Add the power of central computer control at any time

##### **Rugged field decoders with proven surge protection**

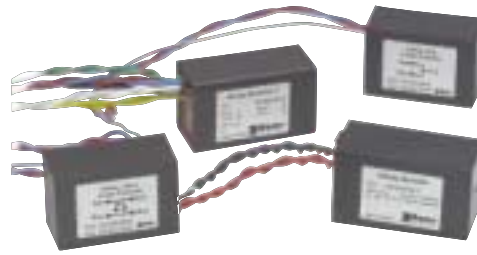
Single station and 4 station versions are reliable in all field conditions

**Console Dimensions**

- 36" (92 cm) tall x 13 1/2" (35 cm) wide x 10" (26 cm) deep

**Console Electrical Specifications**

- Primary (Input): 105-125 VAC, 60Hz, 1 Amp max.
- Primary (Input) SV version: 205-230 VAC, 50Hz, .62 Amp max.



*Viking's waterproof surge protectors, single and four-station decoders are equipped with color-coded wiring and ground leads.*

**Decoder Information**

- Up to 103 stations per console (any combination of single and 4-station decoders)
- Up to 999 consoles per system
- Up to five 2-wire paths possible per console (plus multiple branching per path)
- Up to 2 solenoids per single decoder output (average depending on solenoid)
- 4-station decoders feature four individual outputs
- Decoder programming through console keypad

**Decoder Electrical Specifications**

- Decoder output current: 12 mA
- Decoder standby current: .4 mA

**Decoder Wiring**

- GVIKCBL1 : #14-2 Cable (up to 10,000' runs)
- GVIKCBL2: #12-2 Cable (up to 15,000' runs)



*Programming inputs are simple with the large and easy-to-read keypad and illuminated display.*

**Optional Utility Software**

GVIK1 software and cable interface enables direct operation, programming and diagnostics of Viking decoders from a laptop computer.

**Optional Central Control**

Computerized central control for Genesis Viking can be added at any time with either radio or hardwire communications. Genesis III for Windows™ software is available on CD-ROM, pre-loaded on a GENPC central computer. Genesis decoder controllers may also be mixed in the same Genesis system with conventional controllers. See Hunter Golf GLIT-007 for detailed specifications.



*Hunter Golf offers a full line of advanced and efficient products for the golf course irrigation market.*

**PRODUCT EXPLANATION**

EXAMPLE: **VGFC-HW-SV**

MODELS*	COMMUNICATION TYPE	OPTIONS
VGFC = Stainless Steel Pedestal	S = Stand-Alone	SV = 230 VAC
VGFCP = Plastic Pedestal	HW = Hardwire	
VGWC = Stainless Steel Wall-Mount	R = Radio*	
VGWCP = Plastic Wall-Mount	*Licence required, specify Frequency when ordering	
(VSX version, replace "G" with "V")		
MODULES		
GVIKDEC = Single Station Decoder		
GVIKDEC4 = 4 Station Decoder		
GVIKLSPN = In-line Surge Protector		
GVIKLSPE = End Surge Protector		
DECODER WIRING		
GVIKCBL1 = up to 10,000 feet		
GVIKCBL2 = up to 15,000 feet		