



## VSX™ Field Controllers (Stand-alone, Radio and Hardwire)

The VSX™ Field Controller is a premium heavy-duty irrigation controller, designed for both stand-alone grow-in use and integration into a Vista or Surveyor computerized central system.

Up to 64 programs are stored in its non-volatile memory, allowing the VSX™ Field Controller to water massive irrigation schedules without direction from the central computer. VSX™ Field Controllers include user-defined presets for one-touch triggering of common functions, such as syringing and trouble-spot watering. These powerful, intelligent controllers also create and store reports on-board, which can be reviewed on-site or back at the central computer. Once a central control package is installed, the VSX™ then functions as

the local memory center for computer-generated schedules, while retaining its powerful standalone capabilities.

The VSX™ is built on Hunter's field-proven Genesis hardware system and is available in up to 60 station configurations. Their modular construction allows easy field service and expansion while an illuminated 40-character LCD display with alphanumeric program names and large, durable keypad enables easy local programming and adjustment.



## VSX™ Field Controllers

*Rugged Full-Featured Controller for Standalone or Network Use*

### FEATURES & BENEFITS



#### **64 programs, manual and semi-auto functions, multiple cycles, and cycle delays**

Provides program flexibility for the most demanding schedules

#### **Up to 60-station units, with optional manual On-Off-Auto switches**

High capacity, expandable controllers reduce cost

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

Prevents lost irrigation in event of power or communication failure

#### **Heavy duty HALT™ surge and lightning protection**

Insures long life and reliable operation

#### **Automatic current overload protection**

Protects controller from field solenoid malfunctions

#### **User-defined presets & blocks**

Automate common functions (syringing, etc.) for instant recall & activation

#### **Modular communications options**

Permits communications upgrades at any time

### Dimensions

- Stainless Steel Pedestal: 36" (92 cm) tall x 13.5" (35 cm) wide x 10" (26 cm) deep
  - Plastic Pedestal: 35" (89 cm) tall x 17.5" (45 cm) wide x 10.5" (27 cm) deep
  - Average weight: 56 lbs (25.5 kilos)
- Stainless and Plastic Wall-Mount enclosures available upon request

### Electrical Specifications

- Primary (Input): 105-125VAC, 60Hz 1A maximum
- Primary (Input) SV Version : 205-230VAC, 50Hz, .62A max.
- Secondary (Output): \*24VAC, 50/60Hz 1A max. per station 3A total output 1.67A communications output

\*NOTE: Pump output 1 Amp max. if connected

### Signal Output

- Radio: 2 Watts, UHF (450-470 MHz)
- Hardwire: 4 - 20 milliamp loop

### Communications Wiring (Hardwire)

- GCBL: Shielded 2 twisted pair, 18AWG
- GCBLA: Armored, shielded 2 twisted pair, 18AWG (for direct burial applications)

### Options

- SW: On-Off-Auto switches for each station
- SV: 230VAC versions (50/60 Hz, selectable)

### Accessories:

- TRNR: Handheld Radio for Maintenance Radio communications
- TRIRAD2KT: Maintenance Radio capability for hardwire systems (through the Central Interface, does not include TRNR)



A wide range of enclosures are available, including stainless steel or durable plastic in either pedestal or wall-mount versions.

## A Loss of Power Doesn't Mean a Loss of Scheduling

The temporary loss of your electricity shouldn't result in putting your system out of commission. Especially in areas where wind or lightning or unreliable power sources are a concern, you need to have a dependable backup to keep your system functioning. The VSX™ Field Controller stores your entire watering schedule in its field resident memory. Thus, if communication between the central control and the field satellite is lost, the VSX™ has the ability to function on its own and can continue to operate independently. It's the premier product in its class... and your guarantee of uninterrupted service.



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



The VSX™ (in two-way radio or hardwire, or as a standalone) is part of full line-up of Hunter golf irrigation products.



Hunter offers a full line of advanced, efficient products for the golf course irrigation market

### PRODUCT EXPLANATION

EXAMPLE: **VFC - 20 - HW - SW**

MODELS	STATION QUANTITY	COMMUNICATION TYPE	OPTIONS
VFC = Stainless Steel Pedestal	20 = 20 stations	S = Stand-alone	SW = Switches
VFCP = Plastic Pedestal	30 = 30 stations	HW = Hardwire	SV = 230VAC
VWC = Stainless Steel Wall-Mount	40 = 40 stations	R = Radio*	
VWCP = Plastic Wall-Mount	50 = 50 stations		
	60 = 60 stations		
		*License required. Specify Frequency when ordering	