

Attractive and easy to install, the VEX Series combines contemporary styling with quality LED illumination. Includes covers for both single- and double-face, red or green configurations.

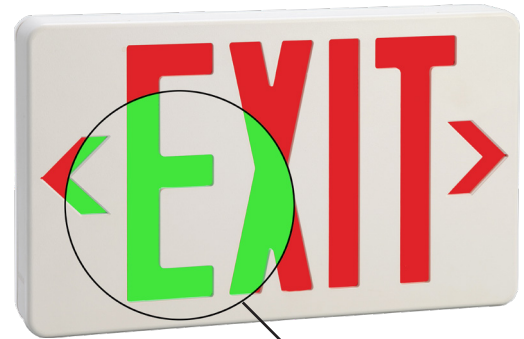
Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____

FEATURES & BENEFITS

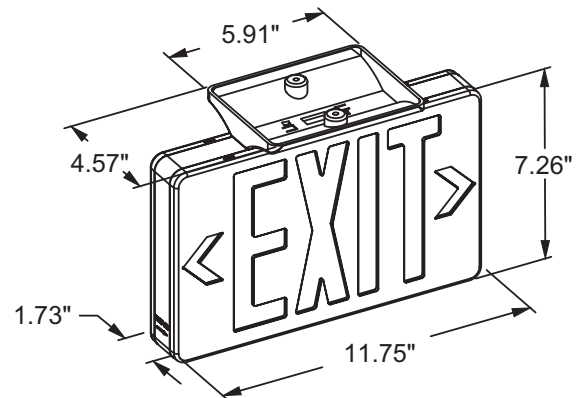
- Compact, low-profile, snap-together design
- Maintenance-free NiCad battery with 1.5 watts remote capacity for use with [JLED](#), [RL1-WP](#), or [RL52](#) remote lamp heads
- Field-switchable red/green letters
- Universal single- or double-face
- Field-selectable directional chevron knockouts
- Suitable for Damp Locations

SPECIFICATIONS

Illumination:	Constant, uniform illumination by long-life, high-intensity, red and green LEDs
Housing:	Rugged, injection-molded, UL 94 5VA flame-retardant, high-temperature thermoplastic housing
Input:	120/277VAC Dual primary, 60Hz
Battery:	Maintenance-free NiCad battery
Run Time:	UL Listed 90 minute emergency run time, 24 hour recharge time
Legend:	Fully-illuminated 6" characters with 3/4" stroke and field-selectable directional chevrons
Mounting:	Ceiling, end or wall mounted, canopy included
Finishes:	Black or White
Options:	G2 - Guardian self-test/Self-diagnostics
Operating Temp:	10°C to 40°C (50°F to 104°F)
Certifications:	UL Listed for Damp Locations and meets or exceeds the following: NEC requirements and NFPA 101
Warranty:	Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information. (Terms and Conditions apply)



Field-switchable red and green legends



ORDERING INFORMATION Example: VEX-RG-U-WB-WH-R-G2

Series	LED Color	Style	Power Source	Finish	Remote Capacity	Options (Factory Installed)
VEX	RG = Red/Green Switchable	U ¹ = Universal	WB = NiCad Battery	BL = Black WH = White	R ² = 1.5W Remote	G2 = Self-test/Self-diagnostics
						Accessories³ (Field installed, order as separate line item)
						ER1-KIT-WH ⁴ = 1' Pendant Mount Kit, White
						ER1-KIT-BL ⁴ = 2' Pendant Mount Kit, Black
						ER2-KIT-WH ⁴ = 2' Pendant Mount Kit, White
						ER2-KIT-BL ⁴ = 2' Pendant Mount Kit, Black
						VEPA = Pendant Adapter
						WG-S = Wire Guard (Back Mount)
						XG-1 = Poly Guard (Back Mount)
Notes						
¹ Universal includes second exit face and backplate						
² For use with JLED , RL1-WP , or RL52 remote lamp heads						
³ Order as separate line item						
⁴ Requires VEPA accessory option						

ELECTRICAL RATINGS

Model	NiCad Battery	Brownout	Low Voltage Disconnect	Overload disconnect	Short Circuit Disconnect	Solid State Transfer	Input Rating				Remote Capability
							VAC	Hz	mA	W	
VEX-RG-U-WB-XX-R	3.6V 1000mAh	NO	YES	NO	NO	YES	120/277	60	27	2.94W	3.6V 1.5W
VEX-RG-U-WB-XX-R-G2	3.6V 1000mAh	NO	YES	YES	YES	YES	120/277	60	35	2.94W	3.6V 1.5W

CONSTRUCTION

The VEX-R-RG Series is constructed of a precision-molded housing utilizing 5VA flame-retardant, corrosion-proof thermoplastic. Units resist denting, peeling, scratching and corrosion. Black or White finish.

ILLUMINATION

Illumination of the VEX-R-RG Series is achieved with high-output, long-lasting red and green LEDs. Exclusive color matched red and green diffusers eliminate hot spots and striations, providing optimal light output. LEDs are a maintenance-free solution.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 60Hz.

Nickel Cadmium Battery – NiCad

Extronix nickel cadmium batteries are maintenance-free.

Emergency

The VEX-R-RG Series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Test Button

The test button is easy to locate and provides manual verification of the transfer circuit and emergency backup.

Damp Location Rated

Damp Location Rated fixture that is normally or periodically subject to condensation of moisture in, on or adjacent to, and includes partially protected locations.

Remote Capable

The VEX-R-RG is remote capable and provides up to 1.5W of remote power for 90 minutes. Compatible with [JLED](#), [RL1-WP](#) or [RL52](#) remote lamp heads.

INSTALLATION

Simple snap together universal design allows for faceplate and backplate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into enclosure with two positive locking tabs.

OPTIONS

Guardian G2 Self-test/Self-diagnostics

The Guardian bi-color circuit is factory preset; without any field adjustments needed. It continuously monitors the performance condition of the AC power, battery supply, and charging circuitry.

The intent of this option is to provide visual signaling to identify fault at the Exit. Fault indicators are as follow:

1. Green: On/Ready
Blinking: Testing
2. Red: Service Alert
3. Service Alert LED Code (Red LED Lamp Indicator)

•	One blink, 4 second pause	Battery not connected
• •	Two blinks, 4 second pause	Battery voltage too low
• • •	Three blinks, 4 second pause	Charging circuit failure
• • • •	Four blinks, 4 second pause	Transfer function failure
• • • • •	Six blinks, 4 second pause	Remote lamp failure
• • • • • •	Seven blinks, 4 second pause	LED strip failure (EXIT legend)

NOTE: After solving the fault of the emergency equipment, press the test button for two seconds without releasing to reset. LED indicator will show green.

Self-testing/Self-diagnostics also has a manual test function, press test button as follows:

Press test button once	30 Second discharge test
Press test button twice within two seconds	3 Minute discharge test
Press test button three times within two seconds	30 Minute discharge test
Press test button four times within two seconds	90 Minute discharge test

CONFORMANCE TO CODES & STANDARDS

The VEX-R-RG Series is UL 924 Listed for Damp Locations and meets or exceeds the following: NEC requirements and NFPA 101.