



CV3 Series

Thermoplastic LED Exit Signs



CV3 thermoplastic exit signs feature an attractive, high impact, UV stable, injection molded enclosure. CV thermoplastic exits offer bright and even LED illumination, low energy consumption, universal chevrons, universal back / ceiling / end mounting, and contractor-friendly quick installation. Emergency version also includes high temperature, long life nickel-cadmium battery.

Standard Features

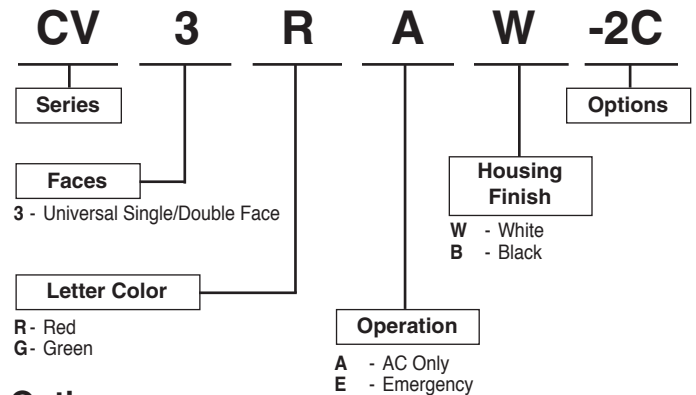
All Models

- UV-stable thermoplastic housing
- Compact, low-profile design
- Easy to install
- Long-life LED lamps
- Bright, even illumination
- Red and green letters
- Universal single/double face
- White or black finishes
- Push-in wiring connectors
- Universal end/ceiling/wall mount
- Universal snap-in, chevron arrows
- Damp location listed
- 120/277VAC, 60 Hz operation

Emergency Models

- Solid-state charger with low voltage disconnect
- Maintenance-free NiCad battery
- 90 minute emergency operation
- Test switch and AC-On light
- Temperature range: 0°C to 40°C (32°F to 104°F)
- UL 924 Listed
- Available with Spectron® self-diagnostic/self-testing electronics option

Ordering Guide



Options

- I** Spectron self-diagnostic/self-testing electronics ⁽¹⁾
- 2C** 2-circuit operation ⁽²⁾⁽⁶⁾
- FAP** Fire alarm panel interface ⁽³⁾⁽⁵⁾⁽⁶⁾
- FM** Flasher module ⁽¹⁾⁽⁵⁾
- AF** Audible/Flasher module ⁽¹⁾⁽⁵⁾
- DC** Remote DC operation ⁽²⁾⁽⁴⁾⁽⁶⁾
- 24K** 220-240VAC, 60 Hz operation

⁽¹⁾ Available on emergency models only.

⁽²⁾ For use with AC models only.

⁽³⁾ Operates with 24-volt AC or DC fire alarm panels.

⁽⁴⁾ For emergency illumination of sign from remote 6-24 VDC power sources.

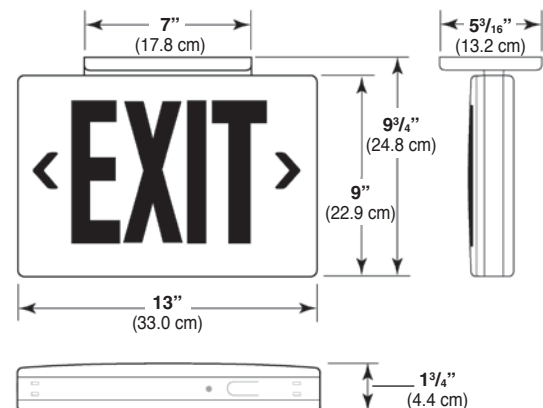
⁽⁵⁾ -FAP, -FM, and -AF options may not be specified together.

⁽⁶⁾ -DC option may not be specified with -2C or -FAP.

Accessories

- PMLXB** Pendant mounting kit (black)
- PMLXW** Pendant mounting kit (white)
- WGLX** Wire guard (Wall mount)
- WG-MLT** Wire guard (Wall mount)
- WGLXC** Wire guard (Ceiling mount)
- WGLXE** Wire guard (End mount)
- VRS3** Vandal resistant shield

Dimensions



Hubbell Lighting, Inc.

Construction

Sign: Housing, exit face(s) and matching canopy constructed of flame-rated, UV stable thermoplastic

Sign Finish: Textured bright white or black

Diffuser: .030 Polystyrene

Diffuser Finish: Frequency-matched silkscreened coating provides optimized LED light output

Exit Face Design

Letters: 6" letters, 3/4" stroke

Directional Arrows: Snap-in chevron type

Illumination

All Models: red or green high-output LEDs

Rated lamp life: In excess of 20 years

Brightness Index: Exceeds UL requirements

Illumination Uniformity: Exceeds UL requirements

Installation

Mounting: Sign mounts to 3 1/2", 4" octagon, or 4" square outlet boxes and standard plaster rings.

Wall Installations: Back plate provides a knockout pattern for mounting to outlet box. Keyhole knockout provided for securing housing to wall surface.

Ceiling or End Installations: Mounting canopy provided with all models. Canopy mounts to outlet boxes by means of mounting plate supplied. Exit housing snaps to canopy.

Wiring: Pre-stripped AC input pigtail leads provided. Push-in wire connectors supplied for making AC connections. All wiring dresses into formed wireways in exit housing.

Operating Temperature range: 0°C to 40°C (32°F to 104°F).

Electronics

Input: 120/277VAC, 60 Hz (all models)

Built-in Protection: Surge, transient and low battery voltage protection

Emergency Operation Module (Internally Mounted)

Charger: Solid-state, constant current type

Transfer: Solid-state design

Battery Recharge Cycle: Per UL time standards

Test Means: Integral test switch

Indicators: AC-On LED indicator

Battery

Type: Maintenance-free nickel-cadmium

Power Consumption*

	120VAC	277VAC
Red AC Only Models:	2.7 watts	2.7 watts
Green AC Only Models:	2.3 watts	2.3 watts
Red Emergency Models:	3.8 watts	3.8 watts
Green Emergency Models:	3.5 watts	3.5 watts

*Wattage figures include LED lamps, transformer and electronics power requirements. LED lamp assemblies (red or green) consume less than 1 watt.

Power factor, average: .8 (lagging)

Warranty

	Unit and Electronics	Battery	
		Full	Pro-Rata
Standard Models	3 years	2 years	8 years
Spectron Models	5 years	3 years	7 years

Suggested Specifications

Exit sign construction will be flame-rated, UV stable thermoplastic in textured (white)(black) finish. Exit face will provide 6" high letters with 3/4" stroke and snap-in, chevron type directional arrows. Exit sign design will allow universal 120/277VAC, 60 Hz operation. Normal AC illumination will be provided by red or green high-output LEDs consuming less than one watt at 120 or 277VAC. Normal LED lamp life will be in excess of 20 years. Exit letters will exceed the lumen output and illumination uniformity required by UL specifications. Exits will be universal single/double face and provided with all necessary components for wall, ceiling or end mounting applications. Mounting canopies will be provided with all models and will be of identical construction and color to match the exit frame. Exits shall be designed to mount to 4" square or 3 1/2" and 4" octagon outlet boxes as well as standard plaster rings. Emergency exit models will be achieved through a (factory)(field) installed fully automatic emergency operation module. All emergency module components will mount inside the exit housing and will include a solid-state constant current type battery charger, a maintenance-free nickel-cadmium battery, an AC-On indicator light and a test switch. The unit charger will be capable of recharging the battery within acceptable UL time standards. The emergency operation module must be capable of providing a minimum of 2 hours of emergency operation. Exit signs must comply with all UL 924, (UL Damp Location) and NFPA 101 Life Safety Code requirements. Optional equipment will include:
 Dimensions to be 9" (228 mm) high x 13" (330 mm) wide x 1 3/4" (44 mm) deep.