

**PRODUCT OVERVIEW**

The EVR series of vandal resistant exits are designed to stand up to abuse in applications such as schools, public areas, institutions and apartment complexes where vandalism may potentially occur. The 14 gauge steel and polycarbonate faceplate offers extreme protection and superior performance. Tamper resistant screws insure the integrity of the unit. The heavy gauge steel construction of the EVR housing requires that directional chevron arrows must be specified when ordering. The EVR series is available configured with high-output LED's in AC only and Self-Powered operation versions.

**EXTERNAL SPECIFICATIONS**

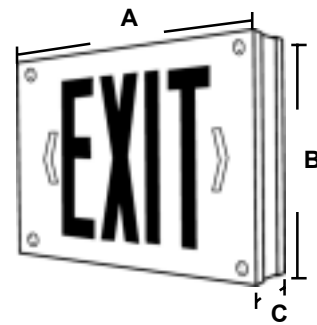
The EVR series is constructed from heavy duty steel. Exit face(s) are 14 gauge steel backed with impact resistant polycarbonate. Tamper resistant screws are standard. The EVR series comes standard with a white baked powder coat finish. Available in custom epoxy-based powder coat finishes (please specify). Single, double or universal face versions must be specified. The self-powered version comes standard with an external LED status indicator and test switch.

**INTERNAL SPECIFICATIONS**

AC ONLY: standard 120/277VAC input  
 SELF-POWERED: standard self-powered versions use sealed nickel-cadmium batteries to provide a minimum 90 minutes of emergency duration. Optional 120 minute duration battery is available. Solid state charger and transfer.



**DIMENSIONS (in.)**



Series	A"	B"	C"
EVR	12.25"	8.5"	3"

**ORDERING INFORMATION**

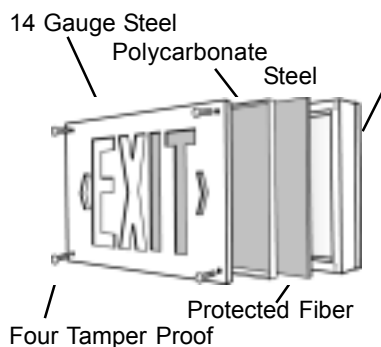
Series	Model	LED	Face No.	Mounting	Chevrons	Options
EVR	HT (AC only)	LR (red)	1 (single)	W (wall - no canopy)	0 (no chevrons)	AT (auto-test)
	SA (self-powered)	LG (green)	2 (double)	C (ceiling - factory installed)	L (left chevron)	FL (visual alarm - specify voltage)
				E (end - factory installed)	R (right chevron)	BZ (audible alarm - specify voltage)
					LR (left & right)	CC (custom color - specify)
						SW (special wording - specify)
						ZCK (dual-circuit)
						PK12 (12" pendant kit)
						120SA (120 minute emergency)

EXAMPLE: EVR-HT-LR1-0-W-AT  
 DESCRIPTION: EVR vandal exit, AC only, red LED, single face, wall mount, no chevrons, auto-test.

# EVR Technical Data

## VANDAL RESISTANT DESIGN

The ultra heavy duty design and appearance of the EVR series exit warns potential vandals that this is no regular sign. The face plate is constructed of durable 14 gauge steel that wraps around the frame for added protection. The exit is further protected by 1/8" thick, impact resistant polycarbonate that is sandwiched between the steel face plate and the stencil fiber. The form fitting face plate is attached to the frame with four (4) tamper resistant stainless steel screws. The all steel exit frame has been folded along the face and back plate edges in order to provide superior strength and durability. The steel back plate is also attached with four (4) stainless steel screws. Unlike incandescent light sources, the LED technology used in the EVR series does not contain any delicate filaments or films that can lead to failure due to impact related damage. For ceiling and end mount applications the EVR series is supplied with an extra heavy duty canopy (factory installed) that provides superior mounting strength.



## ELECTRICAL SPECIFICATIONS

The EVR series is configured with high-output LED lamps. LED is standard with 120/277VAC input. All LED versions consume only 1.1W nominal power. Optional emergency illumination is provided by the LED light source at the following wattages:

- 6VDC - 0.5 Watts
- 12VDC - 1.5 Watts
- 24VDC - 3.5 Watts

## MECHANICAL SPECIFICATIONS

The EVR series is constructed of extra heavy duty steel with a 14 gauge steel face plate. Tamper resistant screws are standard. Exit fiber(s) are covered with impact resistant polycarbonate. Due to the extreme gauge of steel, directional chevron arrows must be specified when ordering. The EVR series is supplied standard with an attractive and durable white, baked powder coat finish. Other colors are available, including custom color matching, please specify. The advanced design of the EVR leaves it with no extraneous holes or slots that could be utilized by vandals for gaining entry. The face plate securely holds the shield and fiber in place by wrapping around the exit frame, increasing the rigidity of the entire unit.

## SELF-POWERED VERSIONS

The EVR-SA self-powered series is designed to operate on battery power in the event of a regular / mains power failure. Both the battery and charger are completely contained within the standard enclosure. There are no external components and no alterations made to the external dimensions of the standard sign. The EVR-SA self-powered series utilize a solid state transformer technology that eliminates the possibility of relay failure due to particle build up on the relay. Status is easily determined via an LED that indicates AC-ON. A push button test switch allows maintenance personnel to quickly confirm the operational status of the exit on AC fail.

## BATTERY TECHNOLOGY

The EVR-SA series is designed with a maintenance free, sealed Nickel-Cadmium battery providing a minimum emergency duration of 90 minutes. An optional 120 minute Nickel-Cadmium battery is available. Recharge time of the battery is twenty-four (24) hours. The maximum battery operating temperature is 50°C.

## INSTALLATION

The EVR series exit is suitable for surface ceiling, wall and end mounting. Suitable for indoor installations on normally inflammable surfaces.

## WARRANTY

The EVR series comes from the factory with an unconditional 5 year product warranty.