



INTERNAL SPECIFICATIONS

AC ONLY: standard 120/277VAC input

SELF-POWERED: standard 120/277VAC input, self-powered versions use sealed nickel-cadmium batteries to provide a minimum 90 minutes of emergency duration. Electronic cut-off circuit prevents overdischarge.

EXTERNAL SPECIFICATIONS

The VA5 series is constructed from high-quality thermoplastic that is corrosion and flame resistant. The VA5 series includes as standard equipment, a mounting canopy, two (2) stencil faces, one (1) backplate, field adjustable chevrons and all mounting hardware. Available in a white finish only. Damp location is standard on all VA5 series products. An external LED status indicator and test switch are standard on all self-powered models.

PRODUCT OVERVIEW

The VA5 series is part of the ever growing family of innovative, yet economical thermoplastic exit signs. The slim profile, damp location rating and easy installation make the VA5 ideal for commercial, institutional & public projects.

An easy to specify universal sign, the VA5 includes two (2) stencils, one (1) backplate, field adjustable chevrons, canopy and all mounting hardware. Available in Self-powered and AC only configurations. High-output red or green LED's. The VA5 meets energy star requirements.

BATTERY TECHNOLOGY

The VA5-SA series uses an internal maintenance-free, sealed nickel-cadmium battery that provides a minimum emergency duration of ninety (90) minutes. Complete recharge time of the battery is twenty-four (24) hours. The maximum working temperature is 50°C.

INSTALLATION

The VA5 series exit is suitable for surface ceiling, wall and end mounting. Suitable for indoor & damp location installations.

ORDERING INFORMATION

Series	LED Color	Model	Diagnostics	Options
VA5	R (red)	HT (AC only)	ATX (Auto test)	IRT (infrared remote test)
	G (green)	SA (self powered)		B (black housing)
Note: SA version only				FAI (fire alarm interface)

VA5 BUILDER

Series	LED Color	Model	Diagnostics	Options

EXAMPLE: VA5R-SA-AT
 DESCRIPTION: VA5, thermoplastic exit, red LED, self-powered, white finish, auto-test

JOB:	TYPE:
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AUTO-TEST DIAGNOSTICS

The VA5 series comes standard with the Beghelli AutotesT diagnostic system. Featuring continuous monitoring of the units main components (battery, charger, transformer, lamps & LED's) and providing instant visual verification of the status.

AUTO-TEST FEATURES:

- Monitor battery disconnection, charger failure, LED failure and transformer fault every 5 seconds without discharging the battery.
- Automatically indicates lamp, battery and charger status by dual-color LED lamp.
- Factory preset AutotesT does not need to be field adjusted or reset for proper operation

AUTO-TEST FUNCTIONS:

- Verifies battery disconnect, charger board failure, LED failure and transformer failure every 5 seconds.
- One (1) minute autotest every month.
- Thirty (30) minute autotest every six (6) months.
- Ninety (90) minute autotest every twelve (12) months.

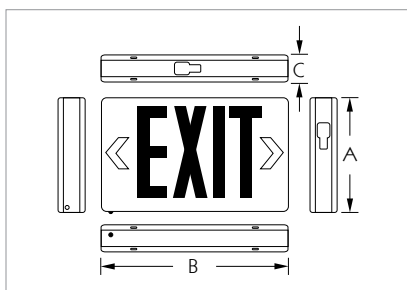
AUTOTEST VISUAL ALERT

- (1) blink red LED = Battery not connected
- (2) blinks red LED = Battery shorted and/or Battery voltage drop
- (3) blinks red LED = Charger board fault
- (4) blinks red LED = Transformer fault
- (5) blinks red LED = N/A
- (6) blinks red LED = N/A
- (7) blinks red LED = LED lamp fault

AUTOTEST MANUAL FUNCTIONS:

- Press test button 1x (within 2 sec.) = 1 minute test
- Press test button 2x (within 2 sec.) = 5 minute test
- Press test button 3x (within 2 sec.) = 30 minute test
- Press test button 4x (within 2 sec.) = 90 minute test

DIMENSIONS (in.)



Series	A"	B"	C"
VA5	8.5"	12"	1.75"

MECHANICAL SPECIFICATIONS

The VA5 series is constructed from high-quality corrosion and flame resistant thermoplastic. Field adjustable chevrons are standard on all VA5 exits. The VA5 can be universally mounted configured for either single or double face installations.

Canopy and mounting hardware is included. High-output red or green LED's provide energy savings, long life and create even illumination across the stencil face. 120/277VAC input is standard on all VA5 series exits. The (SA) version features maintenance-free nickel-cadmium batteries, electronic cut-off that prevents overdischarge and the Beghelli AutotesT diagnostic system.

SELF-POWERED (SA) VERSION

The VA5-SA has been designed to be an "always on" exit. Operating under normal AC until there is a power failure and then automatically switching to the DC emergency mode. Both the battery and charger are fully contained within the standard enclosure. There are no external components that add to the dimensions of the product. This results in a clean and simple design. The VA5-SA utilizes solid state transformer technology that eliminates the possibility of relay failure. Status of the VA5 is displayed via an LED that indicates AC-ON and all functions of the AutotesT diagnostic system. An external test switch allows inspectors & maintenance personnel to quickly confirm the operations status of the VA5 exit. Optional infrared testing (IRT) allows wireless testing of all functions.

INFRARED TESTING OPTION

The VA5 series offers an optional infrared testing (IRT) option. Using the compact remote, inspectors and maintenance personnel are able to access all functions of the VA5 series and perform the required tests.

Not only is this convenient when testing hard to access exit signs, it is also a much safer way. Climbing and moving ladders from installation to installation is time consuming and can be dangerous. The infrared testing option performs all available tests with the press of a button.

WARRANTY

The VA5 series comes with a 5-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.