

Weatherized Alarmed Rim Exit Device (V40 EB W)

The **V40 EB W** is designed for doors and gates requiring a stand alone, battery powered, alarmed, weatherized panic device. The **100dB alarm** will sound when someone attempts to exit, alerting management to the unauthorized exit. The internal alarm with both remote bypass and remote signaling capabilities is ideal for applications where both security and life safety are a concern. In addition to listing as UL panic and fire exit hardware device, this device conforms to UL1034-34 Temperature Section 34, UL1034-54 Dust Section 54, MIL-STD 810F, Method 506.4 (driving rain test); MIL-STD 810F, Method 509.4 (salt fog test) and UBC standard 7-2 (positive pressure).



V40 EB W
(Shown with mortise cylinder - sold separately)



V40 EB W 711 BLK
(Shown with mortise cylinder - sold separately)



V40 EB W 711
(Shown with mortise cylinder - sold separately)

Wide Stile shown, for Narrow Stile, specify NS Option
(for use on 36" and 48" doors with 2" stiles).

Benefits

- Weather resistant loss prevention hardware designed for use in outdoor or wet environments
- Fast and easy installation saves time and money
- Angled end cap deflects damage away from device
- Patented mounting plate and strike locator replaces paper templates
- Controls foot traffic to deter unauthorized exits and reduces employee and customer theft
- Rugged, durable, corrosion-resistant design reduces maintenance
- Aesthetically pleasing design for almost any door or gate in any décor
- Provides reliable loss prevention protection 24 hours a day

Features

- Powered by standard 9-volt battery
- Stainless steel, self-latching bolt
- Tamper-resistant, immersion-proof security switches
- Covers a 161 door prep
- Plated steel, anodized aluminum and ABS components endure heavy use and exposure to the elements
- Built-in inhibitors prevent ABS fading and weakening, typically caused by exposure to extreme temperatures and UV rays
- 100dB alarm
- Indefinite alarm requiring manual rearm or variable 2 min. alarm duration with auto re-arm
- Cylinder dogging standard (can also be ordered less dogging)
- Visual and audible arming indicators
- Tamper-resistant housing protects electronics, battery and internal hardware, preventing manipulation
- Tapered design sheds rainwater
- Visual and audible low battery alert
- Armed and disarmed field selectable status indicator

Mechanical Options

- CD - Cylinder Dogging (Std.)
- LD - Less Dogging
- 36 - Fits 36" Door Width (Std.)
- 48 - Fits 48" Door Width
- F - 3-Hour Fire Rated
- H - Hurricane Rated
- 99 - Surface Strike (Std.)
- 98 - Semi Mortise Strike
- Available with 628 Base Rail Extrusion (Std.)
- Available with 711 (Black) Base Rail Extrusion
- FC3W - Weatherized 3' Flex Conduit Kit, mounts to device end cap
- FC10W - Weatherized 10' Flex Conduit Kit, mounts to device end cap

For full list of available mechanical options, see V40 Series How To Order page

Electrical Options

- Remote Signal Form C signaling when alarm sounds and remote bypass input allows authorized use without an alarm - standard feature

Other Weatherized Detex Products Include:

- Request to Exit Signalling Weatherized (EXxW)

- GTPLKIT - Adjustable Gate Plate

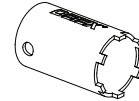
- Weatherized Delayed Egress EasyKit (WDEx10)

Accessories

- KS - Key Stop - key removed only when armed
- Outside Trim (see Value Series Trim Options)

- NSK - Narrow Stile Conversion Kit - Converts V40 to fit narrow stile glass door applications
- SN1 - Sex Nut Fasteners

- Optional Cylinder Nut Wrench P/N: 103779



Technical Information

- Door Types - Wood, Hollow Metal, Fiberglass
- 2" Aluminum doors need to be ordered as a narrow stile (NS)
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Single Door Stile - Fits 3-1/2" minimum stile doors with 99 surface strike (Std.)

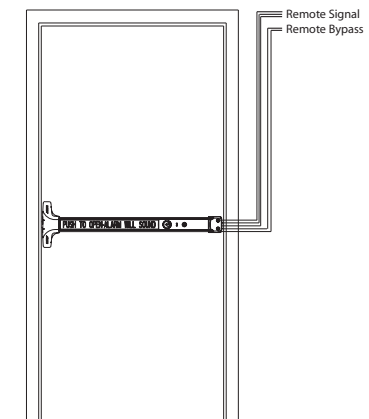
- Pairs of Doors Stile - Fits 4" minimum stile doors with 99 surface strike
- Door Stile - Fits 2" narrow stile doors - specify NS
- Exceeds MIL810F Method 509.4 Salt Fog Test (simulating effects of corrosive environments similar to atmospheric conditions found in coastal regions)

- Exceeds MIL810F Method 506.4 Driving Rain (simulating 4"/hr. rain w/40mph wind)

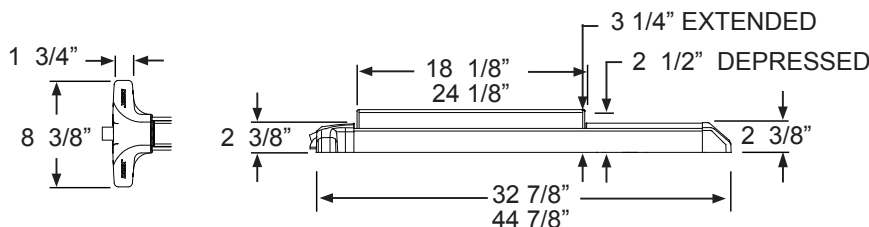
- Machine and Self Drilling Screws (Std.)

- Optional Sex Nuts or Security Torx Screws available

Riser Diagram



Dimensions



18 1/8" & 32 7/8" device dimensions for 36" door

24 1/8" & 44 7/8" device dimensions for 48" door

Add 2" for NS

Listings and Approvals



UL Listed Panic Hardware



UL Listed Fire Exit Hardware for 3 hours, maximum 4'x10' single doors and pairs of 4'x8' with F90KR keyed removable mullion

UL1034-34 Temperature Section 34 [Temperature Range -31°F (-35° C) to 150° F (+66° C)]

UL1034-54 Dust Section 54



Meets ADA requirements



ANSI/BHMA certified A156.3



ULC 97, Standard 7-2 and UL10B/UL10C for positive pressure



Meets NFPA 80 & 101 for Life Safety



State of Florida Approval

Texas Department of Insurance



California State Fire Marshall

MIL-STD 810F (G), Method 509.4 (Salt Fog Test)

MIL-STD 810F (G), Method 506.4 (Driving Rain), Procedure 1

Detex Limited Warranty

10 Year Mechanical/3 Year Electrical
Limited Manufacturer's Warranty

Where Trust is Built™
DETEx®
Life Safety, Security and Security Assurance

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA

PH. (830) 629-2900

(800) 729-3839

FAX (800) 653-3839

<http://www.detex.com>

USA Sales:

marketing@detex.com

International Sales:

export@detex.com

For detailed windstorm and fire listings, visit www.detex.com/PROVEN