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).

**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
- NSK - Narrow Stile Conversion Kit - Converts V40 to fit narrow stile glass door applications
- Outside Trim (see Value Series Trim Options)
- 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

**Dimensions**

<table>
<thead>
<tr>
<th>2  3/8&quot;</th>
<th>18  1/8&quot;</th>
<th>24 1/8&quot;</th>
<th>3 1/4&quot; EXTENDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>1  3/4&quot;</td>
<td>2  3/8&quot;</td>
<td>2  3/8&quot;</td>
<td>2  3/8&quot;</td>
</tr>
<tr>
<td>8  3/8&quot;</td>
<td>3  7/8&quot;</td>
<td>44  7/8&quot;</td>
<td>32  7/8&quot;</td>
</tr>
</tbody>
</table>

**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
- UBC 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

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

Cancer & Reproductive Harm - www.detex.com/prop65

September 19, 2019