

## **DETEX V40 SERIES**

### **Panic & Emergency Exit Hardware**



### **Fire-Rated ALARMED EXIT DEVICES**

- Heavy duty 20 mm stainless steel deadlocking latch ensures automatic re-locking whenever the door closes. Up to 600 Kg holding force!
- UL listed panic hardware; UL listed fire exit hardware, ANSI/BHMA certified A156.3, UBC 97 standard 7-2 & UL10C for positive pressure.
- Exceeds USA 500,000 cycle testing requirement.
- 10 YEAR mechanical / 3 YEAR electrical limited manufacturer's warranty!

**SPECIFY AND USE *DETEX* EXIT DEVICES  
WHEN ESCAPE MUST BE ALLOWED – AND MAXIMUM  
PROTECTION AGAINST OUTSIDE ENTRY IS NEEDED!**

**NOTE THAT DOUBLE DOORS ALWAYS REQUIRE EXTRA HARDWARE !**

## DETEX V40 SERIES

### Abbreviated Technical Information



**DETEX V40 SERIES** is the heaviest, best warranted item in its class, and meets requirements for “escape initiated by body weight” in occupancies where panic hardware is mandatory.

- Pressure against the heavy-duty panic bar opens the door, allowing escape.
- Escape is always possible regardless of the status of the power, or of the alarm by-pass key.

**DETEX V40** series are supplied standard 865mm long from end-to-end, including the standard striker. Since the door opens OUTWARDS, all panic hardware must pass through the door frame’s INSIDE width.

Please supply the door frame measurement from left-to-right, measured on the inside of the frame (this frame-to-frame size is usually SMALLER than the door-size).

The amount that can be cut off a standard **DETEX V40** series unit depends on the model required. Models shown below are the popular ones usually held in stock, in South Africa.

### SUMMARY OF FEATURES & MINIMUM FRAME SIZES

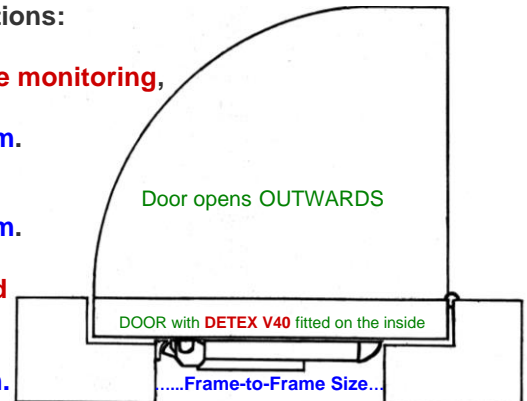
**DETEX V40 with internal alarm**, suitable for single leaf applications:

**V40 x EI** With internal alarm & micro-switches for remote monitoring, Requires external 12 Volt DC power for the alarm. Minimum Frame-to-Frame size required is **790 mm**.

**V40 X EB** Stand-alone model with battery powered alarm Minimum Frame-to-Frame size required is **810 mm**.

**V40 x EB x W** Rugged weatherised, alarmed version designed for outdoor use. US Mil Spec for salt fog & driving rain. Minimum Frame-to-Frame size required: **810 mm**.

**V40 x EE** Delayed exit models (15 secs) with full monitoring and bypass facilities. Requires 24 Volt DC to power the alarm and the delay facilities. Minimum Frame-to-Frame size required is **860mm**



The Following **DETEX V40** models are NOT alarmed:

**V4001 x ER** Electrically retractable latch - needs 24 Volt DC for entry, and no power to exit. **NO** alarm. Monitoring is an optional extra. For monitored version specify **V4001 x ER x EX**  
Suitable for access control applications where statutory escape is always required from inside.  
Minimum Frame-to-Frame size required is **860 mm**.

**V40** Heavy-duty touch-bar panic device – mechanical only  
**NO** alarm or monitoring facilities.  
Minimum Frame-to-Frame size required is **710 mm**.

We will be happy to cut units down to suit your frame-size, where possible, at no extra charge. Where door frame-sizes are too small for **DETEX V40** – we can offer other solutions.

**NOTE: Double doors always require extra hardware.**

Please ask for additional detailed information on any of the above.

**ALARMED EXIT DEVICES FOR DOUBLE DOORS: PREFERRED SOLUTION**

**1. TOUCH BAR WITH VERTICAL RODS TO THE FIXED LEAF**

**2. *DETEX*® V40 SERIES ALARMED EXIT DEVICE TO THE MOVING LEAF**

**1. This touch bar panic device with vertical locking rods** will lock the fixed (second-opening) door leaf automatically, at the top and at the bottom, whenever that leaf is closed, providing a stable object for the moving (first-opening) leaf to lock against.



**2. *DETEX* V40 SERIES** require 780 – 865 mm between the side of the door frame and the locking edge of the door (min. suitable door size depends on the V40 model and facilities required).



**3. *DETEX* #94**  
Double Door Striker  
**F41378404**

***DETEX* V40 SERIES** meets South African requirements for "escape initiated by body weight." The stainless steel deadlocking latch can withstand over 600 Kg pressure. It will lock the moving leaf securely against the fixed leaf, without hindering escape. The alarm is armed or disarmed using the key (from inside). Models available include remote monitoring facility, battery powered alarm, electric release facilities & a weatherised version for outdoor use.

- **PUSHING EITHER BAR WILL ALLOW BOTH DOORS TO OPEN**, and will also trigger the 95dB ***DETEX*** alarm - meeting the statutory requirements for an outward opening, hinged, double fire escape door
- **ESCAPE IS ALWAYS POSSIBLE** regardless of the armed/disarmed status of the alarm, or the status of the power, cabling or electronics.

Either of the devices illustrated above can be used on its own, on a single door.

**DOUBLE DOORS REQUIRE ALL THREE ITEMS (1, 2 AND 3) AS SHOWN ABOVE**

**Please supply the door frame measurements when asking for assistance.** 'Normal doors' or 'standard size' will not enable us to determine whether doors are wide enough for ***DETEX* V40**

Optional **HIGH SECURITY KEYS**

**CISA C3000 T06**

or

**ASTRAL TEKNO S01**



These cylinders with restricted keys are available at extra cost for the alarm bypass, and also for optional access by key from outside where applicable. These cylinders offer very high resistance to both bumping and picking, and their keys are made only against authorised signatures, which must match the signature samples supplied.

Key cylinders for the alarm by-pass and for optional access from outside can be keyed alike or master-keyed at nominal extra cost, for all **DETEX** products using cylinders.

**Various *DETEX* V40 Series Emergency Exit Devices meet the following standards**

	Meets/exceeds ADA requirements
	UL Listed Grade 1 Panic Hardware
	UL Listed Grade 1 Fire Exit Hardware for 3 hours, maximum
	4'x10' single doors and pairs of 4'x8' with F90KR keyed removable mullion
	IBC 97, Standard 7-2 and UL10C for positive pressure
	ANSI/BHMA certified A156.3 - 2001 Grade 1
	Exceeds Life Safety, CA Title 19 & 24 and all building requirements
	Meets requirements of EC standard BS EN 1125 : 1997/A1 : 2001

