

## Device types

# 9847-F/9947-F Concealed vertical rod fire exit device

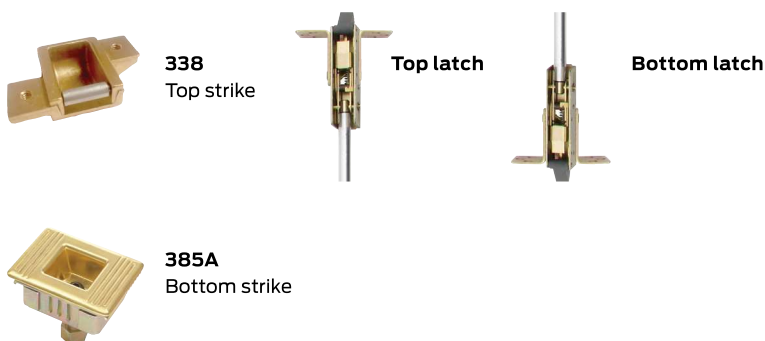


9847-F/9947-F Fire exit concealed vertical rod device are certified to ANSI/BHMA A156.3 2014, Grade 1 and UL listed for fire exit hardware. See page 67 for detailed information on UL fire exit hardware label and door opening size information. The 9847-F device has a smooth mechanism case and the 9947-F device has a grooved case. The concealed vertical rod device is non-handed except when the following device option is used: SS (signal switch) devices.

### Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 <sup>5</sup> / <sub>8</sub> " (1006 mm) Standard Adjustable from 35 <sup>5</sup> / <sub>8</sub> " (905mm) to 49 <sup>5</sup> / <sub>8</sub> " (1260mm)
Center case	8" x 2 <sup>3</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>8</sub> " (203mm x 70mm x 60mm)
Mechanism case	2 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>4</sub> " (57mm x 57mm)
Projection	Pushbar neutral – 3 <sup>13</sup> / <sub>16</sub> " (97mm) Pushbar depressed – 3 <sup>1</sup> / <sub>16</sub> " (78mm)
Latch bolt	Deadlocking top and bottom bolt, <sup>5</sup> / <sub>8</sub> " (16mm) throw
Door undercut	<sup>1</sup> / <sub>4</sub> " (7mm) recommended
Top and bottom latch case	3 <sup>3</sup> / <sub>4</sub> " x 1 <sup>1</sup> / <sub>2</sub> " x 1" (95mm x 38mm x 25mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm). Bottom rod adjustable 35 <sup>5</sup> / <sub>8</sub> " (905mm) to 49 <sup>5</sup> / <sub>8</sub> " (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 <sup>3</sup> / <sub>4</sub> " (44mm) to 2 <sup>1</sup> / <sub>4</sub> " (57mm) thick metal doors (Optional 425 SNB available)

### Accessories



### Features and options

#### Electrified options

<b>LX</b>	Latch bolt monitor switch
<b>RX</b>	Request to exit
<b>RX2</b>	Double request to exit
<b>E</b>	Electric locking and unlocking trim
<b>EL</b>	Electric latch retraction
<b>QEL</b>	Quiet electric latch retraction
<b>SS</b>	Signal switch
<b>CX</b>	Chexit delayed exit
<b>ALK</b>	Alarm exit kit
<b>WP-RX</b>	Waterproof request to exit
<b>CON</b>	Alliegion Connect

#### Mechanical options

<b>GBK</b>	Glass bead kit
<b>LBR</b>	Less bottom rod
<b>PN</b>	Pneumatic latch retraction
<b>SNB</b>	Sex bolts
<b>SEC</b>	Security screws
<b>SLM</b>	Special laminate material blocking
<b>WH</b>	Weep holes

#### Dogging option

No mechanical dogging;  
EL and QEL options available

#### Strikes

**Top – 338** – Unfinished  
**Bottom – 385A** – Unfinished