

## 5000 & F5000 Rim Type Panic And Fire Exit Devices 5060V & F5060V Vertical Rod Panic And Fire Exit Devices ANSI A156.3, Grade 2

CONFIGURATION	MAX FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE (PSF) INSWING/OUTSWING	
			POSITIVE	NEGATIVE
SINGLE	40" X 88"	5000V SERIES 5000 SERIES	+70.0	-70.0
DOUBLE	76" x 88"	5000V SERIES	+70.0	-70.0



### Features & Construction

- ◆ ANSI A156.3, Grade 2 heavy duty exit device in surface vertical rod and rim designs
- ◆ UL Listed for Panic and ULC10C, UBC 7-2-1997 codes
- ◆ UL Listed for Fire Exit Hardware. 3 hours
- ◆ Conforms and Meets ADA Regulations
- ◆ (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions
- ◆ Uncompromising security and safety in single and double fire exit doors
- ◆ Chassis mounted unit construction
- ◆ Available in standard functions. Lever and knob trims are grade 2 construction with optional clutch freewheeling mechanism. Rose covers 161 cut out

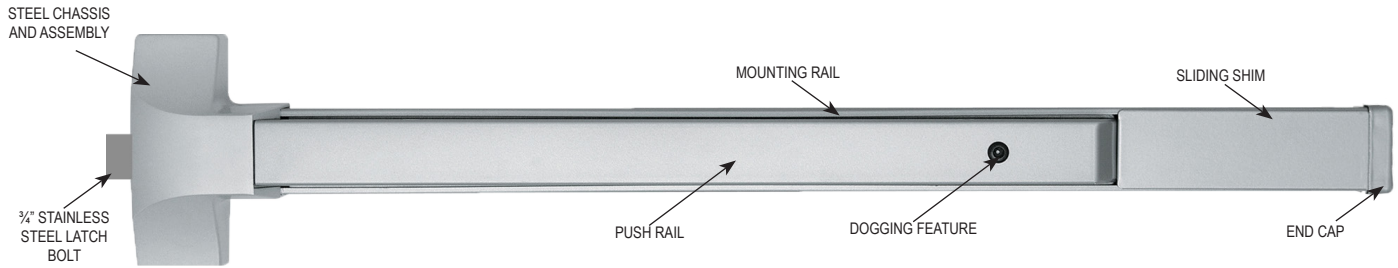
### Suggested Architect's Specifications

- ◆ All exit devices shall be of touch bar design with smooth operation and be operative over 2/3 of the door's clear opening width
- ◆ All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriters' Laboratories, Inc. Where labeled doors are used as exits, they must be equipped with labeled Fire Exit Hardware and ULC10C, UBC 7-2-1997 codes
- ◆ All exit devices shall be of chassis mounted unit construction



# 5000 & F5000 Series

## GRADE 2 Rim Type Exit Device

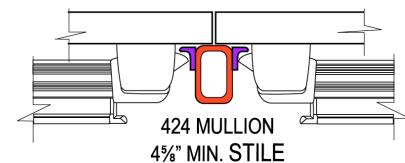
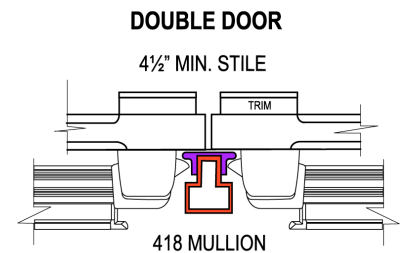


### Specifications

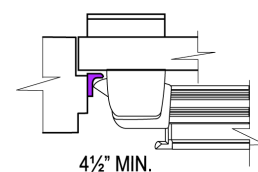
<b>For Doors.....</b>	1 3/4" thick standard 3 3/4" minimum stile width required for single or double door application using standard 938 strike and pull or lever trims
<b>Chassis.....</b>	Steel (Panic Grade), steel (Fire Grade)
<b>Cover.....</b>	Covers stock hollow metal doors with 161-cutout
<b>Mounting.....</b>	Furnished standard with wood and machine screws. Available with thru bolts on request. Thru bolts are standard packaging on fire rated devices
<b>End Cap.....</b>	Steel construction
<b>Hand.....</b>	Non-handed, center hub
<b>Latch Bolt.....</b>	Stainless steel 3/4" throw
<b>Spring.....</b>	Steel throughout
<b>ANSI Standard.....</b>	A156.3, Grade 2
<b>Rail Assembly.....</b>	Heavy gauge steel, painted
<b>Strike.....</b>	938 packed standard (See strike page)
<b>Dogging Feature.....</b>	Allen-type key furnished standard on non-fire labeled devices
<b>Mullion.....</b>	Available
<b>UL and ULC Listed.....</b>	5000 Series for panic. F5000 Series for fire exit hardware for all types of 3' x 7' single doors and 6' x 7' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1997 codes
<b>Finish.....</b>	Aluminum (ALUM), Stainless Steel (US32D)



**Minimum Stile Requirements**  
**4" escutcheon trims and**  
**4 1/2" for thimpiece and rose trims**



### SINGLE DOOR



### DIMENSIONS

**Touchbar height to finished floor** 41" (1041mm) at center

#### Touchbar projection

Neutral	2 1/2" (64mm)
Depressed	1 3/4" (45mm)

MODEL	ACTUAL LENGTH	MAX CUT DOWN	DOOR SIZE
5000EO36 and F5000EO36	32"	6"	30" to 36" door width
5000EO48 and F5000EO48	39"	12"	31" to 48" door width

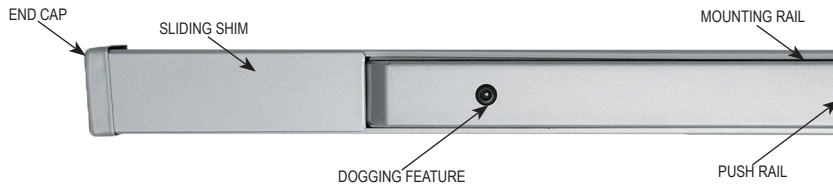
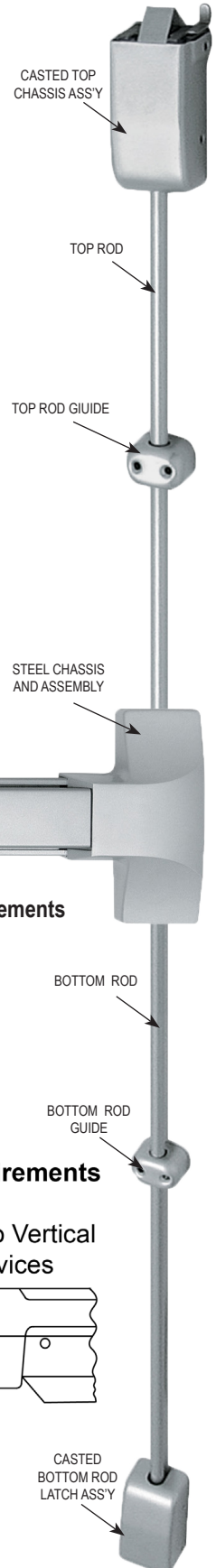
# 5060V & F5060V Series



## GRADE 2 Vertical Rod Type Exit Device

### Specifications

<b>For Doors.....</b>	1 3/4" thick standard. 3 3/4" minimum stile width required for single door application. 3 1/2" minimum stile width required for double door application. Lever and knob trims available
<b>Top &amp; Bottom Chassis.....</b>	Steel (Panic Grade), steel (Fire Grade)
<b>Cover.....</b>	Covers stock hollow metal doors with 161 cutout
<b>Mounting.....</b>	Furnished standard with wood and machine screws. Thrubolts are standard packaging on fire rated devices
<b>End Cap.....</b>	Steel construction
<b>Hand.....</b>	Non-Handed
<b>Latch Bolt &amp; Spring.....</b>	Stainless steel
<b>ANSI Standard.....</b>	A156.3, Grade 2
<b>Rail Assembly.....</b>	Heavy gauge steel, painted
<b>Strike.....</b>	See strike page
<b>Dogging Feature.....</b>	5mm Allen-type key furnished standard on non-fire labeled devices
<b>UL and ULC Listed.....</b>	5000V Series for panic. F5000V Series for fire exit hardware for all types of 6' x 7' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1997 codes
<b>Finish.....</b>	Aluminum (Alum), US32D Stainless Steel Architectural plated finishes
<b>Door size.....</b>	5000V3684 and F5000V3684 for 36" x 84" doors



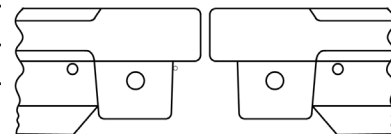
4 1/2" Minimum Stile Requirements

### DIMENSIONS

<b>Touchbar height to finished floor</b>	41" (1041mm) at center		
<b>Touchbar projection</b>			
Neutral	2 1/2" (64mm)		
Depressed	1 3/4" (45mm)		
<b>Panic grade top &amp; bottom latch case</b>	8 1/16" x 2 3/4" x 2 1/2" (205mm x 70mm x 63mm)		
<b>Fire grade top latch case</b>	3 15/16" x 2 11/16" x 2 1/16" (100mm x 68mm x 52mm)		
<b>Fire grade bottom latch case</b>	3 15/16" x 2 1/8" x 1 3/8" (100mm x 54mm x 35mm)		
<b>Top and bottom rod length for 36" x 84" doors</b>	Top rod 45" (1143mm), bottom rod 37 1/2" (953mm)		
<b>Vertical rods</b>	1/2" (13mm) Round tubing		
<b>MODEL</b>	<b>ACTUAL LENGTH</b>	<b>MAX CUT DOWN</b>	<b>DOOR SIZE</b>
5000V3684	32"	6"	30" to 36" door width
F5000V3684			

### Minimum Stile Requirements

Double Door with Two Vertical Rod Type Exit Devices



3 1/2" Min. Stile



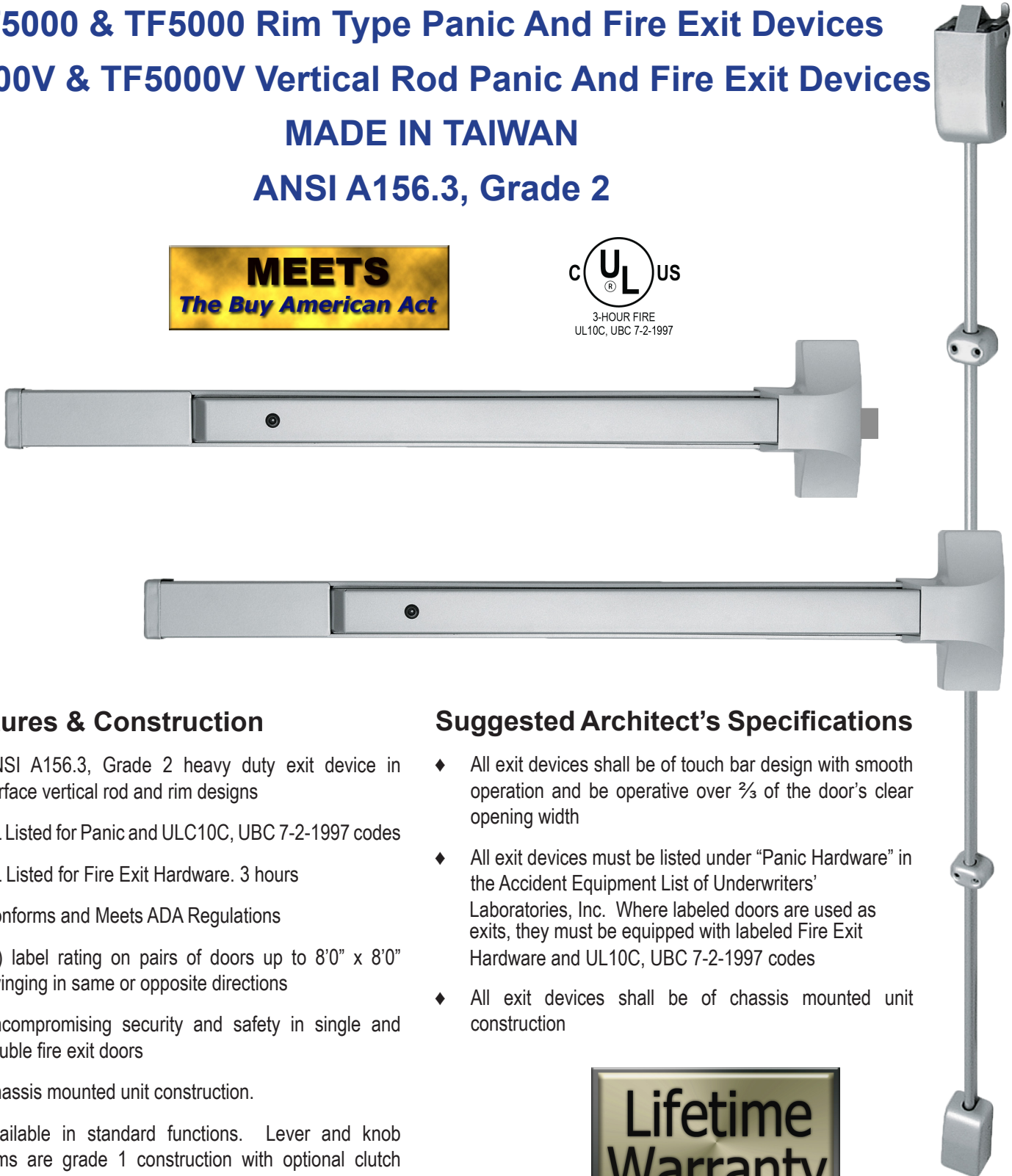
# CAL-ROYAL

P R O D U C T S, I N C.



## T5000 & TF5000 Rim Type Panic And Fire Exit Devices T5000V & TF5000V Vertical Rod Panic And Fire Exit Devices MADE IN TAIWAN ANSI A156.3, Grade 2

**MEETS**  
*The Buy American Act*



### Features & Construction

- ◆ ANSI A156.3, Grade 2 heavy duty exit device in surface vertical rod and rim designs
- ◆ UL Listed for Panic and ULC10C, UBC 7-2-1997 codes
- ◆ UL Listed for Fire Exit Hardware. 3 hours
- ◆ Conforms and Meets ADA Regulations
- ◆ (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions
- ◆ Uncompromising security and safety in single and double fire exit doors
- ◆ Chassis mounted unit construction.
- ◆ Available in standard functions. Lever and knob trims are grade 1 construction with optional clutch freewheeling mechanism. Rose covers 161 cut out

### Suggested Architect's Specifications

- ◆ All exit devices shall be of touch bar design with smooth operation and be operative over 2/3 of the door's clear opening width
- ◆ All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriters' Laboratories, Inc. Where labeled doors are used as exits, they must be equipped with labeled Fire Exit Hardware and UL10C, UBC 7-2-1997 codes
- ◆ All exit devices shall be of chassis mounted unit construction

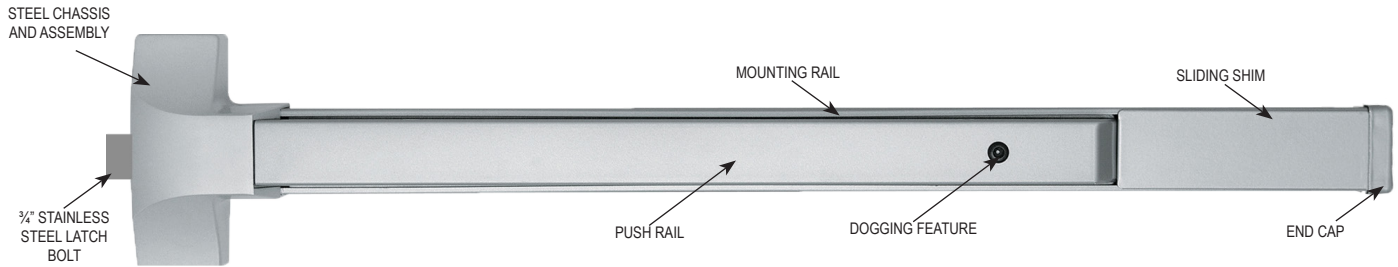
**Lifetime  
Warranty**

# T5000 & TF5000 Series



MADE IN TAIWAN

## GRADE 2 Rim Type Exit Device



### Specifications

<b>For Doors.....</b>	1 3/4" thick standard 3 3/4" minimum stile width required for single or double door application using standard 938 strike and pull or lever trims
<b>Chassis.....</b>	Steel (Panic Grade), Steel (Fire Grade)
<b>Cover.....</b>	Covers stock hollow metal doors with 161-cutout
<b>Mounting.....</b>	Furnished standard with wood and machine screws. Available with thru bolts on request. Thru bolts are standard packaging on fire rated devices
<b>End Cap.....</b>	Steel construction
<b>Hand.....</b>	Non-handed, center hub
<b>Latch Bolt.....</b>	Stainless steel 3/4" throw
<b>Spring.....</b>	Steel throughout
<b>ANSI Standard.....</b>	A156.3, Grade 2
<b>Rail Assembly.....</b>	Heavy gauge steel, painted
<b>Strike.....</b>	938 packed standard (See strike page)
<b>Dogging Feature.....</b>	Allen-type key furnished standard on non-fire labeled devices
<b>Mullion.....</b>	Available
<b>UL and ULC Listed.....</b>	T5000 Series for panic. TF5000 Series for fire exit hardware for all types of 3' x 7' single doors and 6' x 7' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1997 codes
<b>Finish.....</b>	Aluminum (ALUM), Stainless Steel (US32D)

### DIMENSIONS

Touchbar height to finished floor 41" (1041mm) at center

#### Touchbar projection

Neutral	2 1/2" (64mm)
Depressed	1 3/4" (45mm)

MODEL	ACTUAL LENGTH	MAX CUT DOWN	DOOR SIZE
T5000EO36 and TF5000EO36	32"	6"	30" to 36" door width
T5000EO48 and TF5000EO48	39"	12"	31" to 48" door width



**Minimum Stile Requirements**  
4" escutcheon trims and 4 1/2" for thumbpiece and rose trims

**SINGLE DOOR** 4 1/2" MIN. STILE

**Minimum Stile Requirements**  
Double Door with Two Vertical Rod Type Exit Devices

3 1/2" MIN. STILE

# T5000V & TF5000V Series

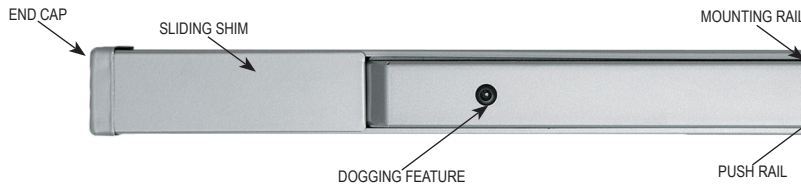
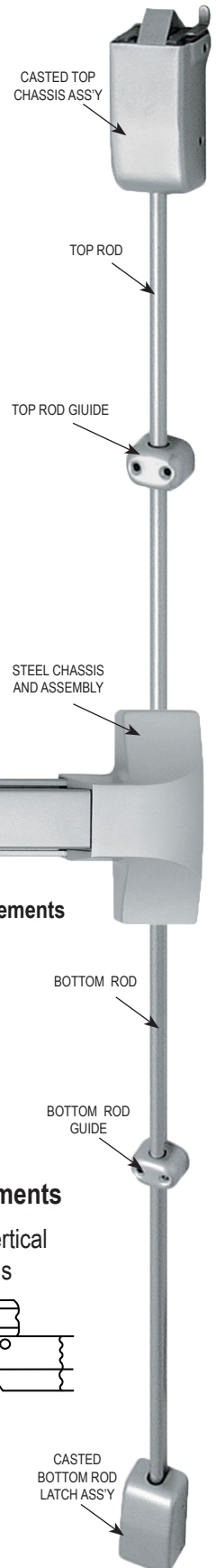
MADE IN TAIWAN



## GRADE 2 Vertical Rod Type Exit Device

### Specifications

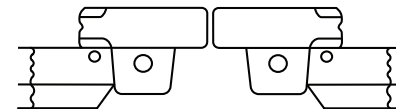
For Doors.....	1 3/4" thick standard. 3 3/4" minimum stile width required for single door application. 3 1/2" minimum stile width required for double door application. Lever and knob trims available
Top & Bottom Chassis.....	Steel (Panic Grade), steel (Fire Grade)
Cover.....	Covers stock hollow metal doors with 161 cutout
Mounting.....	Furnished standard with wood and machine screws. Thrubolts are standard packaging on fire rated devices
End Cap.....	Steel construction
Hand.....	Non-Handed
Latch Bolt & Spring.....	Stainless steel
ANSI Standard.....	A156.3, Grade 2
Rail Assembly.....	Heavy gauge steel, painted
Strike.....	See strike page
Dogging Feature.....	5mm Allen-type key furnished standard on non-fire labeled devices
UL and ULC Listed.....	T5000V Series for panic. TF5000V Series for fire exit hardware for all types of 6' x 7' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1997 codes
Finish.....	Aluminum (Alum), US32D Stainless Steel
Door size.....	T5000V3684 and TF5000V3684 for 36" x 84" doors



4 1/2" Minimum Stile Requirements

Minimum Stile Requirements

Double Door with Two Vertical Rod Type Exit Devices



3 1/2 MIN. STILE

### DIMENSIONS

Touchbar height to finished floor	41" (1041mm) at center		
Touchbar projection			
Neutral	2 1/2" (64mm)		
Depressed	1 3/4" (45mm)		
Panic grade top & bottom latch case	8 1/16" x 2 3/4" x 2 1/2" (205mm x 70mm x 63mm)		
Fire grade top latch case	3 15/16" x 2 11/16" x 2 1/16" (100mm x 68mm x 52mm)		
Fire grade bottom latch case	3 15/16" x 2 1/8" x 1 3/8" (100mm x 54mm x 35mm)		
Top and bottom rod length for 36" x 84" doors	Top rod 45" (1143mm), Bottom rod 37 1/2" (953mm)		
Vertical rods	1/2" (13mm) Round tubing		
MODEL SIZE	ACTUAL LENGTH	MAX CUT DOWN	DOOR
T5000V3684	32"	6"	30" to 36"
TF5000V3684			door width

# Trim Selection



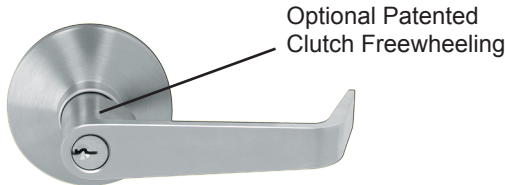
## LEVER DESIGN

### Non handed (Optional Clutch)

Tubular body hardened steel heavy duty tailpiece. For 1 3/4" doors. Available for fire and non-fire rated rim and vertical rod exit devices.

Rose diameter 3 1/2", lever length 4 3/4". Fits and covers 161 cutout.

Finishes: US26D, 10B, 3



**8000/L** ENTRANCE  
Key locks and unlocks lever. Operates as classroom function. ANSI Function - 08

**CLU5000L** CLUTCH FREE WHEELING (ENTRANCE)  
Key locks and unlocks lever. Operates as classroom function. ANSI function - 08

**8000/S** STOREROOM  
Key retracts latchbolt, otherwise always locked. ANSI function - 04

**8000/PAS** PASSAGE  
Lever always operable and free. ANSI function - 15

**8000/DUM** DUMMY  
Dummy trim. One sided. ANSI function - 10

## KNOB DESIGN

### Non handed

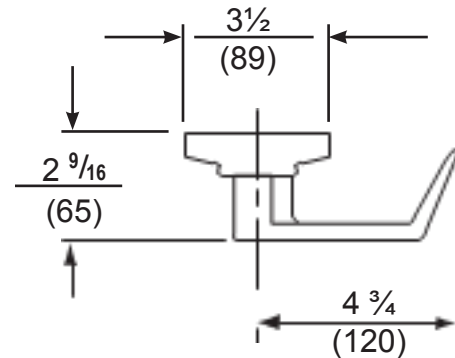
Tubular body hardened steel heavy duty tailpiece. For 1 3/4" doors. Available for fire and non-fire rated rim and vertical rod exit devices.

Rose diameter 3 1/2". Fits and covers 161 cutout.

Finishes: US32D, 10B, 3



**8000/K** ENTRANCE  
Key locks and unlocks lever. Operates as classroom function. ANSI Function - 08



**KEYWAY:** 6 pin solid brass "C" keyway standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and **Cal-Royal HSK** High Security Cylinders.

## PULL DESIGN

### FOR RIM DEVICES ONLY

Outside by pull and key. Key retracts latchbolt. ANSI function - 03 Covers 161 cutout.

### FINISHES

Powder Coated Aluminum (ALUM)

**5000NL**

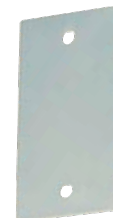


**5000DTP**



Outside by pull only. Pull when dogged. ANSI function - 02 Covers 161 cutout.

**5000EOP**



Outside by plate only. ANSI function - 10 Covers 161 cutout.

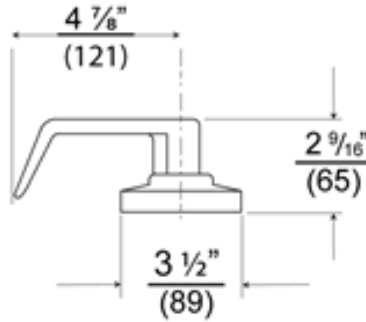
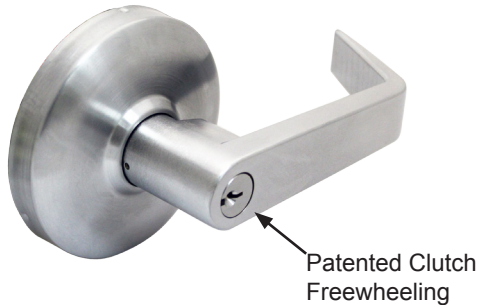
# Optional Grade 1 Trims



## Non-handed Grade 1 (Clutch Style)

Cylindrical body hardened steel heavy duty tailpiece. For 1 3/4" and 2 1/4" doors. Prefix THI before part # for 2 1/4" door thickness. Available for fire and non fire rated rim and vertical rod exit devices. Rose diameter 3 1/2", lever length 4 3/4". Fits and covers 161 cutout.

Finishes: Architectural plated finishes.



- ENT00L or
- ICENT00L or
- ICSCENT00L4
- SARICENT00L (Sargent)
- RUSICENT00L (Corbin/Ruswin)
- YALICENT00L (Yale)
- 8000K

**ENTRANCE**  
Key locks and unlocks lever. Operates as CLASSROOM FUNCTION. ANSI Function – 08  
Ball Knob Keylock

- STR05L or
- ICSTR05L or
- ICSCSTR05L4
- SARICSTR05L (Sargent)
- RUSICSTR05L (Corbin/Ruswin)
- YALICSTR05L (Yale)

**STOREROOM**  
Key operates lever, otherwise always locked. ANSI Function – 04

PAS30L

**PASSAGE**  
Trim always operable and free. ANSI Function - 15

DUM40L

**DUMMY**  
Dummy trim. One sided ANSI Function – 10

When ordering "AT" and "SPA" designs, prefix design name before part #. Example: ENT00L in "AT" is **ATENT00L**.

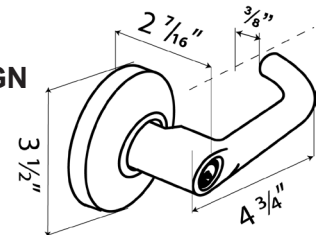
**KEYWAY:** 6 pin solid brass "C" keyway standard. Optional: Schlage E, Schlage C-K, Ruswin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and **Cal-Royal HSK** High Security Cylinders.

- (IC) **INTERCHANGEABLE CORE:** Interchangeable Core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW
- (ICSC) **INTERCHANGEABLE CORE:** Indicates function available with Schlage Full size format Interchangeable Core

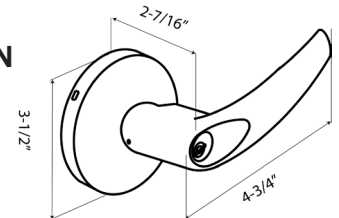
## Other Lever Trim Designs



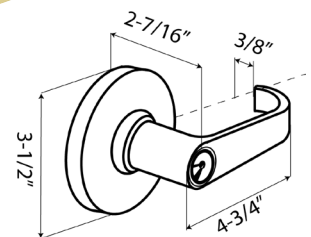
**TUB DESIGN**



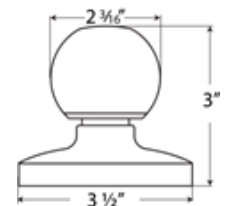
**AT DESIGN**



**SPA DESIGN**



**8000K**



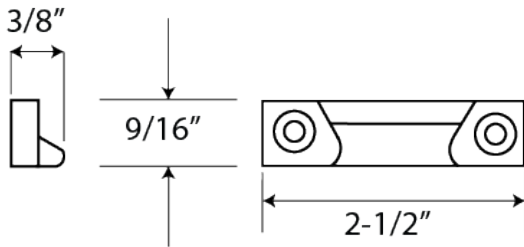


# Strikes & Accessories



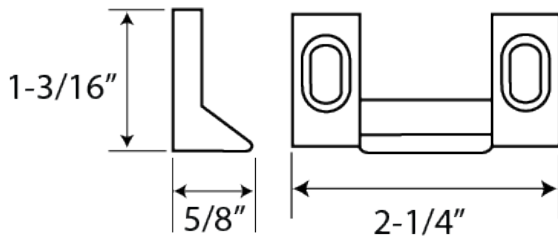
## Strikes for use with T5000V vertical rod exit device

All strikes are black nylon coated



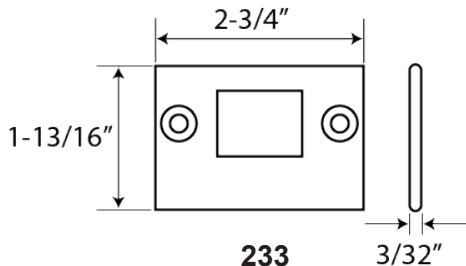
**221**

Standard for T5000V. Applied to surface of floor or to a flat threshold. Standard packaging.



**227**

Applied to surface of stop. No mortise required. Standard packaging.



**233**

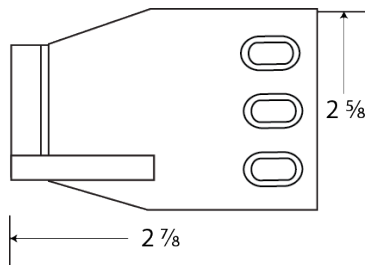
Bottom strike for TF5000V.

Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor. Standard packaging.

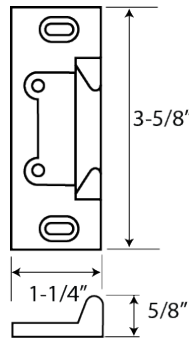
## Overlapping Strikes

**254**

Surface applied. Used on inactive leaf for device on active leaf of pair of doors without mullion.

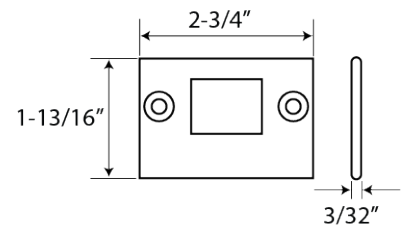


## Strikes for use with TF5000V vertical rod fire exit device



**245**

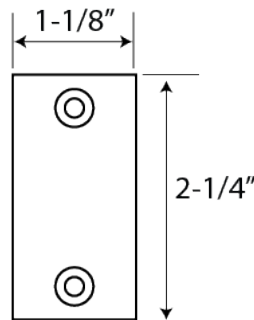
Surface applied for TF5000V. Standard packaging.



**233**

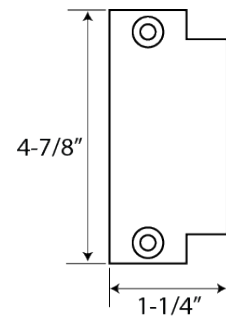
Bottom strike for TF5000V. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor. Standard packaging.

## Additional Accessories



**LFF**

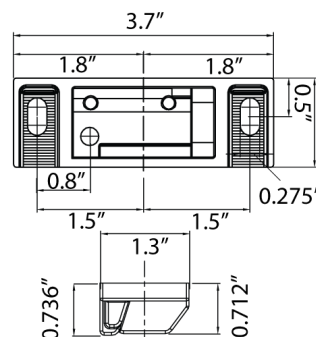
Lock front filler



**SF**

Strike filler

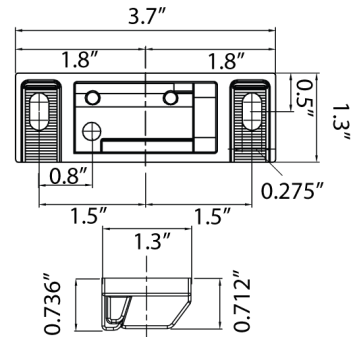
## Strike for use with T5000 rim type exit device



**938**

For T5000 surface applied. Standard packaging

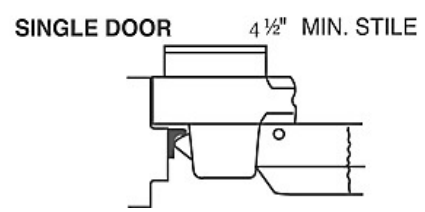
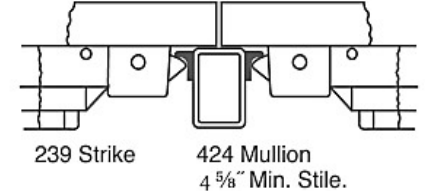
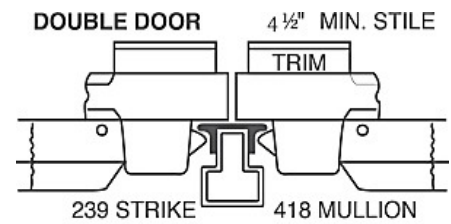
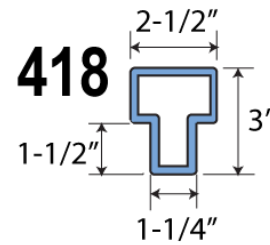
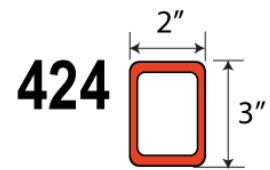
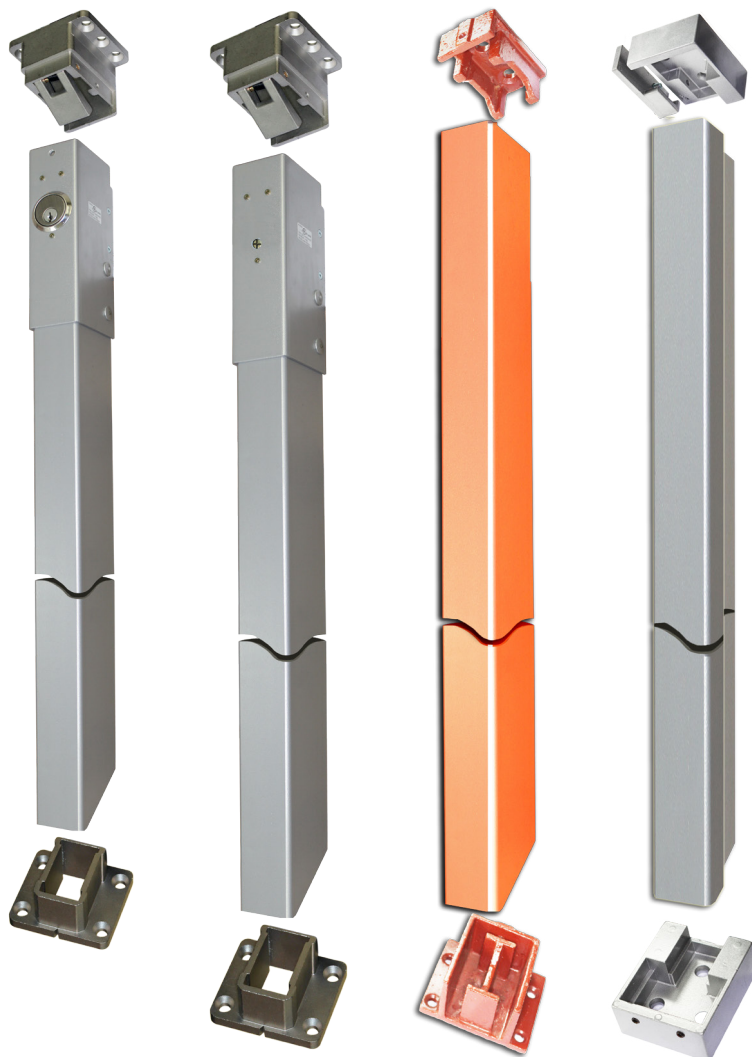
## Strike for use with TF5000 rim type fire exit device



**938**

For TF5000 surface applied. Standard packaging.

# Removable and Lockable Mullions



- LCKUL424
- ICLCKUL424
- ICSC LCK424
- UL424
- 424
- 418

MODEL #	DESCRIPTION
<b>NON-FIRE RATED APPLICATIONS</b>	
418	Removable mullion includes top and bottom retainer supplied as a stock 96" for non-fire rated applications.
<b>FIRE-RATED APPLICATIONS</b>	
424	Fire Exit Mullion. 2" x 3" x 8' steel tubing round corner, iron construction with iron top and bottom retainers. To be used with two rim type devices on two independent active doors with full double door openings.
UL424	<b>UL-Listed</b> Fire Exit Mullion. 2" x 3" x 8' steel tubing round corner, iron construction with iron top and bottom retainers. To be used with two rim type devices on two independent active doors with full double door openings.
LCKUL424	Lockable. <b>UL-Listed</b> Fire Exit Mullion. 2" x 3" x 8' steel tubing round corner, iron construction with iron top and bottom retainers. To be used with two rim type devices on two independent active doors with full double door openings. <b>Schlage C</b> keyway.
● ICLCKUL424	Lockable. <b>UL-Listed</b> Fire Exit Mullion. 2" x 3" x 8' steel tubing round corner, iron construction with iron top and bottom retainers. To be used with two rim type devices on two independent active doors with full double door openings. Interchangeable core locks will accept compatible 6 or 7 pin cores with <b>BEST, FALCON and ARROW</b> .
● ICSC LCKUL424	Lockable. <b>UL - Listed</b> Fire Exit Mullion. 2" x 3" x 8' steel tubing round corner, iron construction with iron top and bottom retainers. To be used with two rim type devices on two independent active doors with full double door openings. Function available with Full size format, <b>Schlage</b> Interchangeable Core.

# Fire Exit Hardware Selector



FIRE EXIT HARDWARE RATING			UL FIRE DOOR RATING
APPLICATION	MODEL #	MAXIMUM DOOR OPENING	(A) 3 HOUR
<b>SINGLE DOORS</b> Rim type	TF5000EO36	3'0" X 7'0"	✓
<b>PAIRS OF DOORS</b> Two surface mounted standard vertical rod type	TF5000V3684 X TF5000V3684	6'0" X 7'2"	✓
	TF5000V3684 X TF5000V3684	6'0" X 7'2"	✓
<b>PAIRS OF DOORS</b> Two rim type with Mullion	TF5000EO36	6'0" X 7'2"	✓

All fire rated exit devices in all applications, are also labeled for (B) 1 ½ hour, (C) ¾ hour, (D) 1 hour, (E) ¾ hour. All fire exit hardware meet UL10C and UBC 7-2-1997 codes.

## HOW TO ORDER INFORMATION

### Exit device model number

#### Panic grade

T5000 E036 Rim type 36" door

T5000 V3684 Vertical rod type 36" x 84"

#### Fire grade

TF5000 E036 Rim type 36" door

TF5000 V3684 Vertical rod type 36" x 84"

- 1) Specify exit device model number according to size of door.
- 2) Specify trim selection.
- 3) Non-Handed
- 4) Specify finish:  
Alum - Powder coated to match US26D  
US32D Stainless Steel
- 5) On thru bolt applications, fire rated vertical rod devices are packed with thru bolts as standard feature. Thru bolts are also available for other devices. To order thru bolts add "SBN" to trim pack.

When ordering separately use following part#

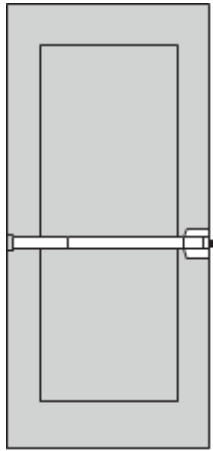
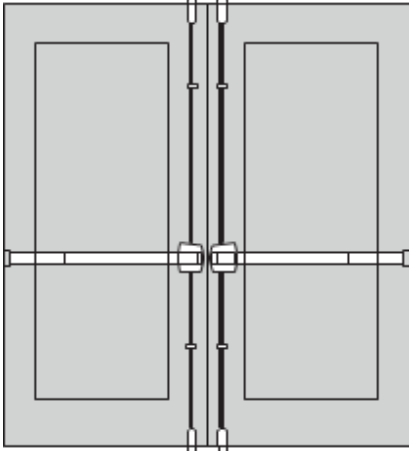
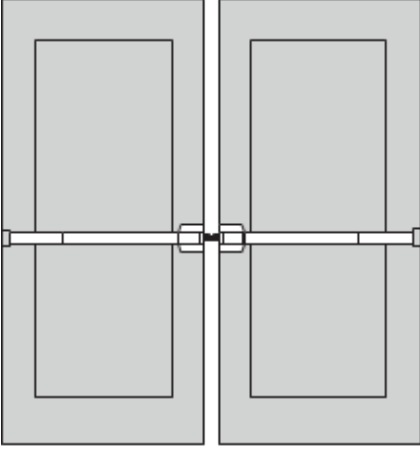
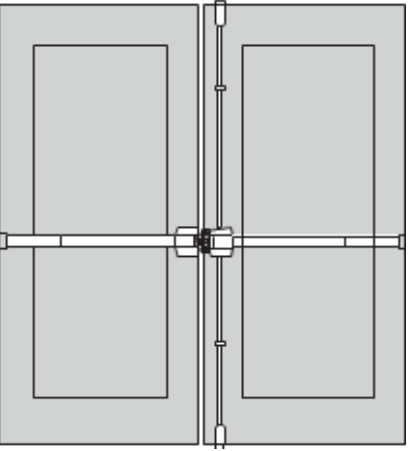
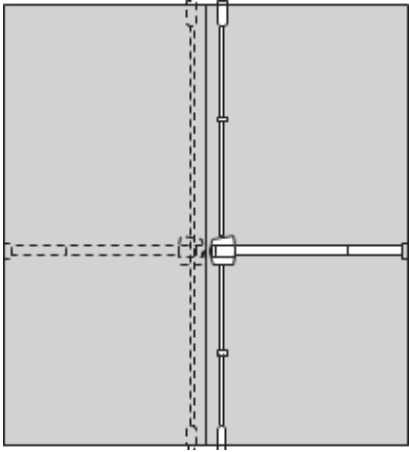
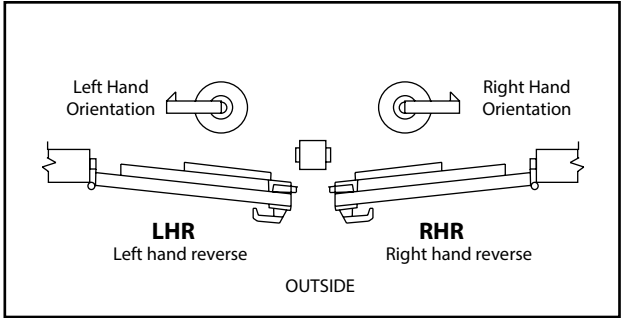
Cal-Royal Part # 357 — Thru bolts for rim devices, 6 PCs / pack.

Cal-Royal Part # 369 — Thru bolts for vertical rod devices, 14 PCs / pack.

**Ordering example:** T5000E036 ALUM X 8000L 26D  
T5000V 3684 32D X CLU5000L 26D

# T5000 & TF5000 Rim Type T5000V & TF5000V Vertical Rod Fire and Non-Fire Exit Devices ANSI A156.3 Grade 2 Selector Chart



<p style="text-align: center;"><b>SINGLE DOOR</b></p>  <p><b>Vertical rod type or Rim type</b> Surface applied 2 point lock. Surface application.</p>	<p style="text-align: center;"><b>PAIRS OF DOORS WITHOUT MULLION</b></p>  <p><b>2 Vertical rod type</b> Surface applied 2 point locking both doors. Each door active same direction. Do not use with overlapping astragal.</p>
<p style="text-align: center;"><b>PAIRS OF DOORS WITH MULLION</b></p>  <p><b>2 Rim type with mullion</b> Two independent active doors with full double door openings when required. Same direction.</p>	<p style="text-align: center;"><b>PAIRS OF DOORS WITHOUT MULLION</b></p>  <p><b>1 Vertical rod and 1 rim type</b> Both devices are surface applied. A coordinator and overlapping strike is recommended.</p>
<p style="text-align: center;"><b>PAIRS OF DOORS WITHOUT MULLION</b></p>  <p><b>2 Vertical rod type</b> Double egress surface applied. 2 point locking both doors opposite directions.</p>	<p style="text-align: center;"><b>HANDING</b></p>  <p><b>LHR</b> Left hand reverse <b>RHR</b> Right hand reverse OUTSIDE</p> <p><b>CAL-ROYAL PRODUCTS, INC.</b> 6605 FLOTILLA ST, COMMERCE, CA 90040 U.S.A. TEL: (323) 888-6601 FAX: (323) 888-6699 Website: cal-royal.com • Email: sales@cal-royal.com</p>