A6600 & AF6600 Rim Type Panic and Fire Exit Devices (ADA)
A6660V & AF6660V Vertical Rod Panic and Fire Exit Devices (ADA)
ANSI A156.3, Grade 1

UL C US
3 HOUR FIRE RATED
UL10C, UBC7-2-1997

LIFETIME WARRANTY

BHMA™ CERTIFIED
Be Safe. Be Secure. Look for the Mark.

ADA COMPLIANT

Features & Construction

♦ For use in Institutions, Schools, Universities, Commercial Buildings where heavy duty reliable operation is a requirement

♦ ANSI A156.3, Grade 1 Heavy Duty Exit Device in Surface Vertical Rod and Rim designs

♦ Rail assemblies are heavy duty extruded steel or stainless steel S304 body with steel or stainless steel S304 push pad and end caps. Rail travels in direction of the door swing

♦ Trims are thru-bolted for additional security

♦ Americans with Disability Act (ADA) compliant. 5lbs opening force on ADA product only.

♦ UL Listed for Panic and ULC10C, UBC 7-2-1997 codes

♦ UL Listed for Fire Exit Hardware. 3 hours

♦ (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. Rim and Vertical Rod Devices are non-handed and easily reversible

♦ Available in many different functions. Lever and escutcheon trims are Grade 1 construction with clutch on rose trims and covers 161 cut-out. Escutcheon trims comes in standard and heavy duty construction. Grade 2 levers are also available with clutch and rigid on rose trims, as well as different pulls, thumbpiece trims and night latches.
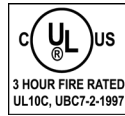
Suggested Architect's Specifications

♦ All Exit Devices shall be of touch bar design with smooth operation and be operative over ⅔ 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 Springs shall be of Stainless Steel throughout

♦ All Exit Devices shall be of chassis mounted unit construction
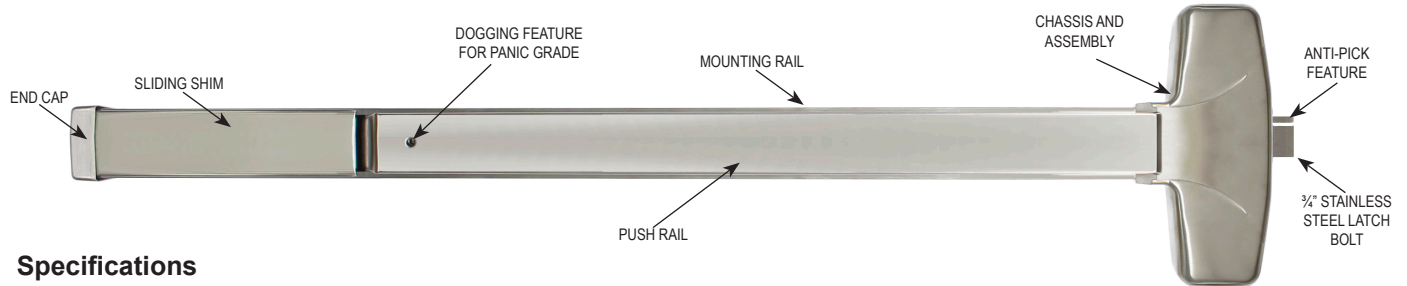
♦ All Exit Devices shall be ANSI A156.3, Grade 1

A6600 & AF6600 ADA Series

GRADE 1 Rim Type Exit Device

CAL-ROYAL PRODUCTS, INC. USA

C(UL)US 3 HOUR FIRE RATED UL10C, UBC7-2-1997 | LIFETIME WARRANTY | BHMA CERTIFIED Be Safe. Be Secure. Look for the Mark.™ | ADA COMPLIANT

END CAP · SLIDING SHIM · DOGGING FEATURE FOR PANIC GRADE · MOUNTING RAIL · CHASSIS AND ASSEMBLY · ANTI-PICK FEATURE · PUSH RAIL · ¾" STAINLESS STEEL LATCH BOLT

Specifications

|	
For Doors............................	1 ¾" thick Standard. Optional 2 ¼" thick. 4 ½" minimum Stile Width for single or double door application using standard 938 strike and pull lever, thumbpiece and escutcheon trims.
Chassis.................................	Steel material for Panic and Fire Grade.
Cover....................................	Zinc or Stainless Steel S304 material. Covers stock hollow metal doors with 161 cut out
Mounting..............................	Furnished with wood and machine screws. Available thru-bolts on request. **(5) Thru-Bolts are included and standard packaging on fire rated devices**
End Cap................................	Steel or Stainless Steel S304 construction
End Bracket..........................	Steel material
Hand.....................................	Non-Handed
Latch Bolt............................	Stainless Steel S304, ¾" throw with anti-pick feature
Spring...................................	Stainless Steel S304 material
ANSI Standard.....................	A156.3, Grade 1
Rail Assembly......................	Heavy Gauge Extruded Steel body with Steel or Stainless Steel S304 push pad
Strike....................................	938 packed standard (See strike page)
Dogging Feature.................	Allen-Type key furnished standard on non-fire labeled devices
Mullion.................................	Available
UL and ULC Listed.............	A6600 Series for Panic. AF6600 Series for Fire Exit hardware for all types of 4' x 8' single doors and 8' x 8' double doors for up to 3 hour fire labeled installations. Conforms to standards UL10C and UBC 7-2-1997 codes
Finish...................................	Architectural plated finishes
Anti-Microbial Coating.......	Available on US32D only. Use part # **ANTB-EXIT**

*Americans with Disability Act (ADA) compliant
5 lbs opening force on ADA Series only*

Refer to the Price List for Stock Sizes and Finishes
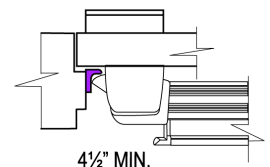
4 ½" Minimum Stile Requirements

DOUBLE DOOR

4½" MIN. STILE — TRIM
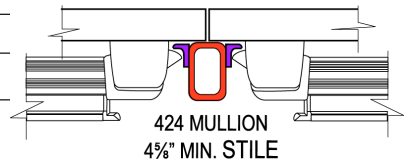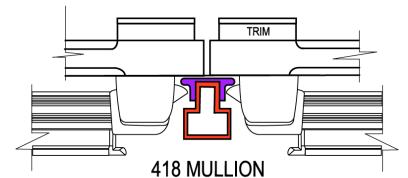
418 MULLION

424 MULLION
4⅝" MIN. STILE

SINGLE DOOR

4½" MIN.

DIMENSIONS

Touchbar height to finished floor	41" (1041 mm) at center
Touchbar projection	
Neutral	2 ⅝" (67 mm)
Depressed	1 ⅞" (48 mm)
Center case	8 ¹⁄₁₆" x 2 ¾" x 2 ½" (205 mm x 70 mm x 63 mm)

MODEL	ACTUAL LENGTH	MAX CUT DOWN	DOOR SIZE	PUSH BAR LENGTH
A6600EO36, AF6600EO36	32"	6"	30" to 36" door width	21"
A6620EO48, AF6620EO48	44"	12"	36" to 48" door width	26 ½"

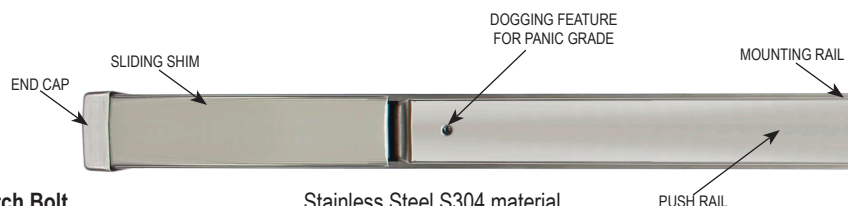# A6660V & AF6660V ADA Series
GRADE 1 Vertical Rod Type Exit Device

CAL-ROYAL PRODUCTS, INC. USA

c(UL)us — 3 HOUR FIRE RATED UL10C, UBC7-2-1997 | **LIFETIME WARRANTY** | **BHMA CERTIFIED** — Be Safe. Be Secure. Look for the Mark. | ADA COMPLIANT
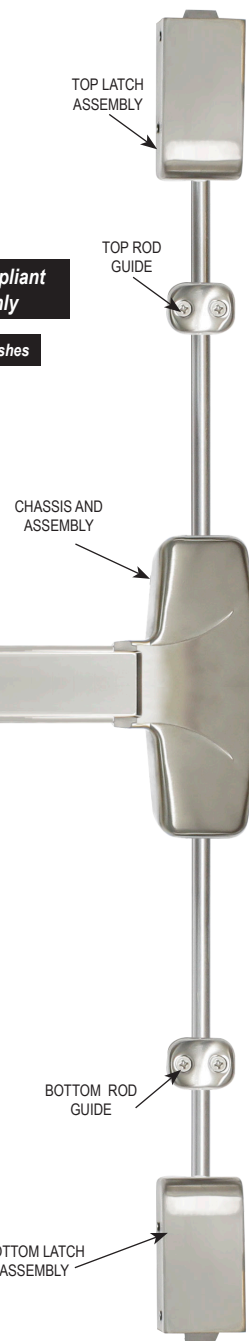
Specifications

For Doors............................ 1 ¾" thick Standard. Optional 2 ¼" thick. 3 ¾" minimum Stile Width required for single door application. 3 ½" minimum Stile Width required for double door application. Lever, thumb piece and escutcheon trims available.

Top & Bottom Chassis........ Steel material for Panic and Fire Grade.

Cover.................................... Aluminum, Zinc or Stainless Steel S304 material. Covers stock hollow metal doors with 161 cut out.
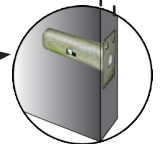
*Americans with Disability Act (ADA) compliant 5 lbs opening force on ADA Series only

*Refer to the Price List for Stock Sizes and Finishes

Mounting.............................. Furnished with wood and machine screws. **(9) Thru-Bolts are included and standard packaging on fire rated devices.**

End Cap................................ Steel or Stainless Steel S304 construction

End Bracket.......................... Steel material

Hand.................................... Handed. Easily field reversible. Specify at time of order LHR, RHR for convenience

TOP LATCH ASSEMBLY

TOP ROD GUIDE

CHASSIS AND ASSEMBLY

END CAP — SLIDING SHIM — DOGGING FEATURE FOR PANIC GRADE — MOUNTING RAIL — PUSH RAIL

Latch Bolt............................ Stainless Steel S304 material

Rod Guide............................ Steel or Stainless Steel S304

ANSI Standard..................... A156.3, Grade 1

Rail Assembly...................... Heavy gauge extruded Steel or Stainless Steel S304 body and push pad

Strike................................... Top Strike, Bottom Strike, Optional Handicap Bottom Strike (See strike page)

Dogging Feature................. Allen-type key furnished standard on non-fire labeled devices

UL and ULC Listed............. A6660V Series for panic. AF6660V Series for fire exit hardware for all types of **8' x 8' double doors** for up to 3 hour fire labeled installations. Conforms to standards UL10C and UBC 7-2-1997 codes

Finish.................................. Architectural plated finishes

Anti-Microbial Coating....... Available on US32D only. Use part # **ANTB-EXIT**

BOTTOM ROD GUIDE

BOTTOM LATCH ASSEMBLY

DIMENSIONS

Touch bar height to finished floor	41" (1041 mm) at center
Touch bar projection	
Neutral	2 ⅝" (67 mm)
Depressed	1 ⅞" (48 mm)
Center case	8 1/16" x 2 ¾" x 2 ½" (205 mm x 68 mm x 62 mm)
Panic grade top & bottom latch case	4" x 2" x 1 ¾" (102 mm x 51 mm x 44 mm)
Fire grade top & bottom latch case	4" x 2" x 1 ¾" (102 mm x 51 mm x 44 mm)
Top and bottom rod length for 36" x 84" doors	Top rod 37 ½" (953 mm), bottom rod 33 ½" (851 mm)
Top and bottom rod length for 48" x 96" doors	Top rod 37 ½" + 12" ETR (1257 mm), bottom rod 33 ½" (851 mm)
Vertical Rods	15/32" (11.9 mm) round tubing

MINIMUM STILE REQUIREMENTS

Double Door with Two Vertical Rod Type Exit Devices

3-1/2" Min. Stile

MODEL	ACTUAL SIZE	MAX CUT DOWN	DOOR SIZE	PUSH BAR LENGTH
A6660V3684, AF6660V3684	32"	6"	30" to 36" door width	21"
A6680V4896, AF6680V4896	44"	12"	38" to 48" door width	26 ½"

ALBR6660V & ALBRF6660V ADA Series
GRADE 1 Vertical Rod Exit Device Less Bottom Rod (LBR)

CAL-ROYAL PRODUCTS, INC. USA

c(UL)us
3 HOUR FIRE RATED
UL10C, UBC7-2-1997

LIFETIME WARRANTY

BHMA™ CERTIFIED
Be Safe. Be Secure. Look for the Mark.

ADA COMPLIANT

TOP LATCH ASSEMBLY

TOP ROD GUIDE

Specifications

For Doors............................. 1 ¾" thick Standard. Optional 2 ¼" thick. 3 ¾" minimum Stile Width required for single door application. 3 ½" minimum Stile Width required for double door application. Lever, thumb piece and escutcheon trims available.

Top Chassis......................... Steel material for Panic and Fire Grade.

Cover..................................... Aluminum, Zinc or Stainless Steel S304 material. Covers stock hollow metal doors with 161 cut out.

Mounting............................. Furnished with wood and machine screws. **(7) Thru-Bolts are included and standard packaging on fire rated devices.**

End Cap................................ Steel or Stainless Steel S304 construction

End Bracket......................... Steel material

Hand..................................... Handed. Easily field reversible. Specify at time of order LHR, RHR for convenience

*Americans with Disability Act (ADA) compliant 5 lbs opening force on ADA Series only

*Refer to the Price List for Stock Sizes and Finishes

CHASSIS AND ASSEMBLY

DOGGING FEATURE FOR PANIC GRADE

MOUNTING RAIL

SLIDING SHIM

END CAP

PUSH RAIL

Latch Bolt............................ Stainless Steel S304 material

Rod Guide........................... Steel or Stainless Steel S304

ANSI Standard.................... A156.3, Grade 1

Rail Assembly..................... Heavy gauge extruded Steel or Stainless Steel S304 body and push pad

Strike................................... Top Strike (See strike page)

Auxiliary Fire Latch............ Stainless Steel S304 material. **Strike hole plug is included in the standard packaging (for fire rated devices only).**

Head Cover Plug................ ABS Plastic construction

Dogging Feature................. Allen-type key furnished standard on non-fire labeled devices

UL and ULC Listed............. A6660V Series for panic for up to 8' x 10' double doors. AF6660V Series for fire exit hardware for all types of **8' x 8' double doors** for up to 3 hour fire labeled installations. Conforms to standards UL10C and UBC 7-2-1997 codes

Finish................................... Architectural plated finishes

Anti-Microbial Coating....... Available on US32D only. Use part # **ANTB-EXIT**

AUXILIARY FIRE LATCH ASSEMBLY INCLUDED FOR FIRE RATED

DIMENSIONS

Touch bar height to finished floor	41" (1041 mm) at center
Touch bar projection Neutral Depressed	2 ⅝" (67 mm) 1 ⅞" (48 mm)
Center case	8 ¹⁄₁₆" x 2 ¾" x 2 ½" (205 mm x 68 mm x 62 mm)
Panic grade top latch case	4" x 2" x 1 ¾" (102 mm x 51 mm x 44 mm)
Fire grade top latch case	4" x 2" x 1 ¾" (102 mm x 51 mm x 44 mm)
Top rod length for 36" x 84" doors	Top rod 37 ½" (953 mm), bottom rod 33 ½" (851 mm)
Top rod length for 48" x 96" doors	Top rod 37 ½" + 12" ETR (1257 mm), bottom rod 33 ½" (851 mm)
Vertical Rods	¹⁵⁄₃₂" (11.9 mm) round tubing

MINIMUM STILE REQUIREMENTS

Double Door with Two Vertical Rod Type Exit Devices

3-1/2" Min. Stile

MODEL	ACTUAL SIZE	MAX CUT DOWN	DOOR SIZE	PUSH BAR LENGTH
ALBR6660V3684, **ALBR**F6660V3684	32"	6"	30" to 36" door width	21"
ALBR6680V4896, **ALBR**F6680V4896	44"	12"	38" to 48" door width	26 ½"

CAL-ROYAL PRODUCTS, INC. U.S.A.

CRP SECURITIES USA

(800) 876-9258 | www.cal-royal.com | *Rev. AUG 2024*

Alarm Exit Hardware

EMERGENCY EXIT ONLY
ALARM WILL SOUND

CAL-ROYAL
PRODUCTS, INC.
USA

| PANIC GRADE	FIRE GRADE
NALRM660036 - Alarm Rim Type 36" Door	FNALRM660036 - Alarm Rim Type 36" Door
NALRM662048 - Alarm Rim Type 48" Door	FNALRM662048 - Alarm Rim Type 48" Door

FEATURES

- Alarm unit has an internal horn. When the push rail is depressed, the horn sounds to provide an audible means of signaling that the door has been opened and breached.

- The alarm will sound continuously for 150 seconds or until disarmed. A running alarm mode can be set to sound a 6-second beep every 6 seconds after the initial 150 seconds expires. Running alarm will sound until the unit is disarmed or until battery runs out of power.

- Alarm sound frequency is 120 db

- The key switch to turn alarm off is a standard 1 ¼" cylinder with "C" keyway. The alarm operates on two standard 1.5-volt AA battery.

- Unit includes a decal for application on door or unit: "EMERGENCY EXIT ONLY ALARM WILL SOUND"

- **FIRE ALARM** - a built-in heat sensor will sound a continuous 0.3 sec interval beeping sound when surrounding temperature reaches 122°F ±7.2°F, until it is disarmed or the temperature goes down to 113°F or below.

- **LOW BATTERY ALARM** - When battery voltage drops to 2.4VDC ± 0.1VDC a 0.3 sec beep every 3 seconds will sound.

FOR OTHER TYPES, PREFIX "NALRM" BEFORE PART#

RELAY SWITCHING FUNCTION - A relay switching function and dry relay contact, together with a programmable built-in timer can be utilized to set up a delayed egress application when used with a *magnetic door holder*.

1. Running Alarm Dip Switch
2. Relay Function Dip Switch

DELAYED EGRESS SETUP
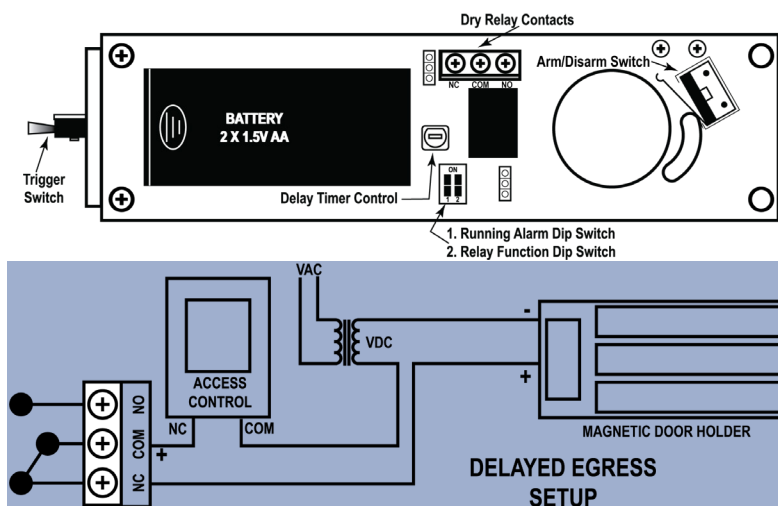
Magnetic Door Holder not included, must purchase from 3rd party

Cylinder Dogging Kit

TO ORDER: Prefix "CD" before PART #. Available for all A6600 Series devices except fire exit hardware.
To order **KIT ONLY**: use PART # 36CD6600 for 36" and 48CD6600 for 48" devices. Specify finish.

Finishes (Refer to Price List for Stock Finishes)

Cal-Royal	Description	BHMA	US Finish	Material
DURO	Duronodic	313	710	Bronze
ALUM	Aluminum	628	US28	Aluminum
US32D	Satin Stainless	630	US32D	Stainless Steel

- **(IC) INTERCHANGEABLE CORE** locks will accept compatible 6 or 7-Pin cores with **BEST, FALCON and ARROW.**
- **(ICSC) INTERCHANGEABLE CORE** available with **Schlage Full Size Format. Corbin, Sargent and Yale** format also available.

Trim Selection
CLUTCH CYLINDRICAL LEVER

<u>Non-Handed</u> Grade 1 (Clutch Style)
Cylindrical body hardened steel heavy duty tailpiece. For 1 ¾" and 2 ¼" doors.
Prefix **"THI"** before Part # for 2 ¼" door thickness.
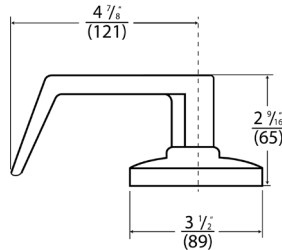Available for fire and non-fire rated rim and vertical rod exit devices.
Rose diameter 3 ½", lever length 4 ¾". Fits and covers 161 cutout.
<u>Finishes:</u> US26D, US26, US3, US4, US10B, US10BE, US1

*GN DESIGN ONLY: ENT00L, ICENT00L, STR05L, ICSTR05L, PAS30L, DUM40L IN US32D FINISH, ALL STAINLESS STEEL EXTERIOR. INCLUDES GRADE 304SS LEVER AND ROSE

Other Lever Trim Designs

Available in SFIC & LFIC
AT

Available in SFIC & LFIC
SPA

Available in SFIC
TUB

Available in SFIC & LFIC
except YALE LFIC
AUG

Available in SFIC & LFIC
except YALE LFIC
DAN

Available in SFIC & LFIC
except YALE LFIC
LON

Available in SFIC & LFIC
except YALE LFIC
TAC

Patented Clutch Freewheeling

GN DESIGN

4 ⁷⁄₈" (121)
2 ⁹⁄₁₆" (65)
3 ½" (89)
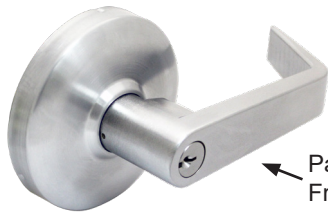
ENT00L or
ICENT00L or
ICSCENT00L4
SARICENT00L (Sargent)
RUSICENT00L (Corbin / Russwin)
YALICENT00L (Yale)

ENTRANCE
Key locks and unlocks lever.
Operates as CLASSROOM FUNCTION.
ANSI Function (08)

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

STOREROOM
Key operates lever,
otherwise always locked.
ANSI Function (09)

PAS30L

PASSAGE
Trim always operable and free.
ANSI Function (14)

DUM40L

DUMMY
Dummy trim. One sided
ANSI Function (02)

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.

(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, CORBIN/RUSSWIN, SARGENT and YALE Full Size Format** Interchangeable Core

KEYWAY	+	DESIGN	+	FUNCTION	+	FINISH
BEST, FALCON, & ARROW - IC SCHLAGE - ICSC CORBIN/RUSSWIN - RUSIC SARGENT - SARIC YALE - YALIC		AT SPA TUB* AUG DAN LON TAC		ENT00L STR05L PAS30L DUM40L		

HOW TO ORDER IN LFIC

Example: ICSCENT00L4 US26D
in "SPA" design is
ICSC**SPA**ENT00L4 US26D

**Note: Yale LFIC is only available in GN, AT, SPA lever designs | TUB* is only available in SFIC.

Anti-Microbial Coating available in US26D or US32D Only. Use part # "**ANTB-TRIM**" when ordering.
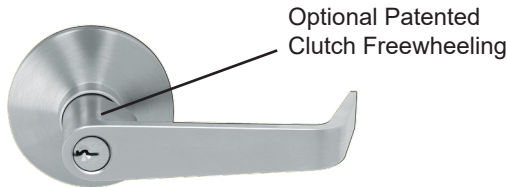
Trim Selection

LEVER DESIGN

<u>Non-Handed</u> (Optional Clutch)
Tubular body hardened steel heavy duty tailpiece.
For 1 ¾" doors. Available for fire and non-fire rated
rim and vertical rod exit devices. Rose diameter 3 ½",
lever length 4 ¾". Fits and covers 161 cutout.
Finishes: US26D, 10B, 3

Optional Patented
Clutch Freewheeling

8000L	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)
8000S	STOREROOM Key retracts latchbolt, otherwise always locked. ANSI Function (09)
8000PAS	PASSAGE Lever always operable and free. ANSI Function (14)
8000DUM	DUMMY Dummy trim. One sided. ANSI Function (02)

KNOB DESIGN

<u>Non-Handed</u>
Tubular body hardened steel heavy duty tailpiece.
For 1 ¾" doors. Available for fire and non-fire rated
rim and vertical rod exit devices. Rose diameter 3 ½".
Fits and covers 161 cutout. Finishes: US32D, 10B, 3

8000K

2 ³⁄₁₆"   3"   3 ½"
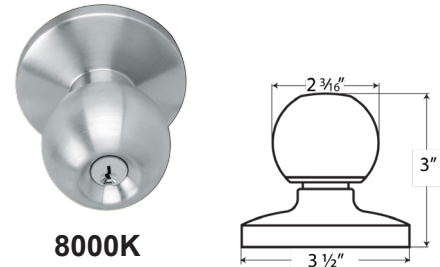
8000K	ENTRANCE Key locks and unlocks lever. Operates as classroom function. ANSI Function (08)
8000KSTR	STOREROOM Key retracts latchbolt, otherwise always locked. ANSI Function (09)
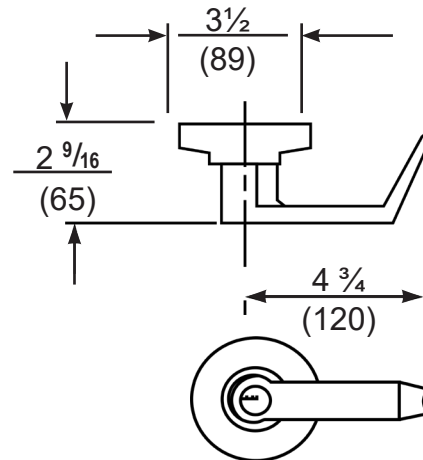
3½ (89)
2 ⁹⁄₁₆ (65)
4 ¾ (120)

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

5000NL   **5000DTP**   **5000EOP**

FOR RIM DEVICES ONLY
Outside by pull and key.
Key retracts latchbolt.
ANSI Function (03)
Covers 161 cutout.

FINISHES
Powder Coated Aluminum (ALUM)

Outside by pull only.
Pull when dogged.
ANSI Function (02)
Covers 161 cutout.

Outside by plate only.
ANSI Function (01)
Covers 161 cutout.

Trim Selection
CLUTCH LEVER ESCUTCHEON

Lever Trim Designs

CONSTRUCTION
- Non-Ferrous Alloy Material
- Clutch Mechanism
- Double Heavy Duty Spring Support to prevent sagging and enhance operation
- Grade 1, Thru-Bolted design. Non-Handed design.
- Easily field reversible
- Hardened Steel Heavy Duty Spindle.
- Available for Fire and Non-Fire Rated Rim and Vertical Rod Exit Devices
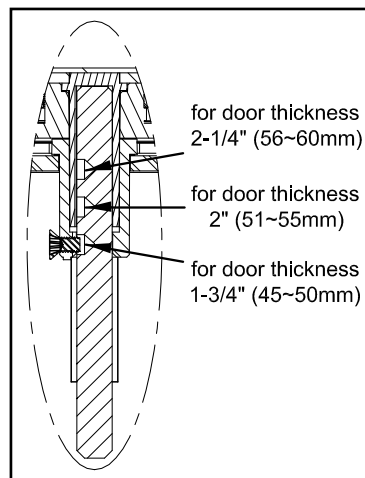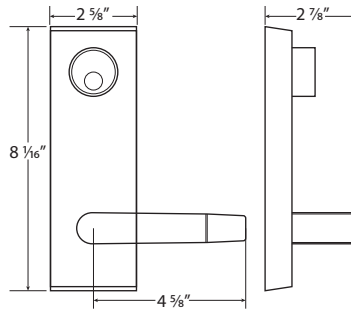- Standard 6-Pin Schlage "C" Mortise Cylinder included

DOOR THICKNESS
Standard 1 ¾" to 2". For 2 ¼" thick door us e additional **Part # TAIL3**

ESCUTCHEON DIMENSIONS
2 ¾" width x 8 $^7/_{16}$" length. Lever length: 4 $^9/_{16}$".
Fits and covers 2 ⅛" 161 cutout

TO ORDER other lever design
insert "**RL**" or "**TUB**" before "**ESC**":

e.g. **RL**ESC6600 for ESC6600 with RL design
or **TUB**ESC6600 for ESC6600 with TUB design
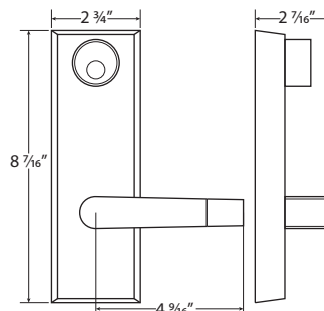
ESC6600

RLESC6600

TUBESC6600

ESC6600	**ENTRANCE**
ICESC6600	Clutch Entrance, key locks or unlocks escutcheon trim
ICSCESC6600	ANSI Function (08) Operates as classroom function
ESC6605	**STOREROOM**
ICESC6605	Clutch Storeroom, key unlocks lever, lever retracts latch
ICSCESC6605	bolt, otherwise always locked. ANSI Function (09)
ESC6630	**PASSAGE**
	Trim always operable and free. ANSI Function (14)
ESC6640	**DUMMY**
	Dummy Escutcheon trim ANSI Function (02)

Anti-Microbial Coating available in US26D Only. Use part # "**ANTB-TRIM**" when ordering.

KEYWAY: 6-Pin solid brass "C" keyway Mortise Cylinder 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.

(IC) INTERCHANGEABLE CORE locks will accept compatible 6 or 7-Pin cores with **BEST, FALCON and ARROW.**
(ICSC) INTERCHANGEABLE CORE available with **Schlage Full Size Format. Corbin, Sargent and Yale** format also available.

Trim Selection

HEAVY DUTY STAINLESS STEEL
CLUTCH LEVER ESCUTCHEON
(High Frequency Abusive Situation such as Schools, Hospitals, Industrial / Institutional)

CONSTRUCTION
- **Stainless Steel Material**
- Clutch Mechanism
- Double Heavy Duty Spring Support to prevent sagging and enhance operation
- Grade 1, Thru-Bolted design. Non-Handed design.
- Easily field reversible
- Includes Adjustable Heavy Duty Steel Spindle.
- Available for Fire and Non-Fire Rated Rim and Vertical Rod Exit Devices
- Standard 6-Pin Schlage "C" Mortise Cylinder included

DOOR THICKNESS
Standard 1 ¾" to 2 ¼".
Use Adjustable Spindle for 1 ¾", 2, 2 ¼" door thickness.

ESCUTCHEON DIMENSIONS
2 ⅝" width x 8 1/16" length. Lever length: 4 ⅝".
Fits and covers 2 ⅛" 161 cutout

for door thickness 2-1/4" (56~60mm)

for door thickness 2" (51~55mm)

for door thickness 1-3/4" (45~50mm)

ESC3300	**ENTRANCE**	
⦚ ICESC3300	Clutch Entrance, key locks or unlocks escutcheon trim	
⬤ ICSCESC3300	ANSI Function (08) Operates as classroom function	
ESC3305	**STOREROOM**	
⦚ ICESC3305	Clutch Storeroom, key unlocks lever, lever retracts latch	
⬤ ICSCESC3305	bolt, otherwise always locked. ANSI Function (09)	
ESC3330	**PASSAGE**	
	Trim always operable and free. ANSI Function (14)	
ESC3340	**DUMMY**	
	Dummy Escutcheon trim ANSI Function (02)	

TO ORDER other lever design insert "**RL**" or "**TUB**" before "**ESC**":
e.g. **RL**ESC3300 for ESC3300 with RL design
or **TUB**ESC3300 for ESC3300 with TUB design

Lever Trim Designs

ESC3300

RLESC3300

TUBESC3300

Anti-Microbial Coating available in US32D Only. Use part # "**ANTB-TRIM**" when ordering.

KEYWAY: 6-Pin solid brass "C" keyway Mortise Cylinder 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.

⦚(IC) INTERCHANGEABLE CORE locks will accept compatible 6 or 7-Pin cores with **BEST, FALCON and ARROW.**
⬤(ICSC) INTERCHANGEABLE CORE available with **Schlage Full Size Format. Corbin, Sargent and Yale** format also available.

Trim Selection
PULL DESIGN

7700 NL
IC7700NL
ICSC7700NL

2 ⅝"

14 ⁹⁄₁₆"

¾"

FOR RIM DEVICES ONLY
Outside by pull and key.
Key retracts latch bolt.
ANSI function (03)
Covers 161 cutout

KEYWAY
Standard 6-Pin solid brass "C" keyway Rim Cylinder included.

FINISHES
Architectural plated finishes.

7700 DTP

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

2 ⅝"

14 ⁹⁄₁₆"

¾"
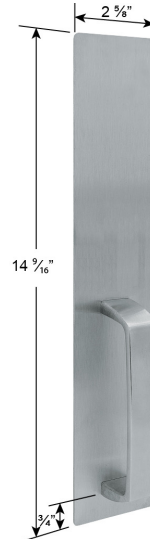
7700 EOP

Outside by plate only.
ANSI function (01)
Covers 161 cutout

2 ⅝"

14 ⁹⁄₁₆"
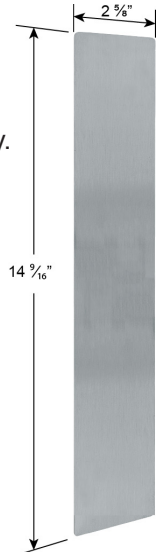
> **IMPORTANT: 7700 Series Exit Device Trims shown on this page can be used on the 6600 Series Exit Devices**

KEYED   **DUMMY**

2 ⅝"   2 ⅝"

14 ½"   14 ½"

1 ⅜"   1 ⅜"

77TP00 or
IC77TP00
ICSC77TP00

ENTRANCE
Key locks or unlocks thumbpiece.
(Operates as classroom function)
ANSI Function (05)

77TP05 or
IC77TP05
ICSC77TP05

STOREROOM
Key unlocks thumbpiece, thumbpiece retracts latch bolt, otherwise always locked.
ANSI Function (06)

77TP30

PASSAGE
Trim always operable and free.
ANSI Function (15)

77TP40

DUMMY
Dummy trim. **Includes blank Mortise dummy cylinder.** One sided.
ANSI Function (02)
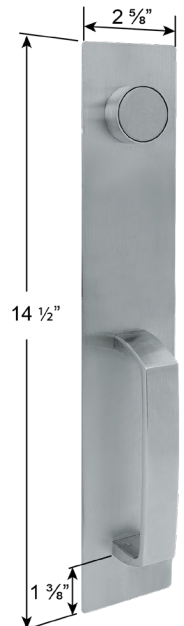
KEYWAY: 6-Pin solid brass "C" keyway Mortise Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and *Cal-Royal HSK* High Security Cylinders.

(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. Corbin, Sargent and Yale format also available.

FINISHES
Architectural plated finishes.

Trim Selection
PULL DESIGN

98GLSNL
IC98GLSNL
ICSC98GLSNL

Outside by pull and key.
Key retracts latch bolt.
ANSI Function (03)
(SPECIFY HANDING)
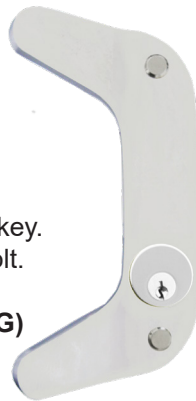
98GLSUP

Outside by pull only.
Pull when dogged.
ANSI Function (02)
(NON-HANDED)
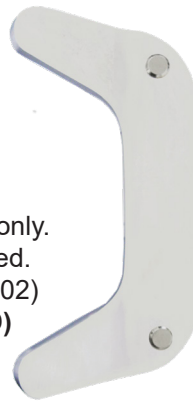
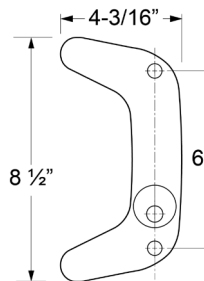**GLSRIMEOP**

Outside cover plate
only.
ANSI Function (01)

KEYWAY
Standard 6-Pin solid brass "C"
keyway Rim Cylinder included.

FINISHES
Architectural plated finishes.

4-3/16"
8 ½"
6

4-3/16"
8 ½"
6⅛"

1"
8"
6⅛"
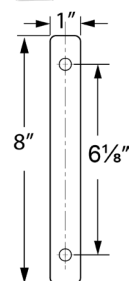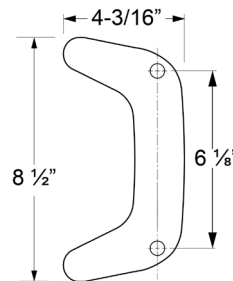
IMPORTANT:GLS9800 and GLSCVR9800
Trims shown on this page can be used on
the 6600 Series Exit Devices

98GLSCYL-1

IC98GLSCYL-1
ICSC98GLSCYL-1

OFSTPUL-10
(REVERSIBLE)

4"
1" DIA.
10"
11"
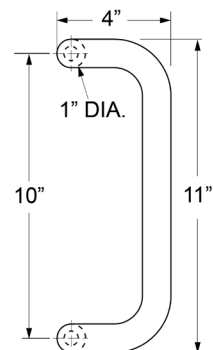
KEYWAY: 6-Pin solid brass "C" keyway Rim Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and *Cal-Royal HSK* High Security Cylinders.

(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. Corbin, Sargent and Yale format also available.

Heavy Duty Digital Exit Trims

CR5000 TRILOGY® KEYLESS EXIT TRIM

Features

- Clutch mechanism insures long life and durability
- Fingertip and / or Windows programmable
- 2000 User Codes: Master, manager, supervisor and users
- Real Time Clock for up to 40,000 Event Time / Date-Stamped Audit Trail
- Up to 500 Lock / Unlock Schedules (with Time Zone Support)
- Rugged 12-Button Metal Keypad
- Adaptable to most major manufacturers of standard RIM and IC RIM Cylinders
- Battery operated; uses 5 AA batteries
- Optional Interchangeable Core available with Best, Falcon & Arrow
- Non-Handed; Fully Reversible
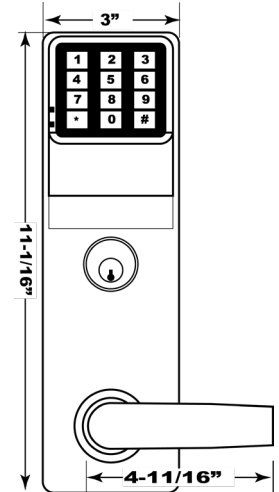
MECHANICAL CRCODE204

Features

- Breakaway Lever Design
- Easy On-Door Code Change
- Weather Resistant
- Code-Free Option (Passage)
- 1 - 12 digit Length Code
- Thousands of Possible Code Combinations
- Single Code User
- Applications: Offices, Schools, Hospitals, Apartments, Hotels / Motels, Residential, Commerical and Public Buildings
- Door Thickness: 1 ¾" - 2"
- Non-Handed, Fully Reversible
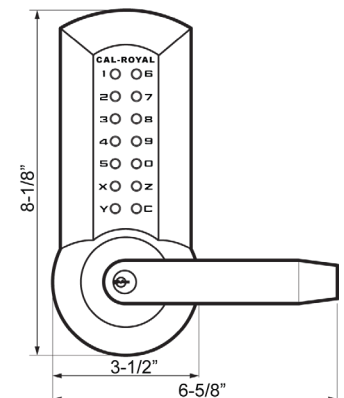
Strike & Accessories

Strikes for use with A6660V and AF6660V Vertical Rod Exit Device
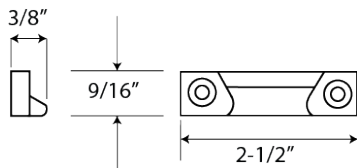
221
Optional Handicap Bottom Strike. Applied to surface of floor or to a flat threshold. Standard packaging.
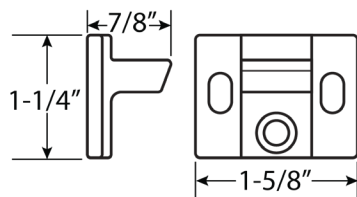
620
Top Strike. Standard packaging.
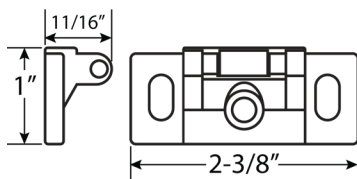
630
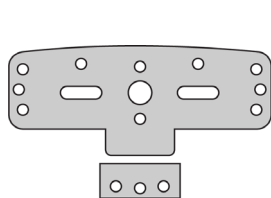Bottom Strike. Applied to surface of floor or to a flat threshold. Standard packaging.
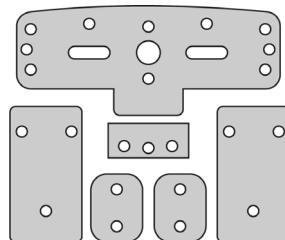
Overlapping Strikes
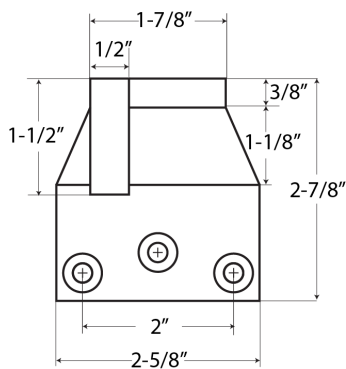
951
Surface applied.
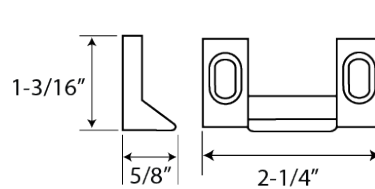Used on inactive leaf for device on active leaf of pair of doors without mullion.

GLASS BEAD SHIM KITS

601 – for Rim type, ⅛" thick

612 – for Vertical type, ⅛" thick

Additional Accessories

227
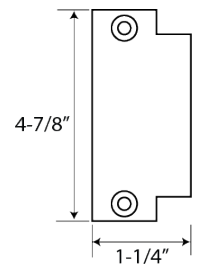Applied to surface of stop.
No mortise required.
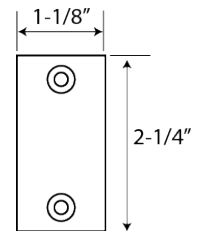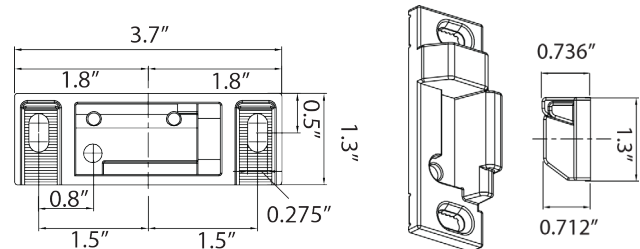
LFF
Lock front filler
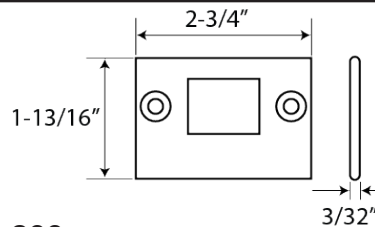
233
Bottom strike.
Flush mounting stainless steel.
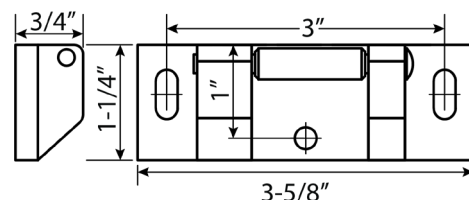Furnished with expansion shields.
Requires mortise in the floor.

SF
Strike filler

Strike for use with A6600 Rim Type Exit Device

938
for A6600 surface applied. Standard packaging.

660
Roller Rim Strike for A6600 surface applied. Optional.

Additional Rods

EXTROD66-12 – Rod for 9' non-rated door
EXTROD66-24 – Rod for 10' non-rated door

Fire Exit Hardware Selector

FIRE EXIT HARDWARE RATING			UL DOOR RATING
APPLICATION	**MODEL #**	**MAXIMUM DOOR OPENING**	**(A) 3 HOUR**
SINGLE DOORS Rim type	AF6600EO36 AF6620EO48	4'0" X 8'0"	✓
PAIRS OF DOORS Two surface mounted standard vertical rod type or less bottom rod (LBR) application. Prefix **LBR** before Part # a) Swinging in same direction b) Swinging in opposite direction (double egress)	AF6660V3684 X AF6660V3684	8'0" X 7'0"	✓
	AF6680V4896 X AF6680V4896	8'0" X 8'0"	✓
PAIRS OF DOORS Two rim type with Mullion	AF6600EO36 AF6620EO48	8'0" X 8'0"	✓

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

A6600 EO36 Rim type 36" door
A6620 EO48 Rim type 48" door
A6660 V3684 Vertical rod type 36" x 84"
A6680 V4896 Vertical rod type 48" x 96"
EXTROD66-12 – Rod for 9' non-rated door
EXTROD66-24 – Rod for 10' non-rated door

Fire grade

AF6600 EO36 Rim type 36" door
AF6620 EO48 Rim type 48" door
AF6660 V3684 Vertical rod type 36" x 84"
AF6680 V4896 Vertical rod type 48" x 96"

1) Specify exit device model number according to size of door.
2) Specify trim selection. For Interchangeable Core prefix "IC" before Part #. See trim selection pages.
3) For vertical rod devices specify LHR (Left Hand Reverse) or RHR (Right Hand Reverse) for convenience easily field reversible, otherwise shipped as LHR.
4) Specify finish: Alum, Duro, or 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.
Cal-Royal Part # 363 —— Thru-Bolts for Rim Devices, 6 pcs / pack for 2 ¼" thick doors.
Cal-Royal Part # 375 —— Thru-Bolts for Vertical Rod Devices, 14 pcs / pack for 2 ¼" thick doors.

Ordering example: A6600E036 ALUM X SBN X ENT00L 26D
                                      AF6680V4896 US32D X ICSTR05L 26D

A6600 Series Fire and Non-Fire Exit Devices
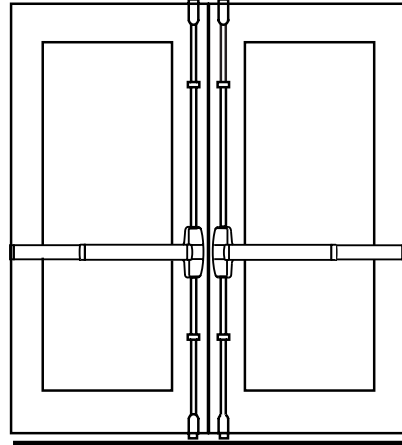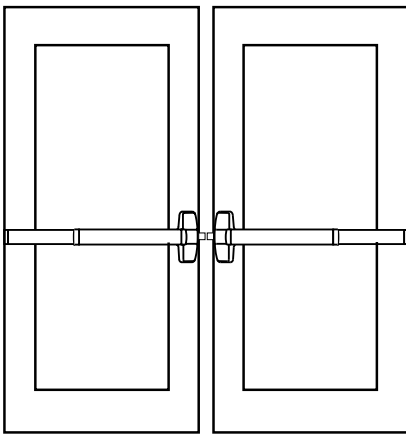# ANSI A156.3 Grade 1 Selector Chart

SINGLE DOOR
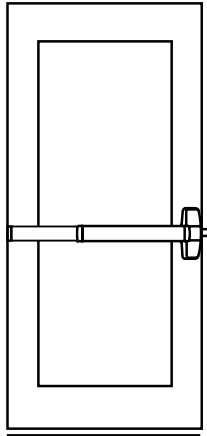
Vertical rod type or Rim type — Surface applied 2 point lock. Surface application.
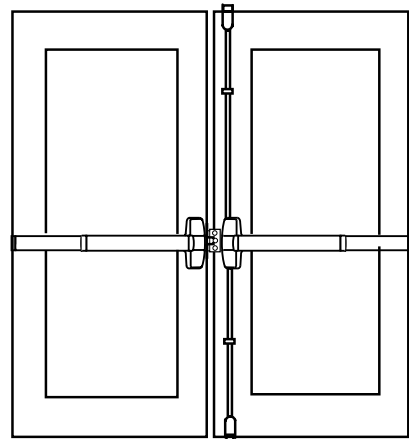
PAIR OF DOORS WITHOUT MULLION

2 Vertical rod type — Surface applied 2 point locking both doors. Each door active same direction. Do not use with overlapping astragal.
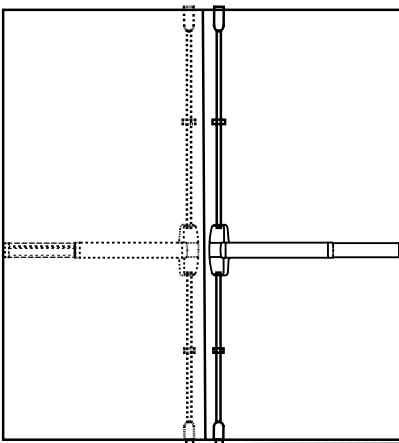
PAIR OF DOORS WITH MULLION

2 Rim type with mullion — Two independent active doors with full double door openings when required. Same direction.

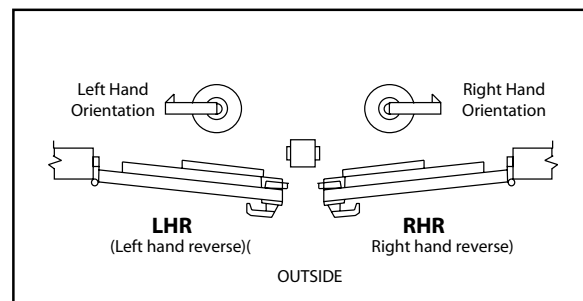## PAIR OF DOORS WITHOUT MULLION

1 Vertical rod and 1 rim type — Both devices are surface applied. A coordinator and overlapping strike is recommended.

PAIR OF DOORS WITHOUT MULLION

2 Vertical rod type — Double egress surface applied. 2 point locking both doors opposite directions.

HANDING

Left Hand Orientation

Right Hand Orientation

LHR (Left hand reverse)

RHR Right hand reverse)

OUTSIDE

CAL-ROYAL PRODUCTS, INC.
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

Exit Devices
Comparison Chart

EXIT DEVICE CONVERSIONS	RIM	VERTICAL ROD
ARROW	S1200	S1100
CAL-ROYAL	A6600 / A9800 / A7700	A6660V / A9860V / A7760V
CORBIN / RUSSWIN	ED8200	ED8400
DETEX	V4000	---
DORMA	8300	8400
PRECISION	5100	5200
SARGENT	2828	2727
VON DUPRIN	98 / 99	9827 / 9927
YALE	2100	2110

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