CAL-ROYAL
P R O D U C T S, I N C. U.S.A.

6600 & F6600 Rim Type Panic And Fire Exit Devices
6660V & F6660V Vertical Rod Panic And Fire Exit Devices
ANSI A156.3, Grade 1

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

LIFETIME WARRANTY

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

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

♦ 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
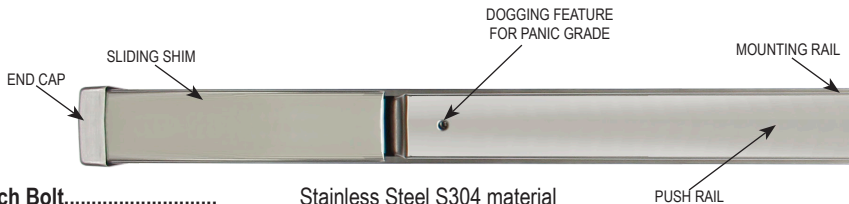
♦ All Exit Devices shall be ANSI A156.3, Grade 1

6660V & F6660V Series
GRADE 1 Vertical Rod Type Exit Device

3 HOUR FIRE RATED
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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 & 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.

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

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, 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............. 6660V Series for panic. F6660V 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 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 & 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
6660V3684, F6660V3684	32"	6"	30" to 36" door width	21"
6680V4896, F6680V4896	44"	12"	38" to 48" door width	26 ½"

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

CRP SECURITIES USA

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