

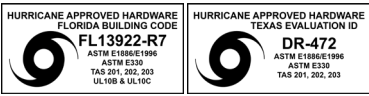


CAL-ROYAL

PRODUCTS, INC. U.S.A.



A7700 & AF7700 Rim Type Panic and Fire Exit Devices (ADA) A7760V & AF7760V Vertical Rod Panic and Fire Exit Devices (ADA) ANSI A156.3, Grade 1



(FOR FIRE RATED RIM & VERTICAL ROD EXIT DEVICES ONLY)

Features & Construction

- ◆ **Retrofits Von Duprin 99 & 98 Series using 7700 Escutcheon Trim**
- ◆ Americans with Disability Act (ADA) compliant. 5lbs opening force on ADA product only
- ◆ 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 aluminum body with Stainless Steel push pad and end caps are made of brass, bronze or stainless steel. Rail travels in direction of the door swing
- ◆ Trims are thru-bolted for additional security
- ◆ Conforms & Meets ADA Regulations

CONFIGURATION	MAX FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE
SINGLE	40" x 88"	F7700V SERIES F7700 SERIES	+70.0	-70.0
	52" x 98"		+50.0	-50.0
DOUBLE	76" x 88"	F7700V SERIES	+70.0	-70.0
	100" x 98"		+50.0	-50.0

- ◆ 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. Escutcheon trims are rigid and 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 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

A7760V & AF7760V ADA Series

GRADE 1, Vertical Rod Type Exit Device



LIFETIME WARRANTY

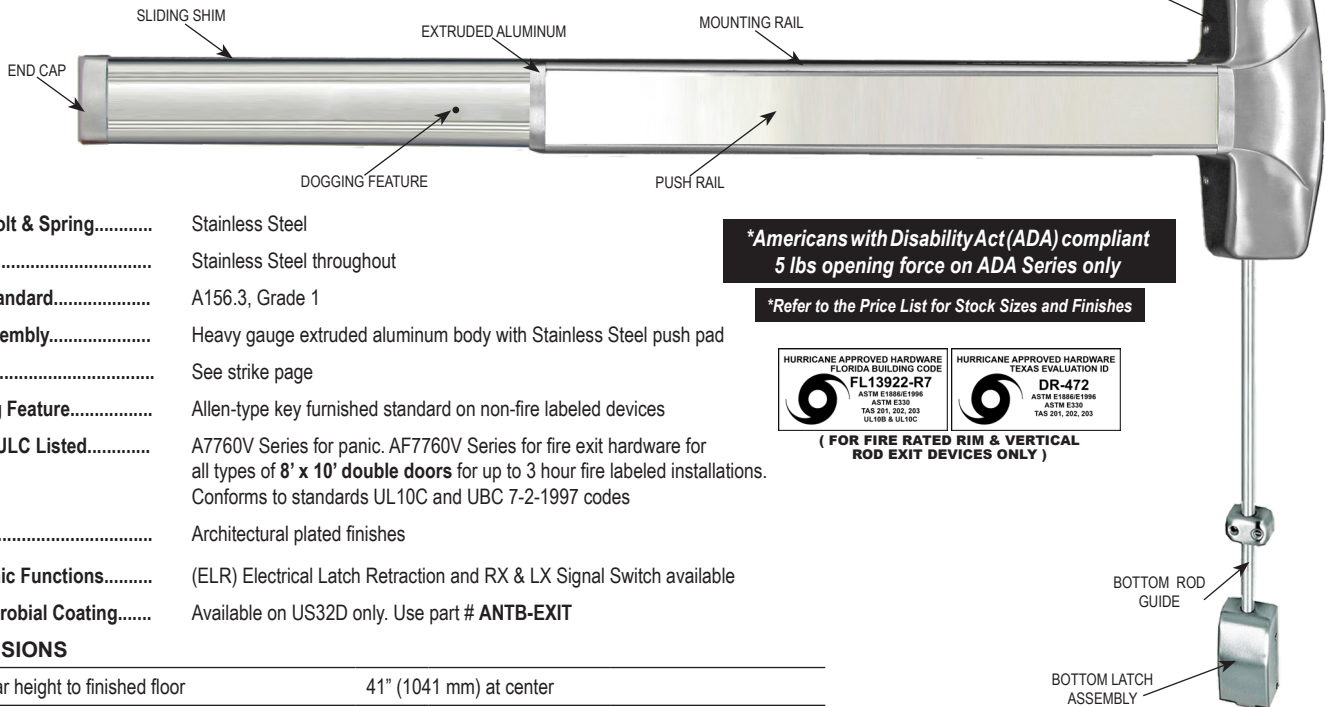
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Specifications

- For Doors.....** 1 3/4" thick standard optional 2 1/4" thick. 3 3/4" minimum stile width required for single door application. 3 1/2" minimum stile width required for double door application. Lever, thumb piece and escutcheon trims available. 2 3/4" backset
- Top & Bottom Chassis.....** Non-ferrous Alloy (Panic Grade), Steel (Fire Grade)
- Cover.....** Non-ferrous plated material. Covers stock hollow metal doors with 161 cut out.
- Mounting.....** Furnished with wood and machine screws. **Thru-bolts are included and standard packaging on fire rated devices.**
- End Cap.....** Brass, Bronze or Stainless Steel construction
- Alarm.....** Available. Prefix "NALRM" before MODEL #
- Hand.....** Handed. Easily field reversible. Specify at time of order LHR, RHR for convenience



- Latch Bolt & Spring.....** Stainless Steel
- Spring.....** Stainless Steel throughout
- ANSI Standard.....** A156.3, Grade 1
- Rail Assembly.....** Heavy gauge extruded aluminum body with Stainless Steel push pad
- Strike.....** See strike page
- Dogging Feature.....** Allen-type key furnished standard on non-fire labeled devices
- UL and ULC Listed.....** A7760V Series for panic. AF7760V Series for fire exit hardware for all types of 8' x 10' double doors for up to 3 hour fire labeled installations. Conforms to standards UL10C and UBC 7-2-1997 codes
- Finish.....** Architectural plated finishes
- Electronic Functions.....** (ELR) Electrical Latch Retraction and RX & LX Signal Switch available
- 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**

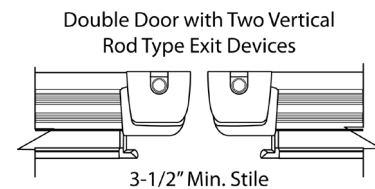


(FOR FIRE RATED RIM & VERTICAL ROD EXIT DEVICES ONLY)

DIMENSIONS

Touch bar height to finished floor	41" (1041 mm) at center
Touch bar projection	
Neutral	3 5/8" (92 mm)
Depressed	2 7/8" (73 mm)
Center case	8 1/16" x 2 3/4" x 2 1/2" (205 mm x 68 mm x 62 mm)
Panic grade top & bottom latch case	3 15/16" x 2 1/8" x 1 3/8" (100 mm x 52 mm x 42 mm)
Fire grade top latch case	3 15/16" x 2 9/16" x 2 1/16" (100 mm x 68 mm x 53 mm)
Fire grade bottom latch case	3 15/16" x 2 1/8" x 1 3/8" (100 mm x 52 mm x 42 mm)
Top and bottom rod length for 36" x 84" doors	Top rod 37 1/2" (955 mm), bottom rod 35 5/8" (905 mm)
Top and bottom rod length for 48" x 96" doors	Top rod 49 5/8" (1260 mm), bottom rod 35 5/8" (905 mm)
Vertical Rods	1/2" (13 mm) Round tubing

MINIMUM STILE REQUIREMENTS



MODEL	ACTUAL SIZE	MAXIMUM CUT DOWN	DOOR SIZE
A7760V3684, AF7760V3684, A7790V3696, AF7790V3696, A7750V36120, AF7750V36120	32"	6"	30" to 36" door width
A7780V4896, AF7780V4896, A7740V48120, AF7740V48120	44"	10"	38" to 48" door width