



# 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



### 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

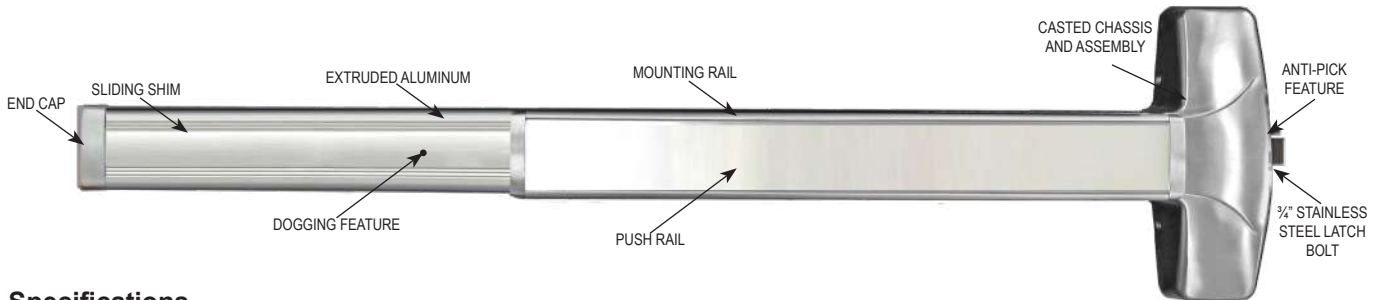
- ◆ UL Listed for Panic and ULC10C, UBC 7-2-1997 codes
- ◆ UL Listed for Fire Exit Hardware. 3 hours
- ◆ (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions
- ◆ Uncompromising security and safety in single and double fire exit doors
- ◆ Chassis mounted unit construction. 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

# A7700 & AF7700 ADA Series

## GRADE 1, Rim Type Exit Device



### Specifications

<b>For Doors.....</b>	1 3/4" thick standard optional 2 1/4" thick. 4 1/2" minimum stile width for single or double door application using standard 938 strike and pull lever, thumbpiece and escutcheon trims. 2 3/4" backset
<b>Chassis.....</b>	Non-ferrous Alloy (Panic Grade), Steel (Fire Grade)
<b>Cover.....</b>	Non-ferrous plated material. Covers stock hollow metal doors with 161 cut out
<b>Mounting.....</b>	Furnished with wood and machine screws. Available thru-bolts on request. <b>Thru-bolts are included and standard packaging on fire rated devices</b>
<b>End Cap.....</b>	Brass, Bronze or Stainless Steel construction
<b>Alarm.....</b>	Available. Prefix "NALRM" before MODEL #
<b>Hand.....</b>	Non-handed, center hub for 2 3/4" backset
<b>Latch Bolt.....</b>	Stainless Steel 3/4" throw with anti-pick feature
<b>Spring.....</b>	Stainless Steel throughout
<b>ANSI Standard.....</b>	A156.3, Grade 1
<b>Rail Assembly.....</b>	Heavy gauge extruded aluminum body with Stainless Steel push pad
<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>	A7700 Series for panic. AF7700 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
<b>Finish.....</b>	Architectural plated finishes
<b>Electronic Functions.....</b>	(ELR) Electrical Latch Retraction and RX & LX Signal Switch available
<b>Anti-Microbial Coating.....</b>	Available on US32D only. Use part # ANTB-EXIT

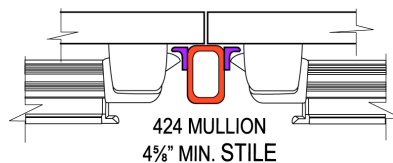
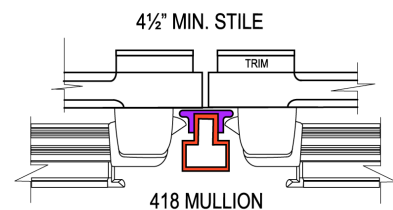


**\*Americans with Disability Act (ADA) compliant  
5 lbs opening force on ADA Series only**

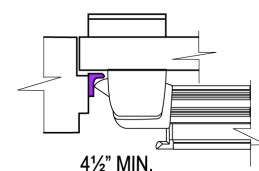
**\*Refer to the Price List for Stock Sizes and Finishes**

### 4 1/2" Minimum Stile Requirements

#### DOUBLE DOOR



#### SINGLE DOOR



### DIMENSIONS

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

#### Touchbar 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 70 mm x 63 mm)

MODEL	ACTUAL LENGTH	MAX CUT DOWN	DOOR SIZE
A7700EO36, AF7700EO36	32"	6"	30" to 36" door width
A7720EO48, AF7720EO48	44"	10"	38" to 48" door width