



CAL-ROYAL

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



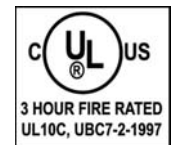
A2200 & AF2200 Rim Type Panic And Fire Exit Devices A2260 & AF2260 Vertical Rod Panic And Fire Exit Devices ANSI A156.3, Grade 1 ADA SERIES



Lifetime
Warranty

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

MEETS
The Buy American Act



Features & Construction

- ◆ **Retrofits Sargent 12-2828 & 12-2838 Series**
- ◆ Americans with Disability Act (ADA) compliant. 5 lbs opening force
- ◆ ANSI A156.3, Grade 1 heavy duty exit device in surface vertical rod and rim designs
- ◆ UL Listed for Panic and UL10C, UBC 7-2-1997 codes
- ◆ UL Listed for Fire Exit Hardware. 3 Hours
- ◆ Conforms & Meets ADA Regulations
- ◆ (A) label rating in pairs of doors up to 8'0"x8'0" swinging in same or opposite directions
- ◆ Uncompromising security and safety in single and double fire exit doors
- ◆ Chassis mounted unit construction
- ◆ 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 cutout

Suggested Architect's Specifications

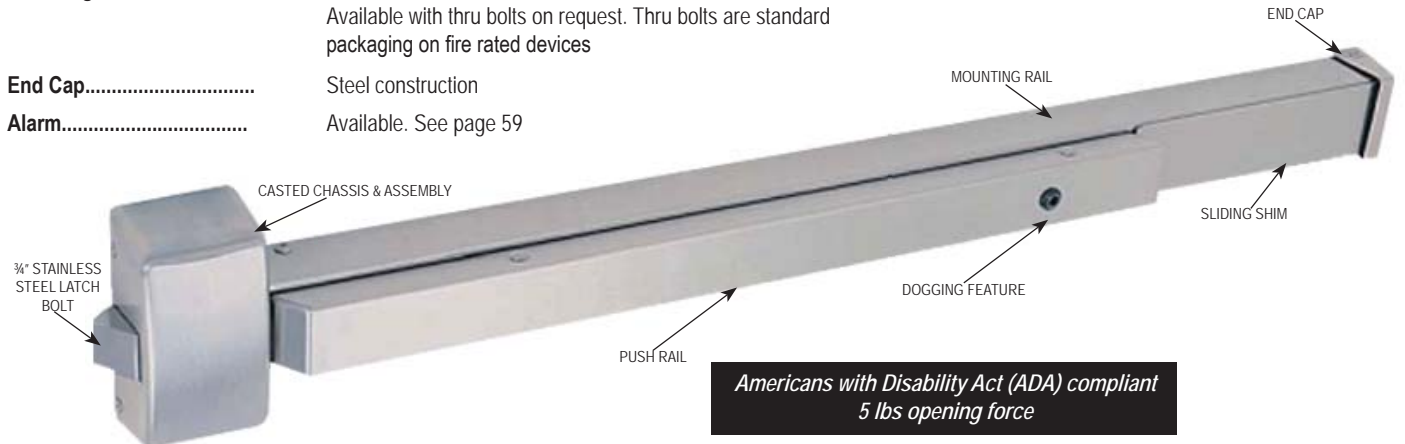
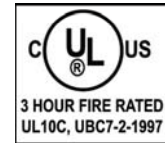
- ◆ All exit devices shall be of touch bar design with smooth operation and be operative over 2/3 of the door's clear opening width
- ◆ All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriters' Laboratories, Inc. Where labeled doors are used as exits, they 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
- ◆ All exit devices shall have a minimum opening force of 5 lbs to comply to ADA standards

A2200 & AF2200 ADA Series GRADE 1, Rim Type Exit Device



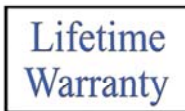
Specifications

- For Doors.....** 1 3/4" thick standard optional 2 1/4" thick. 4 1/2" minimum stile width required for single or double door application using standard 239 strike and pull or lever trims
- Chassis.....** Non-ferrous alloy (Panic Grade), steel (Fire Grade)
- Cover.....** Non-ferrous alloy. Covers stock hollow metal doors with 161 cutout
- Mounting.....** Furnished standard with wood and machine screws. Available with thru bolts on request. Thru bolts are standard packaging on fire rated devices
- End Cap.....** Steel construction
- Alarm.....** Available. See page 59

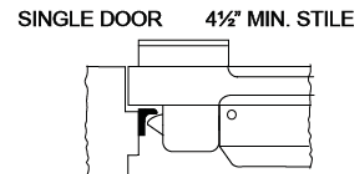
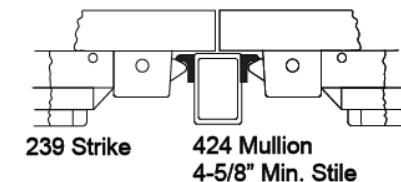
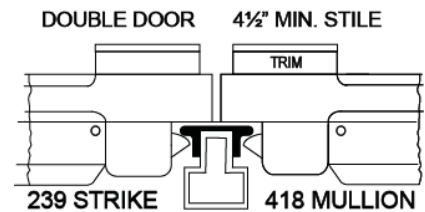


*Americans with Disability Act (ADA) compliant
5 lbs opening force*

- Hand.....** Non-handed, center hub. 2 3/4" backset
- Latch Bolt.....** Stainless steel 3/4" throw
- Spring.....** Stainless steel throughout
- ANSI Standard.....** A156.3, Grade 1
- Rail Assembly.....** Heavy gauge steel, painted
- Strike.....** 239 packed standard (See strike page)
- Dogging Feature.....** Allen-type key furnished standard on non-fire labeled devices. Cylinder dogging available
- Mullion.....** Available
- UL and ULC Listed.....** A2200 Series for panic. AF2200 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.....** Aluminum (Alum), Dark Bronze Duranodic (Duro), Gold
- Electronic Functions.....** (ELR) Electronic Latch Retraction and RX & LX Signal Switch available



Minimum Stile Requirements
4" escutcheon trims & 4 1/2" for
Thumbpiece and rose trims



Refer to the Price List for Stock Sizes and Finishes

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
A2200EO24 and AF2200EO24	20"	2"	22" to 24" door width
A2200EO32 and AF2200EO32	28"	6"	26" to 32" door width
A2200EO36 and AF2200EO36	32"	6"	30" to 36" door width
A2200EO48 and AF2200EO48	44"	12"	36" to 48" door width



A2260V & AF2260V ADA Series GRADE 1, Vertical Rod Type Exit Device

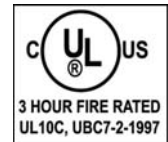


Specifications

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 trims available. 2 3/4" backset
Chassis.....	Non-ferrous alloy (Panic Grade), steel (Fire Grade)
Cover.....	Non-ferrous plated material. Covers stock hollow metal doors with 161 cutout
Mounting.....	Furnished standard with wood and machine screws. Thru bolts are standard packaging on fire rated devices
End Cap.....	Steel construction
Alarm.....	Available. Prefix NALRM before PART#
Hand.....	Handed. Easily field reversible. Specify at time of order LHR, RHR for convenience
Latch Bolt & Spring.....	Stainless steel
ANSI Standard.....	A156.3, Grade 1
Rail Assembly.....	Heavy gauge steel, painted
Strike.....	See strike page
Dogging Feature.....	Allen-type key furnished standard on non-fire labeled devices
UL and ULC Listed.....	A2260 Series for panic. AF2260 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

Americans with Disability Act (ADA) compliant 5 lbs opening force

Finish.....	Aluminum (Alum), Dark Bronze Duranodic (Duro), Gold
Electronic Functions.....	(ELR) Electrical Latch Retraction and RX & LX Signal Switch available



Refer to the Price List for Stock Sizes and Finishes

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	3 15/16" x 2 1/8" x 1 3/8" (100mm x 54mm x 35mm)
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 42mm)
Top and bottom rod length for 36" x 84" doors	Top rod 39 3/16" (995mm), bottom rod 37 3/16" (945mm)
Top and bottom rod length for 48" x 96" doors	Top rod 51 3/16" (1300mm), bottom rod 37 3/16" (945mm)
Vertical Rods	1/2" (13mm) Round tubing

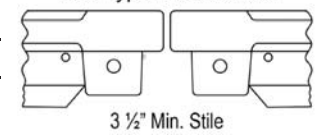


MEETS
The Buy American Act

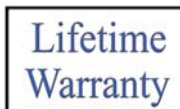
MODEL	ACTUAL LENGTH	MAXIMUM CUT DOWN	DOOR SIZE
A2260V3684, AF2260V3684, A2290V3696 and AF2290V3696	32"	6"	30" to 36" door width
A2280V4896 and AF2280V4896	44"	12"	36" to 48" door width

Minimum Stile Requirements

Double Door with Two Vertical Rod Type Exit Devices



ALBR2260 & AFLBR2260 ADA Series GRADE 1, Vertical Rod Exit Device Less Bottom Rod

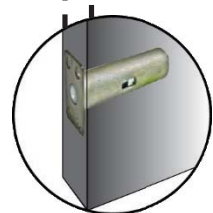
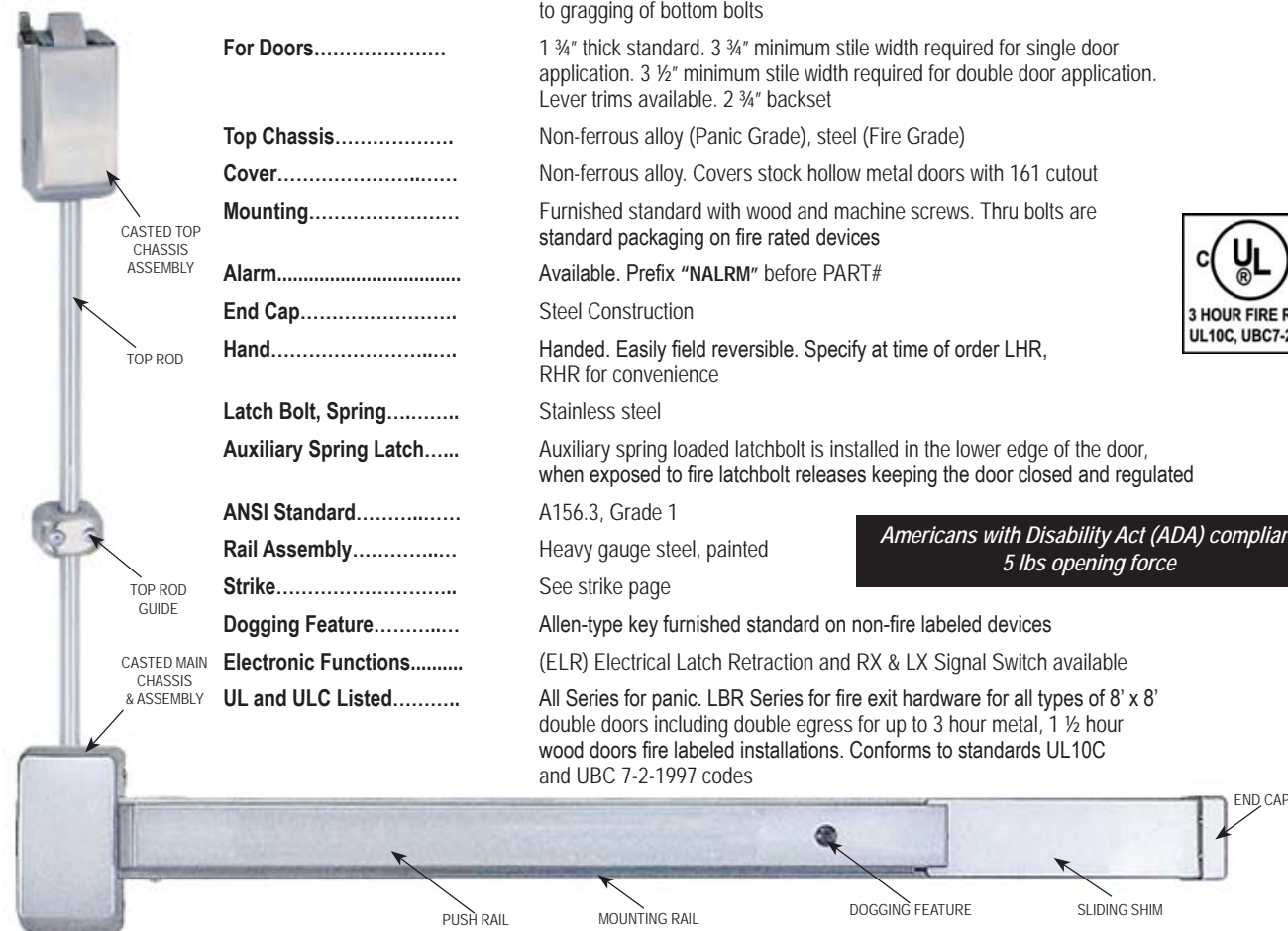


Specifications

<p>LBR.....</p> <p>For Doors.....</p> <p>Top Chassis.....</p> <p>Cover.....</p> <p>Mounting.....</p> <p>Alarm.....</p> <p>End Cap.....</p> <p>Hand.....</p> <p>Latch Bolt, Spring.....</p> <p>Auxiliary Spring Latch.....</p> <p>ANSI Standard.....</p> <p>Rail Assembly.....</p> <p>Strike.....</p> <p>Dogging Feature.....</p> <p>Electronic Functions.....</p> <p>UL and ULC Listed.....</p>	<p>No Bottom Strike. Free access for wheel chairs, stretcher and carts therefore eliminates tripping potential and disfiguration of floors due to gragging of bottom bolts</p> <p>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 trims available. 2 3/4" backset</p> <p>Non-ferrous alloy (Panic Grade), steel (Fire Grade)</p> <p>Non-ferrous alloy. Covers stock hollow metal doors with 161 cutout</p> <p>Furnished standard with wood and machine screws. Thru bolts are standard packaging on fire rated devices</p> <p>Available. Prefix "NALRM" before PART#</p> <p>Steel Construction</p> <p>Handed. Easily field reversible. Specify at time of order LHR, RHR for convenience</p> <p>Stainless steel</p> <p>Auxiliary spring loaded latchbolt is installed in the lower edge of the door, when exposed to fire latchbolt releases keeping the door closed and regulated</p> <p>A156.3, Grade 1</p> <p>Heavy gauge steel, painted</p> <p>See strike page</p> <p>Allen-type key furnished standard on non-fire labeled devices</p> <p>(ELR) Electrical Latch Retraction and RX & LX Signal Switch available</p> <p>All Series for panic. LBR Series for fire exit hardware for all types of 8' x 8' double doors including double egress for up to 3 hour metal, 1 1/2 hour wood doors fire labeled installations. Conforms to standards UL10C and UBC 7-2-1997 codes</p>
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*Americans with Disability Act (ADA) compliant
5 lbs opening force*



Auxiliary Fire Latch Assembly

Refer to the Price List for Stock Sizes and finishes

DIMENSIONS

Touchbar height to finished floor	41" (1041mm) at center
Touchbar projection	
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Depressed	1 3/4" (45mm)
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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 42mm)
Top and bottom rod length for 36" x 84" doors	Top rod 39 3/16" (995mm)
Top and bottom rod length for 48" x 96" doors	Top rod 51 3/16" (1300mm)
Vertical Rods	1/2" (13mm) Round tubing

MODEL	ACTUAL LENGTH	MAX CUT DOWN	DOOR SIZE
ALBR2260V3684, AFLBR2260V3684, ALBR2290V3696 and AFLBR2290V3696	32"	6"	30" to 36" door width
ALBR2280V4896 and AFLBR2280V4896	44"	12"	36" to 48" door width