

A9800 & AF9800 Rim Type Panic and Fire Exit Devices (ADA) A9860V & AF9860V Vertical Rod Panic and Fire Exit Devices (ADA) ANSI A156.3, Grade 1



Features & Construction

- ◆ **Retrofits Sargent 8800 Series using 9800 Escutcheon Trim**
- ◆ Americans with Disability Act (ADA) compliant. 5lbs opening force on ADA product only
- ◆ ANSI A156.3, Grade 1 heavy duty exit device in surface vertical rod and rim designs
- ◆ Rail assemblies and end caps are brass, bronze or stainless steel and rail travels in direction of the door swing
- ◆ Trims are thru-bolted for additional security
- ◆ Conforms & meets ADA Regulations (ADA products only)
- ◆ UL Listed for Panic and UL10C, 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.
- ◆ For use in institutions, schools, universities, commercial buildings where heavy duty reliable operation is a requirement

Suggested Architect's Specifications

- ◆ All exit devices shall be of touch bar design with smooth operation and be operative over $\frac{2}{3}$ of the door's clear opening width
- ◆ All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriter' 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, ADA option

A9860V & AF9860V ADA Series

GRADE 1, Vertical Rod Type Exit Device



LIFETIME WARRANTY	BHMA CERTIFIED Be Safe. Be Secure. Look for the Mark.	MEETS <i>The Buy American Act</i>	ADA COMPLIANT	3 HOUR FIRE RATED UL10C, UBC7-2-1997
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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, thumbpiece and escutcheon trims available. 2 3/4" backset
Top & Bottom Chassis.....	Non-ferrous Alloy (Panic Grade), Steel (Fire Grade)
Cover.....	Brass, Bronze or Stainless Steel. Covers stock hollow metal doors with 161 cutout.
Mounting.....	Furnished with wood and machine screws. Thru-bolts are standard packaging on fire rated devices
Alarm.....	Available. Prefix "NALRM" before MODEL #
End Cap.....	Brass, Bronze or Stainless Steel Construction
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 brass, bronze or stainless steel
Strike.....	See strike page

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

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

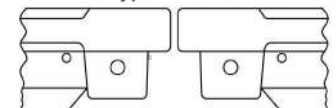
Dogging Feature.....	Allen-type key furnished standard on non-fire labeled devices. Cylinder dogging available
Electronic Functions.....	(ELR) Electrical Latch Retraction and RX & LX Signal Switch available
UL and ULC Listed.....	A9860V Series for panic. AF9860V Series for fire exit hardware for all 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.
Anti-Microbial Coating.....	Available on US32D only. Use part # ANTB-EXIT

DIMENSIONS

Touchbar height to finish floor	41" (1041 mm) at center
Touchbar Projection	
Neutral	2 1/2" (64 mm)
Depressed	1 3/4" (45 mm)
Panic grade top & bottom latch case	3 15/16" x 2 1/8" x 1 3/8" (100 mm x 54 mm x 35 mm)
Fire grade top latch case	3 15/16" x 2 11/16" x 2 1/16" (100 mm x 68 mm x 52 mm)
Fire grade bottom latch case	3 15/16" x 2 1/8" x 1 3/8" (100 mm x 54 mm x 35 mm)
Top and bottom rod length for 36" x 84"	Top rod 37 1/2" (953 mm), bottom rod 35 5/8" (905 mm)
Top and bottom rod length for 48" x 96"	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

Double Door with Two Vertical Rod Type Exit Devices



3 1/2" Min. Stile

MODEL	ACTUAL SIZE	MAX CUT DOWN	DOOR SIZE
A9810V2484, AF9810V2484	20"	2"	22" to 24" door width
A9860V3684, AF9860V3684, A9890V3696, AF9890V3696, A9850V36120, AF9850V36120, A9870V3284, AF9870V3284	32"	6"	30" to 36" door width
A9880V4896, AF9880V4896, A9840V48120, AF9840V48120	44"	12"	36" to 48" door width