

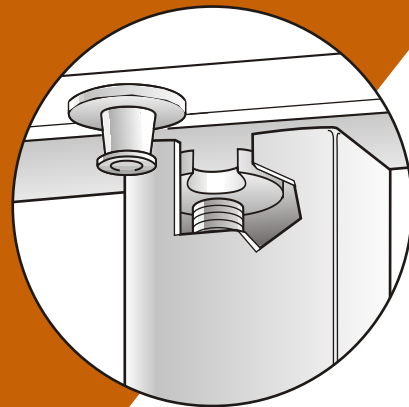
BHMA TYPE 5

Narrow Stile Surface Vertical Rod Exit Device

For Aluminum Doors

8200 Series


LIFE-SAFETY



Features:

- ▼ Patented top latching mechanism interlocks door to frame
- ▼ Adjustable steel rods protected in contoured covers
- ▼ Pushbar clad or anodized, not plated, in a variety of finishes
- ▼ Easy to install
- ▼ Clean, unobtrusive design
- ▼ Strong, durable construction for a high level of security

CERTIFICATIONS:

 and Warnock/Hersey Life-Safety Listing
ANSI/BHMA A156.3 Grade 1
California State Fire Marshall
New York City MEA*

*Consult factory for specific number



ADAMS RITE
MANUFACTURING CO.

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Pomona, California 91767
(800) 872-3267 Fax: (800) 232-7329
www.adamsrite.com

Trim & Function

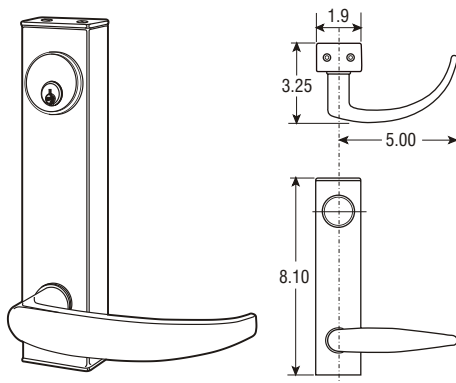
Narrow Stile Surface Vertical Rod Exit Device

ANSI/BHMA Functions:

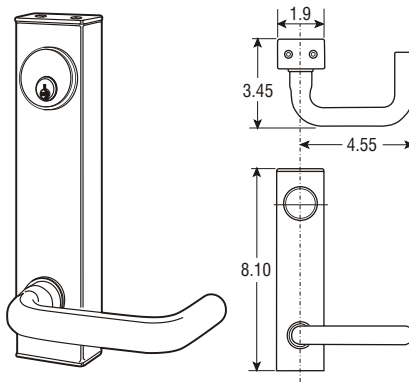
01	02	03	08	09	11	12	14
EXIT ONLY- NO TRIM	PULL ONLY WHEN DOGGED FIXED PULLS BY OTHERS	KEY RETRACTS LATCHBOLT NL FIXED PULLS BY OTHERS	KEY LOCKS LEVER 	KEY LOCKS LEVER 	KEY LOCKS THUMBTURN 	KEY LOCKS THUMBTURN 	PASSAGE SET
CYLINDER TYPE							
N/A	N/A	RIM	MORTISE 	MORTISE 	MORTISE 	MORTISE 	N/A

NL – Night Latch

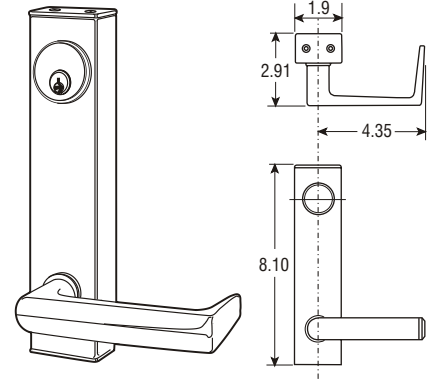
Clutch Lever Entry Trim



Modern Model 3081

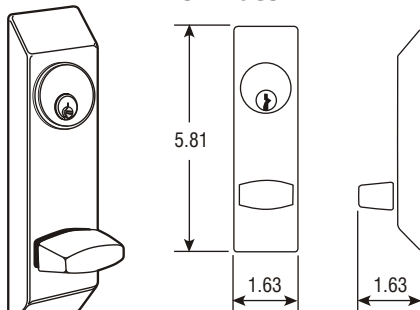


Tubular Model 3082



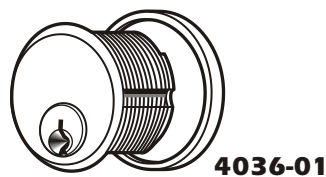
Traditional Model 3083

Thumbturn



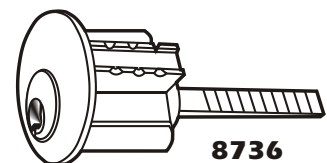
Model 8066

Mortise Cylinder



Standard diameter five-pin unit with MS® cam, suitable for use with Entry Trim. All brass construction with front "scalp" available in finishes 628, 313 and 335. Available in quantity all keyed different (KD), in pairs (KA2) or fifty alike (KA50). Any other make standard Mortise cylinder with MS® cam can be used to "key in" with existing systems.

Rim Cylinder



Standard five-pin unit with spindle to suit Surface Vertical Rod exit devices. All brass with same choices of keying as Mortise cylinder. Available in finishes 628, 313 or 335. Any other make standard Rim cylinder can be used to key in with existing systems. Note that if entry trim is specified for cylinder use, the cylinder must be Mortise type, regardless of exit device.

Options & Accessories

Narrow Stile Surface Vertical Rod Exit Device

Order by adding suffix to Exit Device in place of hyphen or by separate model number.

MONITOR/SIGNAL SWITCH



**For all
Adams Rite
Exit Devices**

**M1 - Single Switch
M2 - Dual Switch**

A switch in the exit device pushbar mounted on the hinge end. Switch can be used to activate signal light, horn, monitor or other devices. Most common application is to release maglock when pushbar is depressed. Switch can be wired for normally open or normally closed depending upon application. Can be retrofit in field to existing exit device. Dual switch version offers redundancy as required by some building codes or the option of operating a second signaling device.

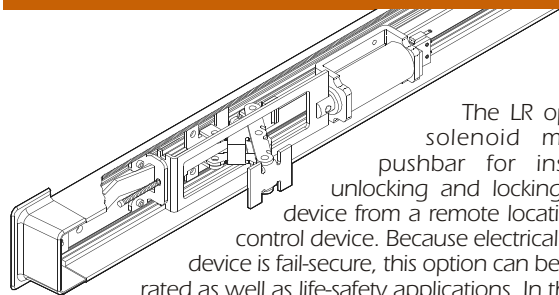
Specify by adding "M1" or "M2" after exit device model number.

Monitor Kits for upgrading any 3000 or 8000 Series device:

91-0897-01 - Single Switch

91-0897-02 - Dual Switch

ELECTRIC LATCH RETRACTION



The LR option uses a solenoid mounted in pushbar for instantaneous unlocking and locking of the exit device from a remote location or access control device. Because electrical operation of device is fail-secure, this option can be used on fire-rated as well as life-safety applications. In the event of a power failure device automatically relatches. Requires the use of PS-LR Power Supply, which will power two exit devices. (Using an alternate to the PS-LR Power Supply will void warranty).

Specify by adding "LR" after exit device model number. Order PS-LR Power Supply separately. Order Battery Backup Kit separately (BBK-LR).

Solenoid Specifications:

16 Amps Inrush/ 5 Amps Hold

Solenoids are rated for both intermittent and continuous operation.

Also see 4612 Power Transfer.

MONITORED DUMMY PUSHBAR

**8099M1 - Single Switch
8099M2 - Dual Switch
8099-00 - Dummy Only**



Dummy pushbar with no latch mechanism but with either a single or dual monitor/signal switch. Most common application is in conjunction with a maglock where bar is used to turn off magnet and allow exit from building. Dual switch version allows redundancy where required by code or the operation of a signal device along with maglock. Specify door type and width when ordering. Available in all exit device finishes.

The 8099-00 is also available as a non-operating dummy for doors not requiring an exit device, but where matching trim is desired. Specify door type, opening width and finish to be matched.

ALARMED EXIT DEVICE



**For all
Adams Rite
Exit Devices**

This option emits a loud alarm to notify management of unauthorized exit. Will not alter the Life-Safety characteristics of the exit device in any way. Control of the alarm is by use of a key in any standard Mortise cylinder with MS® cam to arm, disarm, delay or reset the alarm. Red letters on the bar give a "hands off" warning to deter accidental actuation.

Battery Operated Alarm

Four AA alkaline batteries power a horn to create a piercing 95 decibel noise for two minutes (or until disarmed) when pushbar is depressed. Beeps to signal need for new batteries.

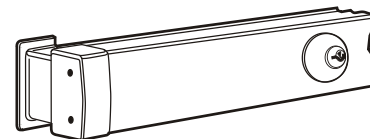
Hardwired Alarm

Can be connected to external horn for louder or remote signal. Remote monitor LED light can also be wired in, as can a door position proximity switch. Also accommodates an external delay switch, such as an outside key switch or pad, to allow authorized entry. Uses rechargeable nicad batteries connected to 12-24 Volt AC or DC source. Each bar has its own battery backup system.

Minimum opening width: 36"

CYLINDER DOGGING

**For all non-fire rated
Adams Rite Exit Devices**

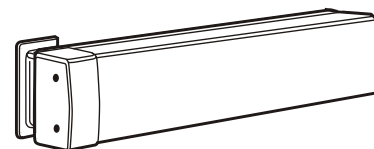


For management control of dogging. Any standard 15/16" to 1-1/8" long Mortise cylinder with MS® cam can be used in a pushbar prepared at factory with Cylinder Dogging kit. Cannot be used with Alarm, EL or LR options.

Specify by adding "C" after exit device model number.

ELECTRIC DOGGING

**For all Adams Rite
Exit Devices**



The "ED" option uses a holding magnet to keep the pushbar depressed (set manually) and the latch retracted. This gives a lower profile exit device, resulting in less damage and quieter operation. All "ED" devices include an internal microswitch that signals when the bar is held in the depressed position, ideal for automatic door operators. On fire-rated devices, it must be wired through the fire alarm system. All devices operate at 24VDC, drawing .6 amp, allowing them to operate with a simple transformer and rectifier.

Note: Not to be used as access control element. Specify "LR" with access control devices such as card reader or keypads.

Specify by adding "ED" after exit device model number (ex. 8611ED36).



Features & Dimensions

Narrow Stile Surface Vertical Rod Exit Device

ANSI/BHMA

Grade 1

Handing

Device is non-handed. Lever Entry Trim is field reversible.

Pushbar Length

Standard Sizes: Dimensioned for 30", 36", 42" & 48" openings. Standard width bars can be field cut to the next smallest opening width.

Bar Height

Standard model adjusts from 30" to 44".

Door Height

Standard model fits up to 8ft. door, with bar height at 40" - 44". For doors up to 10ft., use Tall Door Kit 8055.

Door Thickness

Suits 1-3/4" standard, up to 2-1/4".

Stile Width

Minimum 2" Stile. Fits Narrow, Medium and Wide Stile aluminum doors.

Projection

2-15/16" when fully projected,
1-15/16" when dogged.

Dogging

Standard dogging with hex key or cylinder dogging option. Electric dogging also available.

Materials

Pushbar made of extruded aluminum, clad or anodized in a variety of finishes

Fasteners

Standard self-tapping screws.

Strike

Made of hardened steel. Supplied with exit device.

Cylinders (order separately)

Cylinder x Fixed Pull:

(Function 03)

Accepts any standard Rim cylinder.

Entry Lever or Thumbturn:

(Functions 08, 09, 11, 12)

Accepts any standard diameter

Mortise cylinder with MS® cam.

Accommodates cylinder lengths from 1" to 1-1/4".

Warranty

Five year limited.

AVAILABLE FINISHES

313 Dark Bronze Anod.

335 Black Anodized

628 Clear Anodized

US3 Bright Brass

US4 Satin Brass

US9 Bright Bronze

US10 Satin Bronze

10B Dark Bronze
(Trim only)

US32 Bright Stainless

US32D Satin Stainless

*Consult factory for
special finishes.*



Bolts and Strikes

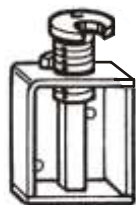


Top
Strike

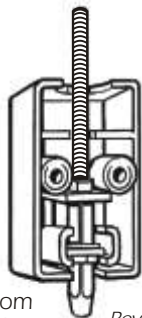
The patented top latching mechanism utilizes a rotating Top Bolt which deadlatches around the Header Strike, interlocking the door to the frame.

Supplied with Standard Header Strike.

The hexagonal, hardened steel Bottom Bolt is shielded in a cast housing for strength and stability.



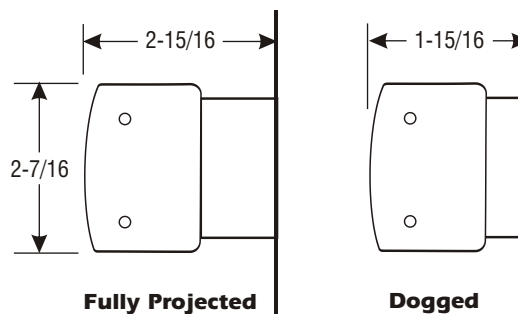
Top
Bolt



Bottom
Bolt

Reverse view

Pushbar Dimensions

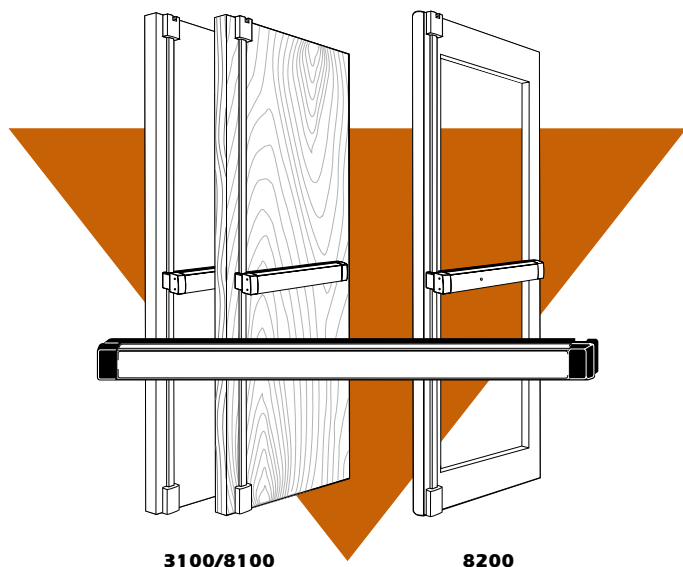




Exit Devices Ordering Matrix

SVR

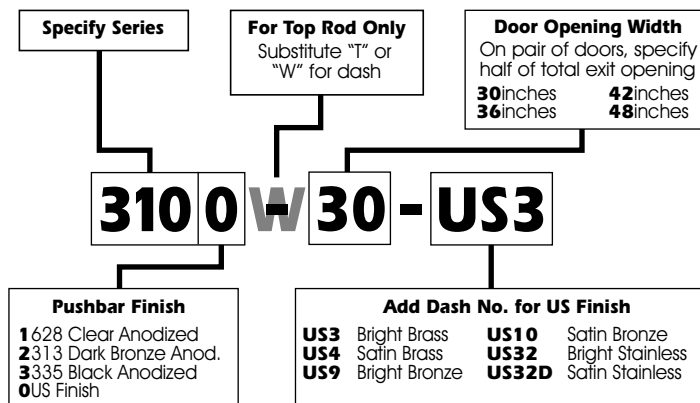
Surface Vertical Rod



- 3100 Series - Fire Rated for Steel/Wood Doors**
- 3100T Top Rod Only - Steel Doors**
- 3100W Top Rod Only - Wood Doors**
- 8100 Series - Life-Safety for Steel/Wood Doors**
- 8100T Top Rod Only**
- 8200 Series - Life-Safety for Aluminum/Glass Doors**
- 8200T Top Rod Only**

HOW TO ORDER SVR EXIT DEVICE

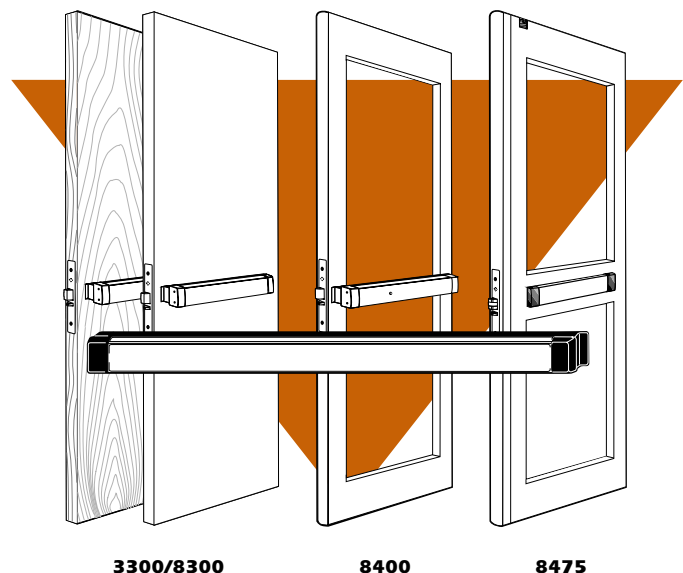
If required, specify cylinder and other trim separately



For doors up to 10 feet tall specify: 8055(8100,8200), 3055(3100).

Refer to separate catalog page for more information.

MORTISE



- 3300 Series - Fire Rated for Steel/Wood Doors**
- 8300 Series - Life-Safety for Steel/Wood Doors**
- 8400 Series - Life Safety for Aluminum/Glass Doors**
- 8475 Mid-Panel For Aluminum/Glass Doors**

HOW TO ORDER MORTISE EXIT DEVICES

Backset for 3300/8300 is 2-3/4" 8400 is variable.
Refer to separate catalog page for more information.

8400/8475 1-1/8" - 1-1/2" backsets include faceplates to cover flat, bevel and radius applications. Order Radius with weatherstrip separately, Part No. 24-0137-03-XXX.

If required, specify cylinder and other trim separately

