

# EX89

## Pullman Rim Exit Device

The EX89 Pullman Rim Exit Device is designed for narrow stile aluminum applications that require a life-safety exit device. The EX89 features a 3/4" Pullman latch bolt that is compatible with the Adams Rite 74R1 Electric Strike for narrow stile aluminum applications.

### Function

When the door closes, the Pullman latch bolt nests inside the strike assembly and the smaller deadlatch rests on the strike assembly activating the deadlatching feature. When the active pushbar is depressed, both the Pullman latch bolt and the smaller deadlatch are retracted, allowing the door to open.

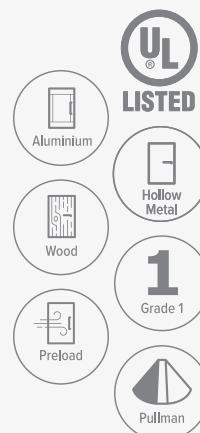
Exit device capable of opening under 20 lbs preload.

Designed for use on single doors, or with mullion on pairs of doors. Suitable for low, medium and high traffic areas on aluminum, hollow metal and wood applications.

### Certifications

UL 305 Panic Hardware

ANSI/BHMA A156.3-2014 Grade 1



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### Device Length

EXIT DEVICE LENGTH	STANDARD DOOR OPENING WIDTH	ACTIVE PUSHBAR LENGTH (AS MEASURED WITH END CAPS)	BACK BAR LENGTH
Regular (R)	30" – 36" [762 mm – 914.4 mm]	24" [609.6 mm]	32-1/8" [816 mm]
Mid-length (M)	30" – 42" [762 mm – 1,066.8 mm]	24" [609.6 mm]	38-1/8" [968.4 mm]
Long (L)	42" – 48" [1,066.8 mm – 1,219.2 mm]	30" [762 mm]	44-1/8" [1120.8 mm]

- Device may be field cut to fit opening width between standard lengths by cutting the back bar and filler plate.

### End Caps

Mounting end cap with 1/4" overlap for cut coverage.

### Universal Hardware Kit

Hardware kit suitable for aluminum, hollow metal, and wood door applications.

### Strike

- Horizontally adjustable strike assembly body made of cast aluminum with hardened steel roller. Standard strike assembly suitable for centering doors in 4" jamb. Strike plate adjusts 1/4" horizontally.
- Optional wider strike assembly available to cover prep of existing Adams Rite 8800 Rim Exit Device strike plate, available separately.

### Cylinders

Select standard 1-5/32" [29.4 mm] diameter rim cylinder such as the 8736 Rim Cylinder. Available separately. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers. See CYLINDERS section for cylinder information.

### Trim

Compatible with Adams Rite 3080 Series Entry Trim and 3090 Series Entry Trim. See TRIM section for cylinder information.

### Noise Reduction

- Impact bumpers to reduce noise from the initial device activation
- Return control to dampen the sound and control the device returning to its resting state
- Horizontal and vertical guides decrease the scraping sound of the active push bar on the static back bar

### Standard Package

Individually boxed.

### Shipping weight

10 lbs [4.54 kg]

## Options

- Pushbar and backbar available in choice of 313 Dark bronze anodized, 335 Black anodized, 628 Clear anodized. Metallic end caps finished to match exit device.

- **Monitor\***: Dual signal switch

\* Options are field installable or factory installed

For more detailed information on any of the options listed above please see the EX Series Options on page 109 of this catalog.

## Features

### Materials

Active pushbar and back bar made of extruded aluminum. Matching metal angled end caps.

### Handing

Device is non-handed.

### Door Thickness

- Suitable for use with all door thickness.
- May be used with trim on 1-3/4" thick doors, up to 2-1/4" door thickness.
- When cylinders are required, select rim cylinder length based upon door thickness.

### Stile Width

Minimum 2" stile. Fits ultra-narrow, narrow, medium and wide stile aluminum doors.

### Projection

2-1/2" when fully projected, 1-3/4" when dogged.

### Dogging

Standard dogging with 3/16" hex key.

### Fasteners

Device mounted using standard type 'F' self-tapping screws. Hardware is not visible from back when installed. Adhesive templates for mounting included.

## How to Order, Related & Compatible Products

**EX89 Pullman Rim Exit Device:** Specify quantity and the following information. Order related products separately.

MODEL	LENGTH	FINISHES	DEVICE OPTIONS
EX89	R	628	A
	R Regular (36")	313 Dark Bronze Anodized	(blank) Standard, no options
	M Mid-length (42")	335 Black Anodized	M Monitoring
	L Long (48")	628 Clear Anodized	

### COMPATIBLE

ELECTRIC STRIKES
74R1 Electric Strike
HES 9600 Electric Strike

**RELATED** When purchasing this product, please consider the following related products, available separately:

ACCESSORIES	CYLINDER	ELECTRIC STRIKES	TRIM	POWER
EX-Mtg Cap Kit, EX-Push Bar Endcap Kit, EX-Filler Plate, EX-Monitor, EX-Backbar 628, EX-Pushbar 628, EX-Hex Dog EX89-Mullion EX89-Retrofit Strike Kit	Operable by either 4036 Mortise Cylinder or 8736 Rim Cylinder depending upon the ANSI/BHMA functions of the exit device.	74R1 Electric Strike	3080, 3080E Series Entry Trim, 3090, 3090P, 3090C, A100 Series Keyless Entry	PS-1 Power Supply, 4612 Power Transfer Device, 4605 Transformer, 4603 Rectifier