



# Introduction

## ED8000

### Applications

Heavy-duty steel construction and Grade 1 performance, priced for outstanding value.

Meets rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. Designed for high-use, high-abuse situations, ED8000 Pushpad Exit Devices can be teamed with a variety of Corbin Russwin trims to provide desired functions, styles and finishes in new construction and renovations, including these settings:

- School and University
- Health Care
- Government and Public
- Commercial and Industrial
- Office and Retail
- Transportation and Utilities
- Hotels and Conference Centers
- Religious

### Advantages

- Meets ANSI Grade 1 requirements
- Easy-to-use pushpad for quick egress and ADA compliance
- Heavy-duty steel construction
- 3/4" latchbolt standard on rim device
- Low profile and projection for barrier-free code compliance
- No projecting parts to inhibit egress
- Devices accommodate various trim functions for flexibility
- Wide range of trim styles and finishes to match other Corbin Russwin products
- One-point dogging standard on panic-listed devices
- Devices available to satisfy C-UL US safety and fire requirements

## Table of Contents

Introduction.....	2
Applications and Listings.....	3
Rim Exit Features.....	4
Surface Vertical Rod Exit Features .....	6
Rim/Vertical Rod Trims and Functions .....	8
Options & Accessories.....	11
Cylinders.....	12
Mullions.....	13
Electrified Options.....	14
How to Order .....	15
Quick Codes .....	16
Helpful Terms .....	18
How to Specify .....	19

# Vertical Rod Features

## ED8000

### ED8400 Panic Listed Surface Vertical Rod Exit Device

### ED8400A 3-Hour Fire Listed Surface Vertical Rod Exit Device

#### Features

##### Handing

Handed; specify hand.

##### Bar Length

Easily field cut to size.

Standard: 36" bar fits 31" - 36"  
(787mm-914mm) door.

Optional: 30" bar fits 28" - 30"  
(711mm-762mm) door; specify W030.

Optional: 42" bar fits 37" - 42"  
(940mm-1067mm) door; specify W042.

Optional: 48" bar fits 43" - 48"  
(1092mm-1219mm) door; specify W048.

##### Door Thickness

1-3/4" (44mm) standard.

Optional: 2" (51mm); specify D200.

Optional: 2-1/4" (57mm); specify D214.

##### Backset

2-3/4" (70mm). Device and trim cover  
standard ANSI A115.2 (Type 161) cylindrical  
lock preparation.

##### Stile

Minimum width 5" (127mm).

##### Door Height

All top rods easily field cut to size.

Standard on ED8400 devices: top rod for  
7'6" door.

Optional on ED8400 devices: top rod for  
doors up to 10'; specify H1000.

Standard on ED8400A devices: top rod for  
8' door.

##### Projection

2-1/2" (64mm) low profile for barrier-free  
access.

##### Latchbolts

ED8400 devices:

Top: 1/2" interlocking drop latch.

Bottom: 5/8" pivoted.

ED8400A devices:

Top: 3/4" (19mm) steel pullman type with  
steel deadlocking latch. Bottom: 3/4"  
(19mm) deadbolt.

##### Vertical Rods

Inverted U-shaped rectangular.

##### Materials

Heavy-duty wrought steel chassis and  
pushpad; steel vertical rods; aluminum bar  
and latch covers; stainless steel springs;  
nylon bearings.

##### Dogging

Standard on ED8400 devices: single point  
1/4 turn dogging.

Optional: less dogging; specify M51.

Dogging not available on ED8400A devices.

##### Fasteners

Standard on ED8400 devices: machine  
screws and wood door fasteners.

Optional on ED8400 devices: sex nuts and  
bolts; specify M54.

Standard on ED8400A devices: sex nuts  
and bolts.

##### Strike

See Options and Accessories, page 11.

##### Functions and Trims

Thru-bolted lever, pull and knob trims  
available with wide range of functions; see  
Trims and Functions, pages 8-10.

##### Cylinders

Cylinder not included unless specified. See  
Quick Codes, page 16.

##### Applications and Listings

See page 3.

##### Shim Kit

Optional for mounting device over glass  
bead vision light; specify M58.

##### Warranty

One-year limited.

#### Certification/Compliance

##### ANSI

Meets A156.3, Type 2, Grade 1.

##### C-UL US

All devices listed for safety as panic  
hardware; devices comply with UL 305  
standards for panic hardware. UL symbol  
on rear cover label indicates listing. Three-  
hour fire-rated devices listed as fire exit  
hardware for A label and lesser class 8' x 8'  
double doors; UL symbol on rear cover label  
indicates listing.

Any retrofit or other field modification to  
a fire rated opening can potentially impact  
the fire rating of the opening, and Corbin  
Russwin, Inc. makes no representations or  
warranties concerning what such impact  
may be in any specific situation. When  
retrofitting any portion of an existing fire

rated opening, or specifying and installing  
a new fire-rated opening, please consult  
with a code specialist or local code official  
(Authority Having Jurisdiction) to ensure  
compliance with all applicable codes and  
ratings.

##### California State Reference Code

This product has been approved by the  
California State Fire Marshal (CSFM)  
pursuant to Section 13144.1 of the  
California Health and Safety Code.

##### NFPA

All exit devices comply with NFPA 101 Life  
Safety Code. All fire-rated devices comply  
with NFPA 80 Fire Doors and Windows.

##### ADA


Lever trims and pulls comply with Americans  
with Disabilities Act.

#### Finishes

Painted finishes available on devices and some trims.

BHMA 689	Silver Aluminum Painted
BHMA 690	Dark Bronze Painted
BHMA 691	Light Bronze Painted

Plated finishes available on trims only.

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Oxidized Bronze, oil rubbed, available lacquered
BHMA 618	Bright Nickel Plated
BHMA 619	Satin Nickel Plated
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
626C *	Satin Chromium Plated with MicroShield® 
BHMA 722	Black oxidized bronze, oil rubbed

\*G10, A6, N6 & PR6 trims are available with MicroShield®.

# Vertical Rod Features

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## ED8400 Surface Vertical Rod Exit Device

