

Narrow Concealed Vertical Rod Exit Devices (CVR)

The Lawrence Hardware 8500/8700 Series has a full line of heavy duty narrow stile Panic and Fire Rated Exit hardware. This series is the perfect choice for safety, security, durability and modern appearance.



8550S (SMOOTH)/8750S (GROOVED)

Narrow Panic Rated CVR Exit Devices



8550F (SMOOTH)/8750F (GROOVED)

Narrow Fire Rated CVR Exit Devices



CERTIFICATION

UL/cUL Listed: Listing for Panic Exit Hardware and 3 Hour rating for Fire Exit Hardware
ANSI/BHMA Certified: Devices are A156.3 Grade 1.

APPLICATIONS

8550S (smooth)/8750S (grooved) Narrow CVR Exit Devices are used primarily for glass aluminum double door applications
8550F (smooth)/8750F (grooved) Narrow Fire Rated CVR Exit Devices are used primarily for appearance reasons for listed fire labeled double doors up to 8' x 8' (2438mm x 2438mm)

FINISHES

Lawrence Hardware Exit Devices are available in the following architectural finishes: C3, C4, C10, C10B, C26, C26D and C32D.

SPECIFICATIONS

Device Lengths	Short (36") actual end to end length 33-1/2" (850mm) Long (48") actual end to end length 45-1/2" (1137mm)
Door Widths	Short (36") for 29" to 36" (736mm to 914mm) door size Long (48") for 33" to 48" (838mm to 1219mm) door size
Minimum Stile Width	2-19/32" (66mm)
Latch Bolt	Top latch - 5/8" (16mm) throw. Bottom latch - 5/8" (16mm) throw. Held in retracted position during door swing
Strikes	Top - 813 (panic), 823 (fire) Bottom - 815 (panic), 825 (fire)
Dogging	Panic Device - Hex Key Dogging (RD) standard Fire Exit device - No Dogging (ND)
Dogging Options	Cylinder Dogging (CD) Less Dogging (LD)
Fasteners	Panic Device - Machine screws furnished standard for HMD and SNB furnished for top and bottom latches Optional (SNB) can be ordered separately for device Fire Exit Device - Sex nuts and bolts (SNB) supplied standard
Mounting Height	Standard device centreline from finished floor is 40" (1016mm)
Door Opening Height	Available for Standard door height of 7' or 8'
Vertical Rods	1/2" (13mm) diameter tubular. Top rod has two pieces for accommodating 7' or 8' doors Bottom rod is one piece with a length of 31-1/4" (794mm)
Projection	Push bar Neutral 3-1/16" (78mm). Push bar Depressed 2-19/32" (66mm)



813



823



815



825

MATERIAL

Wide and Narrow Stile Devices

Part Name

1. Auxiliary Guarded Latch	Stainless Steel
2. Latch Bolt, 3/4" (19mm) throw	Stainless Steel
3. Chassis Cover (Head Cover)	Nonferrous Alloy or Stainless Steel
4. Chassis	Plated Steel
5. Push Bar	Extruded Aluminum
6. Push Bar End Cap	Nonferrous Alloy
7. Push Bar Trim	Brass, Stainless Steel, Steel
8. Mechanism Housing (Device Body)	Extruded Aluminum
9. Dogging Plate (Rear Cover)	Extruded Aluminum
10. End Cap	Nonferrous Alloy
11. Top Latch, 5/8" (16mm) throw	Stainless Steel
12. Latch Assembly Cover	Brass, Stainless Steel, Steel
13. Top Vertical Rod and Rod Guide	Strong Aluminum Tube
14. Bottom Vertical Rod	Strong Aluminum Tube
15. End Cap Bracket	Plated Steel
16. Bottom Latch, 5/8" (16mm) throw	Stainless Steel

Wide Stile Device Length 8600/8800 Series

The Device lengths are precut for 36" (914mm) and 48" (1219mm) wide door use (standard shipping size).

THE SHORT DEVICE, 36"

(914mm) has an actual end to end length of 33-1/2" (850mm) suitable for a 36" (914mm) wide door use. Push pad length is 18-1/4" (464mm)

The short Device can be cut down to a minimum end to end size of:

Standard Device (S) 27" (686mm)

Fire Rated Device (F) 25-1/4" (641mm)

THE LONG DEVICE, 48"

(1219mm) has an actual end to end length of 45-1/2" (1156mm) suitable for a 48" (1219mm) wide door use. Push pad length is 21-1/2" (546mm)

The long device can be cut down to a minimum end to end size of:

Standard Device (S) 31" (787mm)

Fire Rated Device (F) 28-1/2" (724mm)

VERTICAL RODS

Our standard and fire rated vertical rod exit device accommodates up to 8' (2438mm) doors. Fire rated devices may be ordered for up to 10' (3048mm) fire exit doors. Specify door height if greater than standard 8' sizes when ordering.

Note: For fire rated devices consult door manufactures literature for maximum allowable door height & width.

End to end length

does not include latch bolt.

NARROW STILE DEVICE LENGTH 8500/8700 SERIES

The Device lengths are precut for 36" (914mm) and 48" (1219mm) wide door use (standard shipping size).

THE SHORT DEVICE, 36"

(914mm) has an actual end to end length of 34 1/4" (870mm) suitable for a 36" (914mm) wide door use. Push pad length is 18 1/4" (546mm)

The short Device can be cut down to a minimum end to end size of:

Standard Device (S) 27 (686mm)

Fire Rated Device (F) 25 1/4" (641mm)

THE LONG DEVICE, 48"

(1219mm) has an actual end to end length of 45" (1143mm) suitable for a 48" (1219mm) wide door use. Push pad length is 21-1/2" (456mm)

The long device can be cut down to a minimum end to end size of:

Standard Device (S) 32-1/2" (826mm)

Fire Rated Device (F) 31 (787mm)

VERTICAL RODS

Our standard and fire rated vertical rod exit device accommodates up to 8' (2438mm) doors. Fire rated devices may be ordered for up to 10' (3048mm) fire exit doors. Specify door height if greater than standard sizes when ordering.

Note: For fire rated devices consult door manufactures literature for maximum allowable door height & width.

End to end length does not include latch bolt.

Sex Nuts and Bolts (SNB)

SNB-For 1-3/4" Door

618



SNB-For 2-1/4" Door

623



SNB-For 2-1/2" Door

630

