



4500 Series Surface Vertical Rod

Applications

Heavy Duty Commercial



PRODUCT SPECIFICATIONS

Certifications:

ANSI/BHMA A156.3-2014 Grade 1
UL305 Listed for Panic Hardware
UL/cUL Listed for up to 3 hours for "A" label doors up to 10' in height
UL10C Positive Pressure Rated
UL10B Neutral Pressure Rated
Complies with ANSI 117.1 for accessible buildings and facilities
Miami-Dade County, Florida NOA #17-1226.23, Exp. Aug. 16, 2022

Cover:

Stainless steel, zinc

Cover Tube:

Aluminum

Dogging:

Hex key dogging standard on panic-rated devices
Cylinder dogging is available on panic-rated devices, specify "CD" (3902 1-1/8" (29mm) mortise cylinder sold separately)

Door Thickness:

1-3/4" (44mm) - Standard up to 3", except with night latch which is 2-1/2"

Door Width:

36" (914mm) field sizeable to 30" (762mm) panic-rated door and 28" (711 mm) fire-rated door
48" (1219mm) field sizeable to 36" (914mm) panic- or fire-rated door
Reference electrified exit device for door width specifications

End Caps:

Standard end cap (zinc)
OPTIONAL Flush end cap (zinc)

Fasteners:

Wood and machine screws
Thru-bolts

Finishes:

US3, US4, US10B, US26, US26D, US32D, BLK
Trim is not available in US32D

Latchbolt Type:

Top - 1/2" (13mm) throw, Pullman type with automatic dead-latching, stainless steel
Bottom - 1/2" (13mm) throw, Pullman type, held retracted during door swing, stainless steel

Maximum Door Height:

7' (2134mm) - Standard
8' (2438mm) Optional
10' (3048mm) Optional (panic device only)

Notes:

Center line prep is 40". If door prep elevation is lower, a longer rod will need to be ordered.
Recommended to be used on appropriately reinforced doors
The 4500 SVR tested configuration for Miami-Dade County, Florida NOA #17-1226.23, used a panic threshold with no bottom strike.
The suggested Hager part is the 520S but any approved panic threshold can be used. Please see the NOA for further details.

Projection:

3" (76mm) in undogged position
2-5/8" (67mm) in dogged position

Push Bar:

OPTIONAL Photoluminescent push bar cover available

Rod Length:

Rods for 7' (2134mm) door - Standard
Rods for 8' (2438mm) door Optional
Door height of 7' (2134mm) requires 33-1/4" (845mm) top rod length
Door height of 8' (2438mm) requires 45-1/4" (1149mm) top rod length
Extension rods kits available, 2' (610mm) or 3' (914mm)

Stile Width:

5-3/8" (137mm) minimum stile width required for single door and 5/8" (16 mm) stop
4-7/8" (124mm) minimum stile width required for double doors
4-7/8" (124mm) minimum stile width required for double door x Rim device with double door strike
All stile widths are measured from door edge

Strikes:

Stainless steel with plated rollers - Included standard with panic devices
Solid stainless steel - Included standard with fire rated devices
Surface applied to frame with slotted holes for easy adjustment
10' (3048mm) fire rated device requires strike and hook kit, 4912, for top strike
Double door strike for use with surface vertical rod and rim device available

Trim:

Archer, August, Charles, Johnston, Joshua, Louis, Warren, William or Withnell lever with escutcheon trim
Pull plate trim (excluding 45PT)
Rim cylinder x optional pull

Warranty:

Lifetime