

4500 Series Concealed Vertical Rod

Applications

- Heavy duty commercial
- NOT recommended for single-rabbet double egress frames
- NOT recommended for doors with inset greater than 1/8"



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" labeled doors up to 10' in height
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated
- Complies with ANSI A117.1 for accessible buildings and facilities

Cover:

- Stainless steel, zinc

Cover Tube:

- Aluminum

Dogging:

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

Door Thickness:

- 1-3/4" (44mm) - Standard

Door Width:

- 36" (914mm) field sizeable to 30" (762mm) panic-rated door and 28" (711mm) 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 not available in US32D

Latchbolt Type:

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

Maximum Door Height:

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

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

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) and 10' (3048 mm) doors - Optional
- Door height of 7' (2134mm) requires 34-5/8" (879mm) top rod length
- Door height of 8' (2438mm) requires 46-5/8" (1184mm) top rod length
- Extension rod kits available 2' (610mm) or 3' (914mm)

Stile Width:

- 4" (102mm) minimum stile width required
- 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
- Top strike mortised into frame

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