



## 4500 SERIES - GRADE 1 SURFACE VERTICAL ROD DEVICE

### WARRANTY

Lifetime warranty

### FEATURES

#### Certification:

BHMA Certified Grade 1 and meets life safety codes and fire-safety requirements. See charts on page 4 for details and options.

#### Covers:

Stainless steel, zinc

#### Cover Tube:

Aluminum

#### Dogging:

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

#### End Caps:

- Zinc
- Flush end cap option available

#### Fasteners:

- Wood and machine screws
- Thru-bolts supplied standard

#### Latchbolt:

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

#### Strikes:

- Stainless steel with stainless steel pin and roller - included standard with panic device
- Solid stainless steel - included standard with fire-rated device
- Surface applied to frame with slotted holes for easy adjustment
- 10' (3048 mm) 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



### SPECIFICATIONS

#### Door Thickness:

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

#### Door Width:

- 36" (914 mm) field sizeable to 30" (762 mm) panic-rated door and 28" (711 mm) fire-rated door
- 48" (1219 mm) field sizeable to 36" (914 mm) panic- or fire-rated door

#### Projection:

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

#### Vertical Rods:

- Rods for 7' (2134 mm) doors - 33-1/4" (845 mm) top rod length
- Rods for 8' (2438 mm) doors - 45-1/4" (1149 mm) top rod length
- Extension rods kits available, 2' (610 mm) or 3' (914 mm) for doors over 7'

#### Stile Width:

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

#### Notes:

- Center line prep is 40". If door prep elevation is lower, a longer top rod will need to be ordered.
- Recommended for use on appropriately reinforced doors

### TRIM

- 4500 Series escutcheon trim for vertical rod device is surface mounted with variety of lever options (pp. 22-23)
- Pull plate trim (excluding 45PT)
- Vandal resistant
- Rim cylinder x optional pull

### FINISHES

- US3, US4, US10, US10B, US26, US26D, US32D, BLK
- Trim is not available in US32D
- Anti-microbial available with US26D, US32D

