# 1690 CONCEALED VERTICAL ROD TOUCHBAR DEVICE

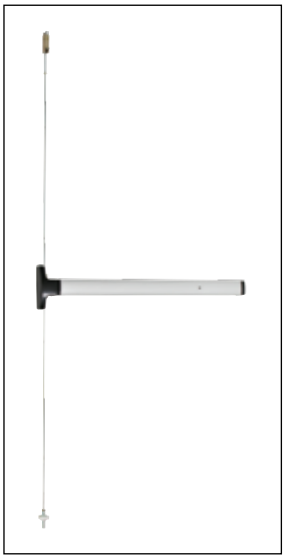
**Tough performance for high-traffic applications.**

The design of the 1690 is ideal for demanding, high-traffic applications. The vertical rods and latch mechanisms are concealed in the vertical door stile, ensuring trouble-free operation. Cast metal cover plates and end caps hold up to rigorous use. A quick, single-point dogging feature in the housing deactivates the device, permitting unrestricted traffic flow. The 1690 may also be used to retrofit a 1990 Series crossbar device.



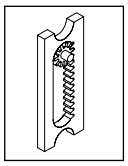


| Length | Minimum Door size (non-EL) | Minimum Door Size (EL) |
|---|---|---|
| 30" | 24" | 28 1/2" |
| 36" | 30" | 34 1/2" |
| 42" | 36" | 40 1/2" |
| 48" | 42" | 46 1/2" |

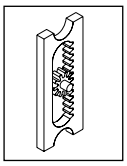


**Positioning Retractor as shown for NL or HB functions.**

Install retractor as shown below for both RHR and LHR doors; this makes all keys function in the same direction.



**Hold Back (HB)**



**Night Latch (NL)**

## Specifications

| | |
|---|---|
| **Hand:** | Field reversible, non-handed. |
| **Functions:** | See trim selection chart on this page. |
| **Finishes:** | US28, DC13, DC 35, US3, US10, US26, US26D. Centercase and end cap are powder-coated black only. |
| **Strikes:** | PB48 top. |
| **Latches:** | Hex bottom latch (standard), RL - rod bottom latch, PL - Pullman bottom latch, ES - electric strike top latch (optional). Device needs to be less bottom rod (LBR). |
| **Dogging Feature:** | Hex key dogging standard, except EL where must use hold back feature. |
| **Cylinder:** | Rim, key entry (NL) or hold back (HB) feature available. Field selectable. |
| **Sizes:** | 30", 36", 42", and 48". |
| **Doors:** | 1 3/4" thick metal doors, specify if other. |
| **Projections:** | 3 3/8" in neutral position, 2 3/8" in dogged position. Pushbar height is 2 1/2. |
| **Stile:** | 1 3/4" minimum. |
| **Electric Functions:** | EL - electric latch retraction, ED - electric dogging (both EL and ED require PS873-2 minimum power supply). RX - request to exit switch, monitors pushpad SPTD switch. |
| **Fasteners:** | All machine screw mounting. Device mounting fasteners are concealed, latch fasteners are exposed to egress side. |
| **End Caps:** | Black powder-coated metal end caps. |
| **Vertical Rods:** | 7' standard, extension rods available up to 10'. Rod extension kits available. |
| **ANSI:** | Certified ANSI A156.3 Grade 1 standards. |

| Model | Trim Package | Type | Function |
|---|---|---|---|
| 1690 | No outside trim | 6 | 01 |
| 1691 | Pull Only (9970) | 6 | 02 |
| 1692 | Cylinder only | 6 | 03/04 |
| 1693 | Pull and cylinder | 6 | 02/03/04 |