

# 1490 Concealed vertical rod touchbar device

The 1490 offers a clean appearance with pushpad styling and a variety of practical features. The 1490 is built with rugged steel operating mechanisms, and durable aluminum push bars and end caps.



Length	Minimum door size (non-EL)	Minimum door size (EL)
36"	25 3/4"	34 3/4"
42"	25 3/4"	34 3/4"
48"	36 3/4"	43 3/4"

Consult factory for special sizes.



## Specifications

Hand:	Specify RHR or LHR-supplied RHR if not specified.
Functions:	See trim selection chart on this page.
Finishes:	US28, DC13, DC 35, US3, US9, US10, US4, US10B, US14, US15.
Strikes:	PB48 top.
Latches:	RL - Rod bottom latch (standard), Hex bottom latch (standard for EL), PL - Pullman bottom latch (optional), ES - electric strike top latch (optional). Device needs to be less bottom rod (LBR).
Dogging feature:	Quarter turn hex dogging standard. No threaded parts to wear out.
Cylinder:	Rim, night latch (NL) or hold back (HB) feature available. Simplified cartridge mounting for most standard rim cylinders. Furnished in DC35 if not specified.
Sizes:	36", 42", 48".
Doors:	1 3/4" thick metal doors-specify if other than 1 3/4".*
Projections:	2 3/4" maximum, 2" when dogged. Pushbar height is 3".
Stile:	1 3/4" minimum.
Electric functions:	EL - electric latch retraction, include "S". Requires PS914-2RS minimum power supply. S- latch bolt monitor switch (SPDT). Conversion kits available. Devices are handed.
Fasteners:	All mounting screws are concealed. Uses all machine screws for device and latch.
End caps:	Durable zinc die cast, powder coated.
Vertical rods:	1' standard, extension rods available up to 7' 10".
ANSI:	Certified ANSI A156.3 2001 Grade 1 standards.
Shim kits:	1/2" riser is available.
Hurricane:	1490 devices are used for hurricane rated door openings. Consult door manufacturer's listing.

Model	Trim package	Type	Function
1490	No outside trim	6	01
1491	Pull only (9970)	6	02
1492	NL cylinder	6	03
1493	HB cylinder	6	04
1494	Pull (9970) w/ NL cylinder	6	02/03
1495	Pull (9970) w/ HB cylinder	6	02/04
1498	Dummy	6	

\* 9970 is for use on HM and Alum doors only. Not for use on wood doors.

# How to order

1490/1590

		EL	1490	EO	36"	US28	CYL	RL*	RHR*
<b>HH</b>	Hurricane device *								
<b>EL</b>	Electric latch retraction								
<b>S</b>	Signal switch - monitors latch bolt								
<b>1490</b>	See model numbers on page 4								
<b>1590</b>	See model numbers on page 5								
<b>EO</b>	Exit only								
<b>DT</b>	Dummy trim								
<b>NLOP</b>	Night latch cylinder assembly - optional pull								
<b>HBOP</b>	Hold back cylinder assembly - optional pull								
<b>NLP</b>	Night latch cylinder assembly with 9970 pull								
<b>HBP</b>	Hold back cylinder assembly with 9970 pull								
<b>36"</b>	36" (standard)								
<b>42"</b>	42" (optional)								
<b>48"</b>	48" (optional)								
<b>US28</b>	<b>DC35</b> <b>US9</b> <b>US4</b> <b>US14</b>								
<b>DC13</b>	<b>US3</b> <b>US10</b> <b>US10B</b> <b>US15</b>								
<b>RISER</b>	Riser (1/2")								
<b>CYL</b>	Rim cylinder								
<b>7 PIN CYL</b>	Cylinder assembly for 7-pin cylinder. Cylinder not included.								
<b>RL</b>	Standard bottom latch								
<b>HEX</b>	Standard EL bottom latch								
<b>PL</b>	Pullman bottomlatch								
<b>LBR</b>	Less bottom rod								
<b>RHR</b>	RHR								
<b>LHR</b>	LHR								