

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