Yale®

TRADITIONAL EXIT DEVICE

1500 SERIES

CATALOG

An ASSA ABLOY Group brand

ASSA ABLOY

AGELESS DISTINCTION

Yale's 1500 Series Traditional Crossbar Exit Devices are the perfect solution for modern retrofit applications and maintaining the look and integrity of historic architectural motifs.

Sound design, unobtrusive lines, and ease of installation harmonize with the *Yale* benchmark of quality and dependability. Utilization of the highest-grade structural and architectural materials in manufacturing also places the *Yale* 1500 Series exit device in a class by itself. Each exit device package consists of brass, bronze or stainless steel components complementing proven internal mechanisms constructed of sturdy steel, to which substantial corrosion-resistant coatings have been electrochemically bonded.

Combined with a variety of trims and options, the opportunity exists for asserting strong individuality or maintaining the flow of an existing design expression. In either case, you can be assured of consistent quality, functionality and appearance in every 1500 Series exit device we make.

Features

- Available in rim, mortise, surface vertical rod and concealed vertical rod
- Lever, knob, handle and pull trim designs offer variety and permit hardware balance throughout a building
- 2-point hex-key dogging for standard devices allows quiet push-pull door operation during peak traffic hours
- Mortise exit device locks are based on Yale's 8700 Series, the industry standard for quality and reliability
- Standard outside trim available with a choice of *Yale* 6 and 7-pin, removable core and security rim cylinders, keyed as needed
- Other manufacturer's cylinders available when required by existing key systems

PERFORMANCE STANDARDS

Yale Traditional Exit Devices are listed by Underwriters Laboratories (UL, c.UL) as panic hardware meeting UL305 requirements. Devices for fire openings bear a UL or c.UL Fire Exit Hardware label and meet UL10B 3-hour fire requirements. All these devices are manufactured to meet or exceed ANSI A156.3 Grade 1 standards. The ratings are maintained under Reexamination Service (UL, c.UL), and BHMA Certification Service (ANSI).

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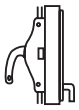
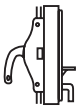
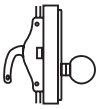
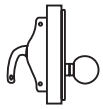
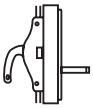
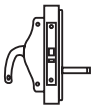
FINISHES

ANSI Code	Finish
605	Bright Brass, clear coated
606	Satin Brass, clear coated
611	Bright Bronze, clear coated
612	Satin Bronze, clear coated
613*	Satin Bronze, oxidized and oil rubbed
625	Bright Chrome Plated
626	Satin Chrome Plated
629	Bright Stainless Steel
630	Satin Stainless Steel

***High wearing finish not recommended for medium or high traffic use.**

APPLICATIONS CHART

Trim	Device (ANSI)	Rim (Type 1)			SVR (Type 2)			CVR (Type 8)			Mortise** (Type 3)		
	Options	1500(F)			1510(F)			1520(F)			1530*(F)		
ANSI	Function	Trim Options			Trim Options			Trim Options			Trim Options		
F01	Exit Only (Blank Plate)			520F 530F			520F 530F			520F 530F			520F 530F
F02	Pull to Open (Dummy Trim)		534F 529F	525F		534F 529F	525F		534F 529F	525F		358F 534F	554F
F03	Entrance by Key & Pull (NL)		527F 532F	521F 523F 531F		527F 532F	521F 523F 531F		527F 532F	521F 523F 531F		562F 356F	551F 561F 562F
F05	Cylinder Controls Thumbpiece			533F			533F			533F			573F
—	Thumbpiece Always Active (Passage)			535F			535F			535F			575F
F06	Key & Thumbpiece (Key Removable When Locked)			533F*			533F*			533F*			
F08K	Cylinder Controls Knob			522F			522F			522F			552F
—	Knob Always Active (Passage)			524F			524F			524F			554F
F08L	Cylinder Controls Lever			526F			526F			526F			356F
—	Lever Always Active (Passage)			528F			528F			528F			358F
F09K	Key & Knob (Key Removable When Locked)			522F*			522F*			522F*			
F09L	Key & Lever (Key Removable When Locked)			526F*			526F*			526F*			

(*) Field conversion required.

**Refer to page 7 for more information.

1500(F) RIM DEVICE

The 1500(F) is a traditional exit device for single swing doors or pairs of doors with mullions of metal, wood or composite construction.

SPECIFICATIONS

1500(F)-36	For openings up to 36" (0.91m) wide.
1500(F)-48	For openings up to 48" (1.22m) wide.
Operating Trim	520F Series Escutcheon Trim 530F Series Long Escutcheon Trim
Strikes	799 Rim Strike (Single Doors) 701 Rim Strike for pairs of doors without mullion.
Stile	Minimum Stile width: 4-1/2" (114mm)
Hand	Field Reversible
Listings	UL, cUL Listed Exit Device UL, cUL Fire Label (4' x 8' door max.) ANSI A156.3, Type 1, Grade 1

1510(F) SVR EXIT DEVICE

The 1510(F) is a traditional surface vertical rod exit device for any door where two-point latching is desired (inactive doors of pairs in particular).

Packed for 7'0" high (2.13m) openings with recommended template. Field cut rods or use rod extensions for other applications.

SPECIFICATIONS

1510(F)-36	For openings up to 36" (0.91m) wide.
1510(F)-48	For openings up to 48" (1.22m) wide.
Operating Trim	520F Series Escutcheon Trim 530F Series Long Escutcheon Trim
Strikes	Top Strike: 791 Floor Strike: 790 (Standard) Floor Strike: 794 (Threshold Openings)
Stile	Minimum Stile Width: 4-1/2" (114mm)
Hand	Field reversible
Rod Extensions	7010-2, 2" (51mm) 7010-6, 6" (152mm) 7010-12, 12" (305mm)
Listings	UL, cUL Listed Exit Device (4' x 10') UL, cUL Fire Label (4' x 8' door max.) ANSI A156.3, Type 2, Grade 1

1520(F) CVR EXIT DEVICE

The 1520(F) is a traditional concealed vertical rod exit device for metal doors where two-point latching is desired (inactive doors of pairs in particular.)

SPECIFICATIONS

1520(F)-36	For openings up to 36" (0.91m) wide and 96" (2.44m) high.
1520(F)-48	For openings up to 48" (1.22m) wide and 96" (2.44m) high.
Operating Trim	520F Series Escutcheon Trim 530F Series Long Escutcheon Trim
Strikes	Top Strike: 791 Floor Strike: 790 (Standard) Floor Strike: 794 (Threshold Openings)
Stile	Minimum Stile Width: 4-1/2" (114mm)
Hand*	Field reversible
Rod Extensions	7010-2, 2" (51mm) 7010-6, 6" (152mm) 7010-12, 12" (305mm)
Listings	UL, cUL Listed Exit Device (4' x 10') UL, cUL Fire Label (4' x 8' door max.) ANSI A156.3, Type 8, Grade 1

*** Hand required when used with lever trim.**

1530(F) MORTISE EXIT DEVICE

The 1530(F) is a traditional exit device integrated with *Yale* 8700 series mortise lock for the active leaf of pairs and single doors where both exit device and security are required. Can be installed on metal, wood or composite doors.

SPECIFICATIONS

1530*(F)-36	For openings to 36" (0.91m) wide.
1530*(F)-48	For openings to 48" (1.22m) wide.
Operating Trim	350F, 520F & 550F Series Escutcheon Trim 530F, 560F & 570F Series Long Escutcheon Trim
Strikes	798 universal curved lip ANSI strike. 712 flat ANSI strike for pairs with astragal (optional). 718 open back strike (optional).
Stile	Minimum Stile Width: 4-1/2" (114mm)
Hand	Specify: RHR or LHR
Door Thickness	1-3/4" (Others, on application)
Listings	UL, c.UL Listed Exit Device UL, c.UL Fire Label (4' x 8' door max.) ANSI A156.3, Type 3, Grade 1

***Add suffix as follows, according to function, when ordering.**

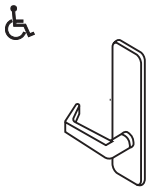
1530-K5(F)	(F01) Exit only
	(F02) Entry by pull or rigid knob when dogged.
	(F03) Key retracts latchbolt.
1530-L5(F)	(F02) Entry by rigid lever when dogged.
	(F03) Key retracts latchbolt.
1530-K8(F)	(F08) Entry by knob lock/unlocked by key or knob only (passage).
1530-L8(F)	(F08) Entry by lever lock/unlocked by key or lever only (passage).
1530-T8(F)	(F05) Entry by thumbpiece lock/unlocked by key or thumbpiece only (passage)

1500 EXIT DEVICE TRIM

Rim and Vertical Rod Devices use Universal Lifter Assembly #60-1500-0671-000, to connect to any 520 or 530 Series active trim. The lifter is supplied standard with devices from warehouse stocks, or factory orders for devices with trim. Otherwise, the part is supplied to order. Mortise Devices are supplied according to trim type and function desired. There is a 1530(F) Series device adequate for each 350, 550, 560 or 570 Series Trim charted. See "Device Selection."

350F, 520F AND 550F ESCUTCHEON TRIM

- Escutcheon: 2-1/2" x 9-1/2" x 1/4" (64mm x 241mm x 6mm)
- Knob or Lever Trim: Prefix List Number with any Design Code. (See Trim Designs.)
- Through-Bolted. 1-3/4" (44mm) door, standard. Other thicknesses on application.
- Finishes: 605, 606, 611, 612, 613, 625, 626, 629, 630



Applications	Cylinder	(EO) Blank Plate	(NL) Access by Key	(DT) Rigid Lever	(DT) Active Lever	(Passage) Lever Always Active	Cylinder Controls Lever		(DT) Rigid Knob	(DT) Active Knob (Passage)	(Passage) Knob Always Active	Cylinder Controls Knob	
1500 1510 1520	Rim	520F	521F*	529F	528F***	528F	526F	526F**	525F	524F***	524F	522F	522F***
1530	Mortise	520F	551F	358F	—	358F	356F	—	554F	—	554F	552F	—
		K5(F)	K5(F)	L5(RF)	—	L8(F)	L8(F)	—	K5(F)	—	K8(F)	K8(F)	—
ANSI		F01	F03	F02	F02	—	F08	F09	F02	F02	—	F08	F08

*** NL Trim. If lever is desired order 527F. If Knob is desired order 523F. Prefix trim number with desired design.**
**** High wearing finish is not recommended for medium or high traffic use.**
*****Easy field modification required.**

1500 EXIT DEVICE TRIM

530F, 560F AND 570F SERIES LONG ESCUTCHEON TRIM

- Escutcheon: Plate: 2-1/2" x 15-1/4" x 1/4" (64mm x 337mm x 6mm)
  Pull: 6-7/16" (164mm) on centers x 2-1/8" (54mm) projection.
- Through-Bolted: 1-3/4" (44mm) door, standard. Other thicknesses on application.
- Finishes: 605, 606, 611, 612, 613, 625, 626, 629, 630

Application	Cylinder	(DT) Blank Plate	(DT) Pull Plate	(NL) Access by Key	(NL) Cylinder by Pull	(Passage) Active T-Piece	Cylinder Controls T-Piece	
1500 1510 1520	Rim	530F	534F	531F	532F	535F	533F	533F
1530	Mortise	530F	534F	561F	562F	575F	573F	—
		K5(F)	K5(F)	K5(F)	K5(F)	T8(F)	T8(F)	—
ANSI		F01	F02	F03	F03	—	F05	F06

LEVER AND KNOB DESIGNS

AR Arcadia

AU Augusta

CR Carmel

JN Jefferson

MO Monroe

PB Pacific Beach

PN Pinehurst

VI Virginia

BR Brandywine

CO Copenhagen

LF Litchfield

REMOVABLE MULLIONS

Column in the center of paired openings with both doors swinging out. Mullions help move traffic through an opening by providing two well-defined doorways.

Yale mullions are supplied ready for use with *Yale* rim exit devices. Simple instructions, packed with the mullions, yield a solid structural mount. Fast mullion removal and repositing feature permit at will use of the full opening width (such as to pass bulky items thru.)

Built from 1-1/2" x 3" (38mm x 76mm) tubular steel with rigid walls, adequate for secure strike fastening. Fittings are provided with floor anchors and machine screws.

M100 REMOVABLE MULLION

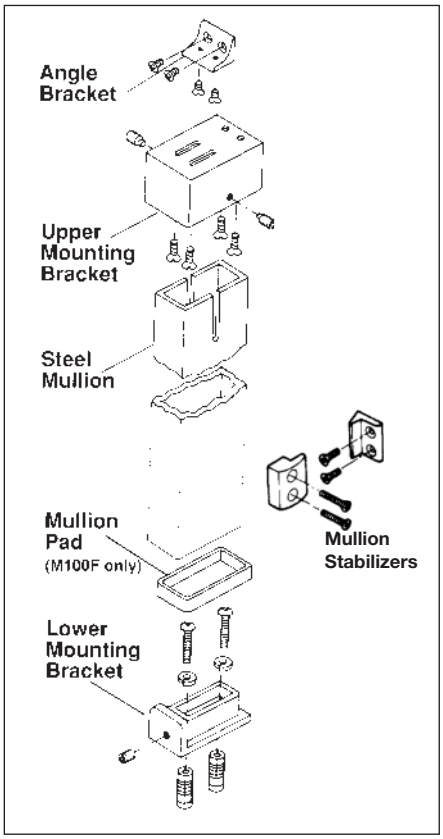
Panic Exit Mullion. Specify 7' (2.13m), 8' (2.44m) or 10' (3.05m). Field cut for other opening heights. SB (sprayed aluminum paint) finish will accept other paints over.

M100(F) REMOVABLE MULLION

Fire Exit Mullion. Specify 7' (2.13m), or 8' (2.44m). Field cut for other opening heights. SB (sprayed aluminum paint) finish will accept other paints over.

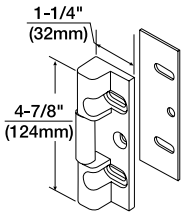
102S MULLION STABILIZER KIT

Mullion Stabilizer Kit for panic and fire mullions. Stabilizer brackets control mullion flexibility and are recommended when opening height or other factors detract from bolt-to-strike engagement.

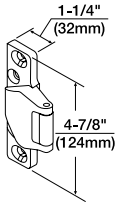


STANDARD & OPTIONAL STRIKES

RIM DEVICES

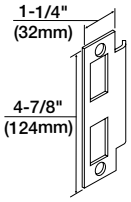


799 Standard Strike for 1500 and 1500F devices. Supplied with (3) shims, 12-24 machine screws, and #12 wood screws.



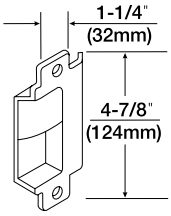
701 Rim Strike for pairs of doors without mullions (1500 only). Supplied with 12-24 machine screws, and #12 wood screws.

MORTISE DEVICE STRIKES

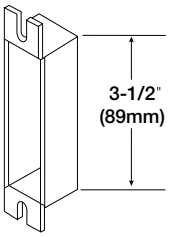


798 Universal Strike (ANSI, non-handed, 1-1/4" curved lip), standard.

712 Flat Strike (ANSI, 7/8" flat lip). Option for pairs of doors with astragals.

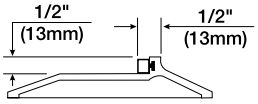


718 Open Back Strike For pairs of doors, when allowed by Code.

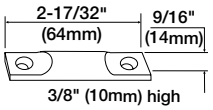


202 Strike Box 7/8" (22mm) deep (optional).

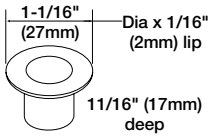
VERTICAL ROD LATCHES AND STRIKES



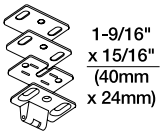
Bottom Pullman Latch (P/No. 60-7010-0051-999), for use only with 1510 SVR devices in openings with pullman latch threshold as shown, threshold by others, or 702 floor strike. Order suffix "x Bottom Pullman Latch".



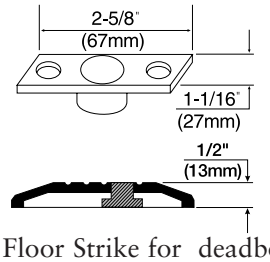
702 Floor Strike, for bottom pullman latch devices. Supplied with 1/4-20 machine screws and floor anchors.



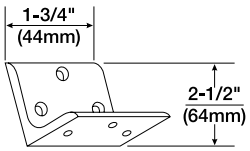
790 Floor Strike, standard strike for deadbolt. Press in place.



791 Top Strike, supplied with 10-24 machine screws and #10 wood screws; two shims, each 1/16" (1.60mm) thick, and one locking plate.



794 Floor Strike for deadbolts. Required in fire openings with 1/2" thresholds. Also permits flush floor mounts. Supplied with 1/4-20 screws and floor anchors.



797 Bracket for mounting 791 strike in flush partitions. Supplied with 1/4-20 machine screws; SN-134 sex nuts, optional.

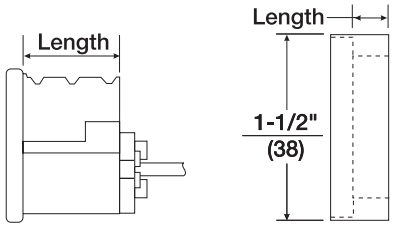
SPECIALTY FASTENERS

Cylinder Ring = Cylinder Length - 1" or 25mm.
Cylinder rings, other than standard 1765-.250, must be supplied with cylinders used.
Cylinder Mounting Screws, other than 12-24 for standard trim, must be supplied with cylinder used.

CYLINDERS

RIM CYLINDERS

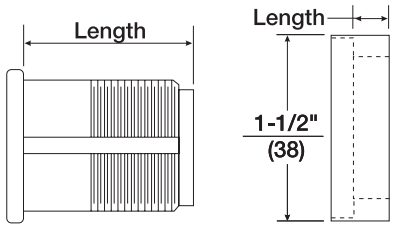
Cylinder Ring = Cylinder Length - 1" or 25mm.
Cylinder rings, other than standard 1765-.250, must be supplied with cylinders used.
Cylinder Mounting Screws, other than 12-24 for standard trim, must be supplied with cylinder used.



Standard Cylinders
1109, 6-pin cylinder x 1765-.250 ring (supplied with standard trim, random keyed).
1109, 7-pin cylinder x 1765-.405 ring.
5109, 6-pin high security cylinder x 1765-.250 ring.
5109, 7-pin high security cylinder x 1765.405 ring.
CMK Cylinders
Longer 12-24 mounting screws required (P/No. 34-2311-8738-048).
1709, 6-pin CMK cylinder x 1765-500 ring.
1709, 7-pin CMK cylinder x 1765-500 ring.
Removable Core Cylinders
1193, 6-pin cylinder x 1765-.656 ring x 10-24 screws #10-1193-1018-048.
1193, 7-pin cylinder x 1765-.656 ring x 10-24 screws #10-1193-1018-048.
5193, 6-pin high security cylinder 1765-.656 ring x 10-24 screws #10-1193-1018-048.
5193, 7-pin high security cylinder 1765-656 ring x 10-24 screws #10-1193-1018-048.

MORTISE CYLINDERS

Cylinder Length = (1/2 Door Thickness) + .281" or 7mm.
Cylinder Ring = Cylinder Length - (1/2 Door Thickness) + .218" or 5.5mm.



Cylinder rings, other than standard 1765-.062, must be supplied with cylinders used.
Unspecified Cylinder
2153, 6-pin x 1765-.062 cylinder ring, for 1-3/4" (44mm) doors.
Optional Cylinders
2153, 7-pin standard cylinder. 5153, 6- or 7-pin high security cylinders. 2196, 6-pin, or 2197, 7-pin removable core cylinders. 5196, 6-pin, or 5197, 7-pin high security removable core cylinders. CMK, and other keying options available as for 8700 Series Mortise Locks.
Optional Cylinder Rings
Order by list number 1765 suffixed with size desired.

TYPICAL APPLICATIONS

SINGLE DOOR

RIM EXIT DEVICE - STANDARD OPENING

- ANSI 156.3 Type 1
- Easy installation
- Flush or wide stile metal, wood or composite doors
- Field reversible
- Exit only or with entry trim

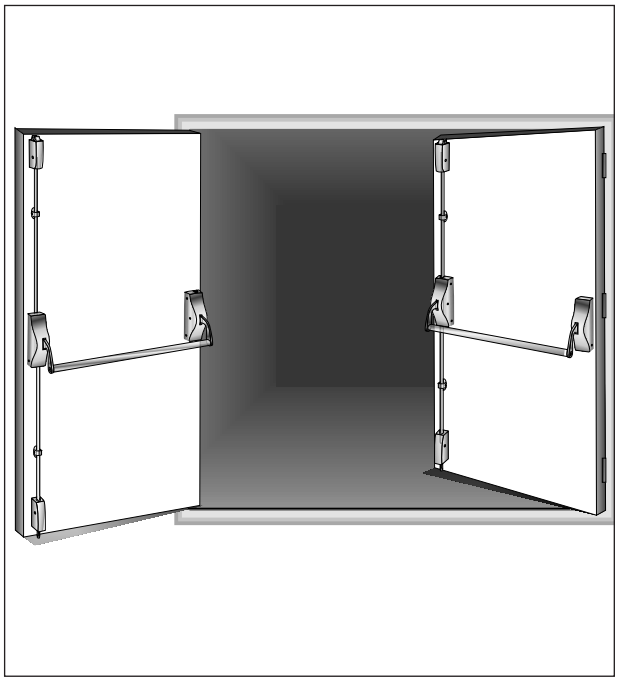
Exit Device	Panic Exit: 1500
	Fire Exit: 1500F
Operating Trim	530F Series
Ordering Example	1500-36” x AU526F x RHR x 626

MORTISE EXIT DEVICE - MORTISE LOCK RETROFIT

- ANSI115.1, (ASA86) prep door
- Flush or wide stile metal, wood, or composite doors
- Mortise lock security with an exit device

Exit Device	Panic Exit: 1530
	Fire Exit: 1530F
Operating Trim	350F, 550F, 560F, 570F Series
Ordering Example	1530L8-36" x AU356F x RHR x 612

DOUBLE EGRESS OPENING



TWO SURFACE VERTICAL ROD EXIT DEVICES

- ANSI A156.3, Type 2
- Two-point latch security
- Flush or wide stile metal, wood or composite doors
- Field reversible
- Smoke control or fire exit
- Two-way traffic control

Exit Device	Panic Exit: (2) 1510
	Fire Exit: (2) 1510F
Operating Trim	520F or 530F Series
Ordering Example	2 each: 1510F-48" x 626 x LHR

TWO CONCEALED VERTICAL ROD EXIT DEVICES

- ANSI A156.3, Type 8
- No exposed rods or latchbolts
- ADA compliant
- Flush or wide stile metal doors
- Field reversible
- Smoke control or fire exit
- Two-way traffic control

Exit Device	Panic Exit: (2) 1520
	Fire Exit: (2) 1520F
Operating Trim	520F or 530F Series
Ordering Example	2 each: 1520F x 532 x LHR x 630

TYPICAL APPLICATIONS

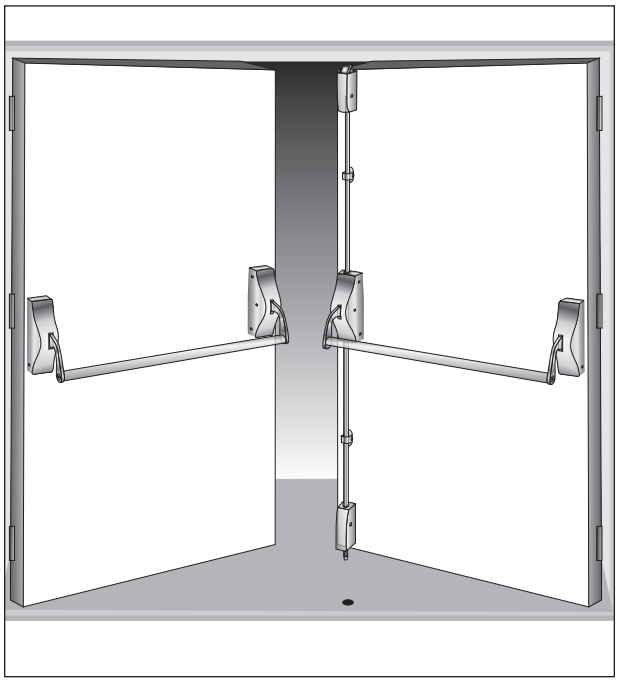
PAIR OF DOORS WITH CENTER MULLION

TWO RIM EXIT DEVICES - ONE REMOVABLE MULLION

- ANSI 156.3 Type 1
- Easy installation
- Flush or wide stile metal, wood or composite doors
- Exit only or with entry trim
- Recommended for easier traffic flow.

Exit Device	Panic Exit: (2) 1500 x M100
	Fire Exit: (2) 1500F x M100F
Operating Trim	520F or 530F Series
Ordering Example	2 each: 1500-36" x AU520F x 626 x 1/2RHR x M100-7'0"

PAIR OF DOORS WITHOUT MULLION



ONE MORTISE - ONE VERTICAL ROD EXIT DEVICE

- The architectural choice for pairs of doors without mullions
- Flush or wide stile metal, wood or composite doors
- Panic or fire label openings

Exit Device	Panic Exit: 1530 Mortise x 1520 (CVR) or 1510 (SVR)
	Fire Exit: 1530F Mortise x 1520F (CVR) or 1510F (SVR)
Operating Trim	530F, 550F, 560F or 570F Series (Active) x 520F or 530F Series (Dummy or Active)
Ordering Example	1 each: 1530-L8F x AU356F x RHR x 605, plus 1 each 1510F x AU529F x LHR x 605

ONE RIM - ONE VERTICAL ROD EXIT DEVICE

- An economic solution for light traffic openings
- Flush or wide stile metal, wood or composite doors

Exit Device	Panic Exit: 1500 Rim x 1510 SVR
Operating Trim	520F or 530F Series
Ordering Example	1 each: 1500-48RHR x 532 x 701 x 1510-48LHR x 534 x 626

HOW TO ORDER

ORDERING INFORMATION

From this outline select the List Number for the *Yale* 1500 Traditional Exit Device you require.

Quantity	X	0	Suffix	Size	Design	Trim	Finish	Other Info
15	**Third Position:** 0 - Rim Device 1 - SVR Device 2 - CVR Device 3 - Mortise Device		Suffix - Mechanical Feature: "F" - Fire Exit Device "K5" - Mortise Device, EO or Entry by Key with/ without Rigid Knob. "K8" - Mortise Device, Entry by Knob. "L5" - Mortise Device, EO or Entry by Key with/ without Rigid Lever. "L8" - Mortise Device, Entry by Lever. "T8" - Mortise Device, active Thumbpiece Trim.	**Size:** (DOW = Door Opening Width) "36" - Thru 36" (0.90m) "48" - Thru 48" (1.20m)	**Trim Design:** (Lever or Knob only.)	**Trim List Number**	**Finish Code:** See Page 2	**Other Information:** **Door Hand** - All devices and lever handle trim. **Door Thickness** - over 1-3/4" (45mm). **Fastener Options** - Torx® Security Screws, SNB (wood, composite, or unreinforced metal doors). **Specialty Cylinders & Components**

PACKAGING

It is recommended that exit devices and trim for the same opening be ordered together. Standard product and warehouse inventories are for 1-3/4" (44mm) reinforced metal doors. Accessories detached from the device and trim should be specified separately. Materials by others are required to be fit for the purpose as detailed in this catalog and the product installation literature.

YALE® PRODUCTS

Yale 1500 Traditional Exit Devices are designed to satisfy a variety of hardware applications while at the same time maintaining the architectural lines of the past and meeting today's stringent safety codes. These and other commercial hardware products are available from Yale. Detailed templates are also available upon request. Contact your *Yale* distributor for more information on these and other *Yale* hardware products.

online literature and templates

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- Installation instructions

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