Yale®

Heavy-Duty Pre-Assembled Retrofit Lock

6400LN Monolock

CATALOG

An ASSA ABLOY Group brand

ASSA ABLOY

CONVENIENCE AND VERSATILITY

INTRODUCTION

Based on Yale's 5400LN Grade 1 cylindrical lockset, the 6400LN Monolock continues the tradition of quality and dependability as a preassembled lock series designed to retrofit existing Yale® Monolock as well as Corbin Russwin Unit Lock and Falcon® Retrofit Lock installations with 1-3/4" latch height.

Featuring **Yale's patented Free Wheeling lever** mechanism as an increased deterrent to vandalism, the 6400LN is also ADA compliant and UL listed. As a retrofit lock, installing the 6400LN is a cost-effective alternative to expensive door modification or replacement. In addition, easy installation and the ability to use existing key systems make the 6400LN Monolock convenient and versatile.

As a lock industry leader for over 160 years, *Yale* has built a reputation on providing the highest level of reliability available in the market. Proven performance is the foundation on which all of our products are manufactured. Our goal at *Yale* is to provide superior products and services, at a competitive price, on time, every time.

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FREE WHEELING LEVER TRIM (PATENT #B1 4,920,773)

All 6400LN locking functions feature Yale's patented Free Wheeling lever mechanism (Patent No. 4920773). When locked, the outside lever will rotate freely up and down without retracting the latch.

DOOR THICKNESS

Fits doors from 1-3/4" to 2-1/4" thick.

FINISHES

ANSI Code	Finish Description
605*	Bright brass
606*	Satin brass
612	Satin bronze, clear coated
613	Satin bronze, oxidized and oil rubbed
625	Bright chrome plate
626	Satin chrome plate

***Physical Vapor Deposition (PVD) coating applied for protection against tarnish and wear. Lifetime warranty.**

WARRANTY

The 6400LN Monolock is warranted for 1 year from delivery date to the original purchaser.

Yale Commercial Locks and Hardware (the "Company") warrants that the Physical Vapor Deposition (PVD) finish on 605 and 606 finishes will not corrode, tarnish, wear, discolor or peel under normal use and service for the lifetime of the part to which it has been applied.

This warranty does not cover defects or damage arising from improper installation, lack of or improper maintenance, improper storage, shipping and handling, misuse, abuse, accident, unauthorized service, scratches, or contact with caustic chemicals or abrasive cleaners, including without limitation hydrogen peroxide.

The exclusive remedy under this warranty, or any warranty implied by law, and the only liability of the Company in tort or contract whether under this warranty or otherwise, shall be the repair or replacement of defective parts, at the Company's option.

ADA

The 6400LN meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ANSI 117.1, all requiring ease of accessibility for the handicapped.

FIRE LISTINGS

UL-cUL "B" Fire Label for all functions up to 90 minutes.

ISO 9001

Designed and manufactured in a certified ISO 9001 facility.

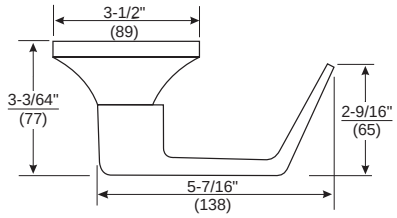
HANDING

Handing must be specified for all functions and designs of the 6400LN.

LEVER DESIGNS

AUGUSTA

Lever: Cast Solid
Rose: Cold Forged Brass, Bronze

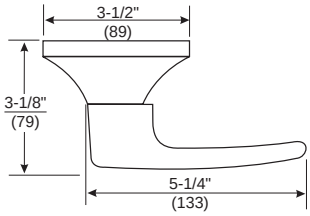


AU

AU**

MONROE

Lever: Cast Solid
Rose: Cold Forged Brass, Bronze

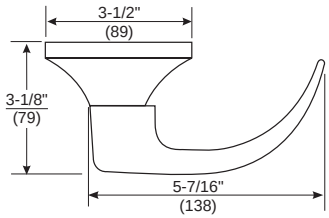


MO

MO**

PACIFIC BEACH

Lever: Cast Solid
Rose: Cold Forged Brass, Bronze



PB

PB**

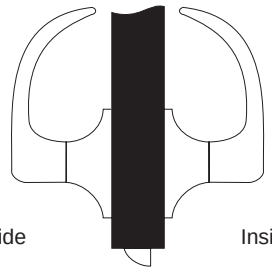
Dimensions are shown in inches (millimeters).
** See page 7 and 8 for interchangeable core cylinder order options.

LOCKSET FUNCTIONS

6401LN
F75

Passage or Closet Lock

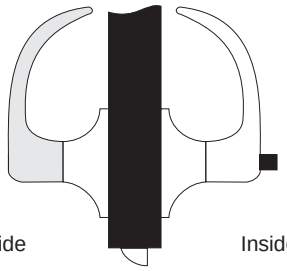
- For doors that do not require locking.
- Either lever operates latchbolt at all times.



6402LN
F76

Privacy Bedroom or Bath Lock

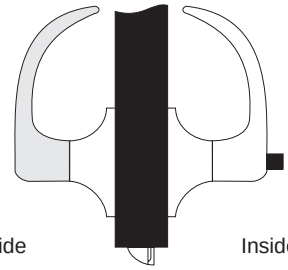
- For lavatory or other privacy doors.
- Either lever operates latchbolt unless outside lever is locked by pushbutton inside.*
- Button automatically releases when inside lever is turned or door is closed.
- Emergency release in outside lever. Emergency key supplied. (PN 14-5302-1053-048)
- Inside lever always active.



6403LN
F77

Patio or Privacy Lock

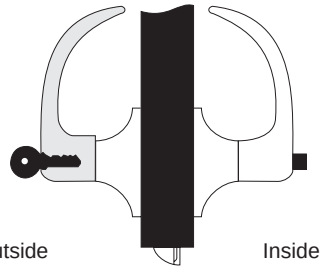
- For exit doors with limited entry.
- Deadlocking latchbolt.
- Either lever operates latchbolt unless outside lever is locked by pushbutton inside.*
- Button automatically releases when inside lever is turned or door is closed.
- Inside lever always active.



6404LN
F82

Entry Lock

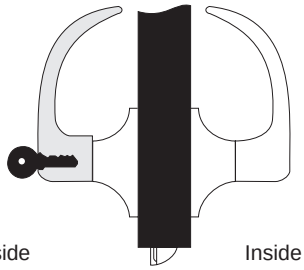
- For entrance or office doors.
- Deadlocking latchbolt.
- Either lever operates latchbolt (except when outside lever is locked from inside).*
- Pushing button in inside lever locks outside lever. (Automatically releases when inside lever is turned or key is rotated in locked outside lever.)
- Latchbolt is operated by key in outside lever or by rotating inside lever.
- Inside lever always active.



6405LN
F86

Storeroom or Closet Lock

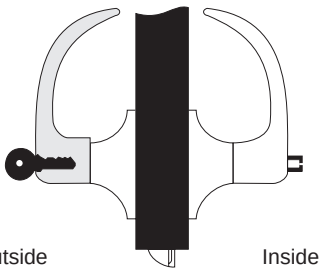
- For use on storeroom, utility, and exit doors.
- Deadlocking latchbolt.
- Latchbolt operated by lever inside, key in outside lever.
- Outside lever always locked.*
- Inside lever always active.



6406LN
F92

Service Station Lock

- Deadlocking latchbolt.
- Either lever operates latchbolt.
- Pushbutton in inside lever locks outside lever. (Automatically releases when inside lever is turned, door is closed or key is rotated in outside lever, except when slotted pushbutton is rotated 90° clockwise to retain outside lever in locked position.)*
- Latchbolt operated by key in outside lever, inside lever always active.

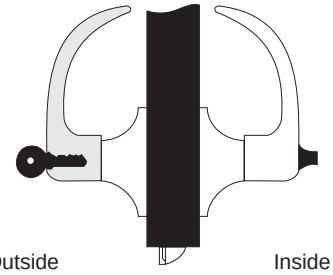


* Lever handles are Free Wheeling in locked position. Shaded area denotes Free Wheeling lever.

LOCKSET FUNCTIONS

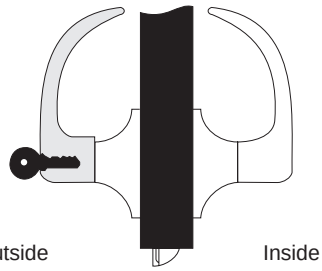
6407LN
F81/F82

Entrance or Corridor Lock
- For entrance, general home or office doors.
- Deadlocking latchbolt.
- Either lever operates latchbolt (except when outside lever is locked from inside).*
- Pushing turn button in inside lever locks outside lever, and automatically releases when inside lever is turned or key is rotated in locked outside lever.
- Outside lever may be retained in locked position by pushing and rotating turn button 90° clockwise to a horizontal position; not released until turn button is manually returned to the vertical position.
- Latchbolt is operated by key in outside lever or by rotating inside lever.
- Inside lever always active.



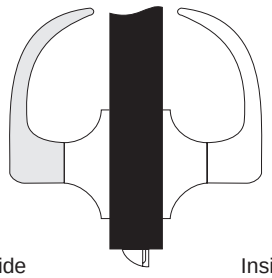
6408LN
F84

Classroom Lock
- For classroom or utility room doors.
- Deadlocking latchbolt.
- Either lever operates latchbolt (except when outside lever is locked by key).*
- Inside lever always active.
- Outside lever locked* or unlocked only by key.



6409LN
F89

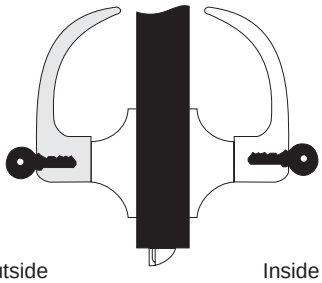
Exit Lock
- For exit doors with no-entry desired.
- Deadlocking latchbolt.
- Outside lever always locked.
- Inside lever always active.



6417LN
F88

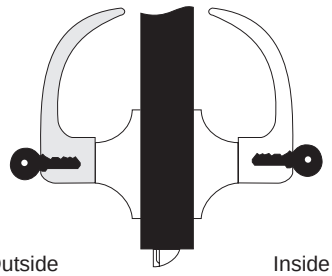
Apartment, Exit or Public Toilet Lock
- For office or apartment building entrance doors or lavatory doors.
- Deadlocking latchbolt.
- Either lever operates latchbolt (except when outside lever is locked by key from inside).*
- Key in outside lever operates latchbolt.
- Inside lever always active.

NOTE: Inside handle requires 1802S standard 6-pin cylinder.



6418LN
F110

Intruder Classroom Security Lock
- For classroom doors.
- Deadlocking latchbolt.
- Either lever operates latchbolt (except when outside lever is locked by key from either side).
- Key either inside or outside locks or unlocks outside lever.
- Inside lever always active.



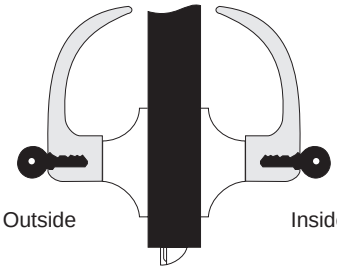
* Lever handles are Free Wheeling in locked position. Shaded area denotes Free Wheeling lever.

LOCKSET FUNCTIONS

6421LN
F80

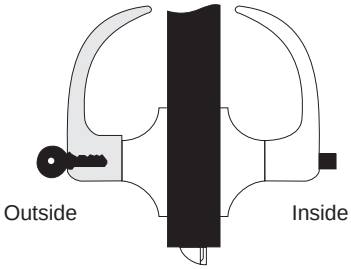
Communicating Lock
- For communicating or store entrance doors.
- Deadlocking latchbolt.
- Either lever operates latchbolt (except when key in either lever locks or unlocks the lever independently of the other).*
- Should be used only in offices or rooms with multiple entries.

(Not available with I.C. core cylinders.)



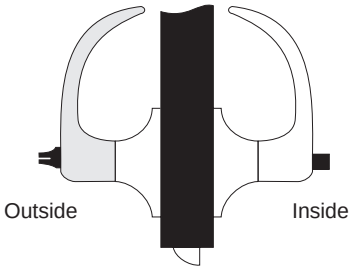
6422LN
F90

Dormitory Lock
- Deadlocking latchbolt.
- Either lever operates latchbolt (except when outside lever is locked by inside pushbutton or key in outside lever).* Inside lever always active.
- When locked by button, the button automatically releases when inside lever is turned or door is closed.
- When locked by key, the automatic release is made inoperative and must be manually unlocked by the key.*



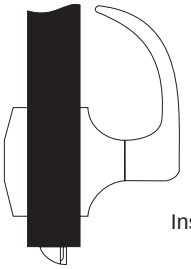
6425LN
F90

Privacy Lock
- For lavatory or other privacy doors.
- Either lever operates latchbolt (except when outside lever is locked by inside pushbutton).*
- Button automatically releases by turning inside lever or closing door.
- Door can be unlocked, when necessary, by operating outside turnbutton.
- No emergency key required.



6428LN

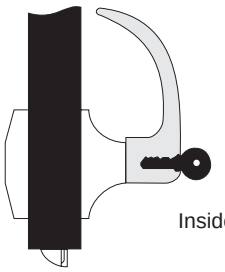
Exit Latch
- For twin communicating or exit doors where one side operation is required.
- Use where space is limited.
- Deadlocking latchbolt.
- One lever operation.
- Blank rose.
- Should be used only where rooms have more than one entrance.



6429LN

Communicating or Closet Lock
- For twin communicating or closet doors where one side operation or space between doors is limited.
- Deadlocking latchbolt.
- Inside lever operates latchbolt except when lever is locked by key.*

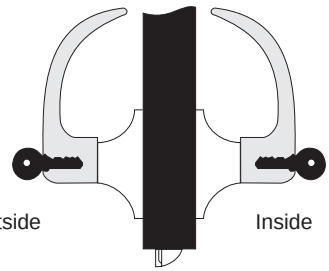
(Not available with IC core cylinders.)



6430LN
F87

Utility, Asylum or Institutional Lock
- Deadlocking latchbolt.
- Latchbolt operated by key in lever from either side.
- Both levers always locked.*

(Not available with IC core cylinders.)



* Lever handles are Free Wheeling in locked position. Shaded area denotes Free Wheeling lever.

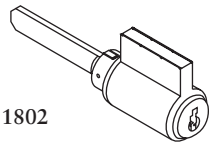
CYLINDERS

CYLINDER OPTIONS

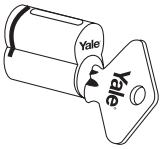
The following selection guide indicates the correct key-in-lever cylinder for each locking segment.

Lockset Series: 6400LN		Types of Cylinder Mechanisms							
		Conventional		Patented Keyway		Security		High Security	
Cylinder Types	**Fixed Core**	**6-pin**	**7-pin**	**6-pin**	**7-pin**	**6-pin**	**7-pin**	**6-pin**	**7-pin**
	Key-In-Lever	1802	1802A	K402	K402	5802	5802A	N/A	N/A
	Interchangeable Core								
	LFIC	1210	1220	K800	K800	5210	5220	N/A	N/A
	SFIC	N/A	N/A	K600	K600	N/A	N/A	N/A	N/A

Refer to Yale® KeyMark® and/or Cylinders and Keys Catalog sections for all details and how to order examples.



1802



1210

Yale KeyMark® PATENTED KEYWAY

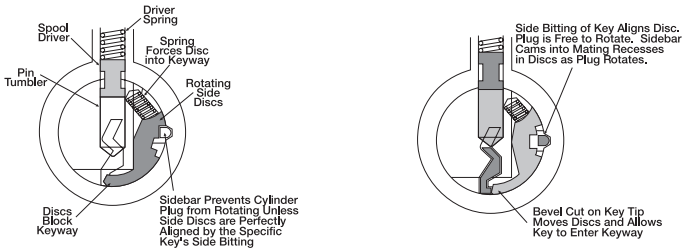
For those applications requiring patented key control, Yale's KeyMark® line of high security cylinders provides the ultimate protection against unauthorized key duplication. KeyMarks's utility-patented Security Leg® keyway features increased resistance against picking and impressioning and can easilty retrofit into existing systems. For further details and availability, refer to the separate *Yale KeyMark* catalog.

SECURITY CYLINDERS

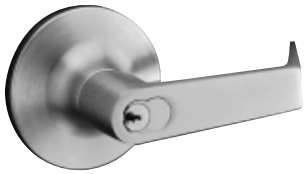
The patented Yale® Security Cylinder (Patent No. 4638651) contains two independent locking mechanisms. The first is a traditional 6 or 7-pin tumbler mechanism with spool drivers for greatly increased picking resistance.

The second is an innovative 5-tumbler rotating disc mechanism with sidebar engagement. The rotating discs are spring loaded and block the bottom of the keyway.

Illustration



LEVERS ACCEPTING COMPETITORS' INTERCHANGEABLE CORE CYLINDERS



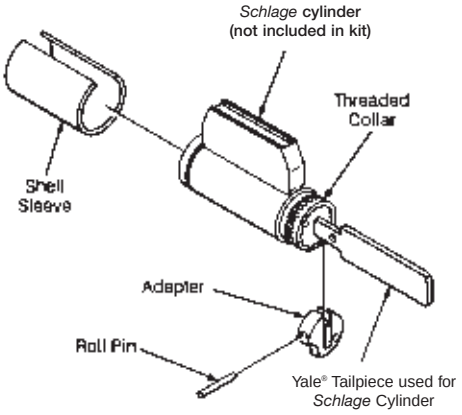
Interchangeable Core System	Prefix	Ordering Example
Best®	B (i.e. B-AU, B-PB, B-MO)	B-AU6407LN x 626
Schlage®	SI (i.e. SI-AU, SI-PB, SI-MO)	SI-AU6407LN x 626
Corbin Russwin	R (i.e. R-AU, R-PB, R-MO)	R-AU6407LN x 626
Medeco®/Assa®*	M (i.e. M-AU)	M-AU6407LN x 626

*Available in Augusta (AU) design only.

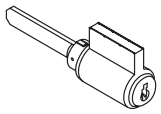
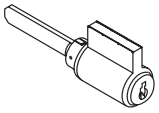
CYLINDERS

107S SCHLAGE® CYLINDER ADAPTER KIT

Used to modify Schlage® cylinder for fit in the 5400LN. P/N 14-5407-0300-048



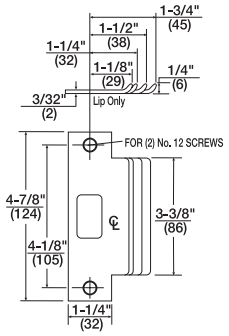
SCHLAGE® C & SARGENT® LA KEYWAY

Illustration	List Number	Number of Pins
	2802	Schlage® 6-pin C Keyway O-Bitted or Keyed Random
	3802	Sargent® 6-pin LA Keyway O-Bitted

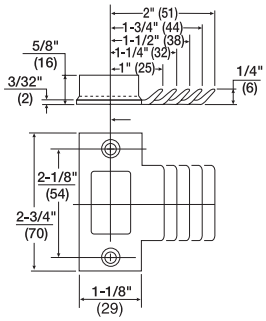
STRIKES

Yale® 6400LN locksets are supplied standard with a 497 ANSI strike.

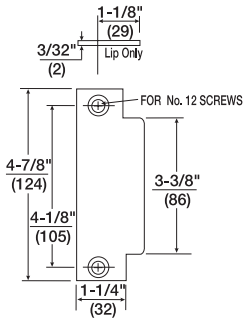
A variety of optional strikes are also available. All strikes are located on the same vertical and horizontal center lines as the latchbolt. Some strikes are available in a variety of lip lengths to accommodate varying thickness of doors and frames. To determine the proper length of the lip, measure from the center line of the strike to the edge of the jamb and add 1/4" (6mm). All strikes are reversible.



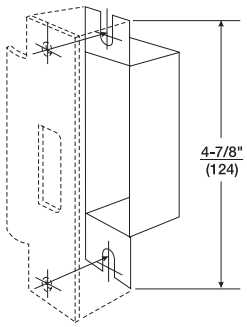
List No. 497 ANSI Strike
1-1/4" supplied standard with 5400LN. 1-1/8", 1-1/2", and 1-3/4" lip lengths available by special order. For door and frames with ANSI A115.2 preparations.



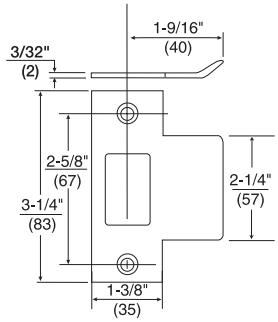
List No. 495 Strike
1-1/4" curved lip, wrought box supplied. 1", 1-1/2", 1-3/4" and 2" curved lip lengths available by special order.



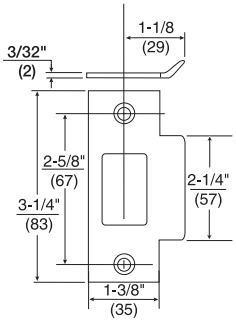
List No. 497B Blank ANSI
Strike available to special order. Installed in frame with standard ANSI A115.2 preparation to replace the strike when the lockset has been removed from the door.



List No. 202 Strike Box
Available to special order.
Specify 497 x 202.



List No. 64C Strike
1-1/8" curved lip length, available in brass and bronze.



List No. 64Y Strike
1-9/16" curved lip length, available in brass and bronze.

ATTACHING SCREWS

For List No. 495
#8-8-32 x 3/4" (19mm) Phillips flat head combination wood and machine screws. P/N 81-2012-0416

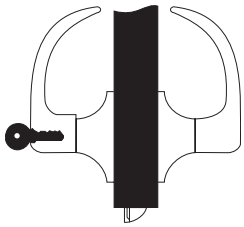
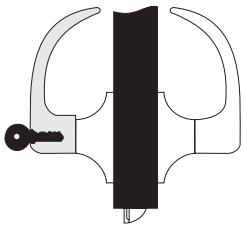
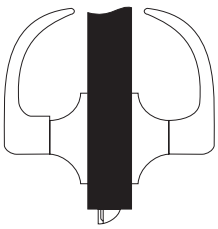
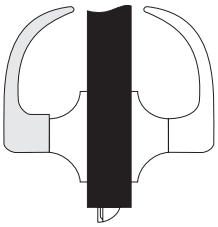
For List Nos. 497 and 497B Plate
#12-12-24 x 1" (25mm) Phillips flat head combination wood and machine screws. P/N 81-2012-0620

NOTE: When ordering strike or attaching screws individually, specify the finish required; i.e. 497 x 202 x 606.

ELECTRIFIED CYLINDRICAL LOCKSET

FEATURES

- Patented Free Wheeling lever mechanism.
- Self-contained integral solenoid (allows installation in standard door preparation) with slight modificcation for wiring.
- Available in 12 or 24 volts DC.
- External rectifier for AC operation.
- Mechanical cylinder override.
- All 6400LN cylinder options.
- UL listed.

Outside Inside	Function	Function Description
	6490LN	**Fail Safe** • Power on/locks outside lever. • Inside lever always free. • Latchbolt retracted by key when locked electrically. • Free Wheeling outside lever when locked electrically.
	6491LN	**Fail Secure** • Power on/unlocks outside lever. • Inside lever always free. • Latchbolt retracted by key when power is off. • Free Wheeling outside lever when power is off (locked).
	6480LN	**Fail Safe** • Power on/locks outside lever. • Inside lever always free. • Free Wheeling outside lever when locked electrically.
	6481LN	**Fail Secure** • Power on/unlocks outside lever. • Inside lever always free. • Free Wheeling outside lever when power is off (locked).

HOW TO ORDER

ORDERING INFORMATION

From this outline select the List Number for the Yale® 5400LN Series Cylindrical Lockset you require.

Design	Function	Strike	Cylinder	Door Thickness	Finish
See Page 3	See Pages 4-6	See Page 9	See Pages 7-8	See Page 2	See Page 2

ORDERING EXAMPLE

Quantity	Design	Function	Strike	Cylinder	Door Thickness	Finish	Hand
100	AU	6407LN	497	1802	1-3/4" (44mm)	626	RH

PACKING

Each box has a strike, paper template, combination wood and machine screws, lever release tool and easy-to-follow instructions. Allen wrench included with interchangeable cores. Cylinder functions supplied with two keys. Six shelf boxes to a case.

online literature and templates

For the latest information on Yale Commercial Lock and Hardware products, visit our website at www.yalelocks.com.

Click on the "Literature" button to find:

- Catalogs
- Parts manuals
- Templates
- Specifications
- Installation instructions

Yale® customers can click on the ebusiness symbol on the website to register for an ebusiness account to:

- Check the status of orders
- Check availability of Warehouse and Quick-Ship items
- Track your order and confirm delivery
- Receive email notification of template changes

And More...

www.yalelocks.com

Yale Commercial Locks and Hardware

Address: 1902 Airport Road, Monroe, NC 28110 USA

Tel: 1-800-438-1951 • *Fax:* 1-800-338-0965 • www.yalelocks.com

Yale-Corbin Canada Ltd.

Address: 6940 Edwards Boulevard, Mississauga, Ontario, Canada L5T 2W2

Tel: 1-800-461-3007 • *Fax:* 1-800-461-8989 • www.yalecorbin.on.ca

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