Pre-Assembled Unit Locksets UT5200 Series

Corbin Russwin™

Pre-Assembled Unit Locksets UT5200 Series

Applications

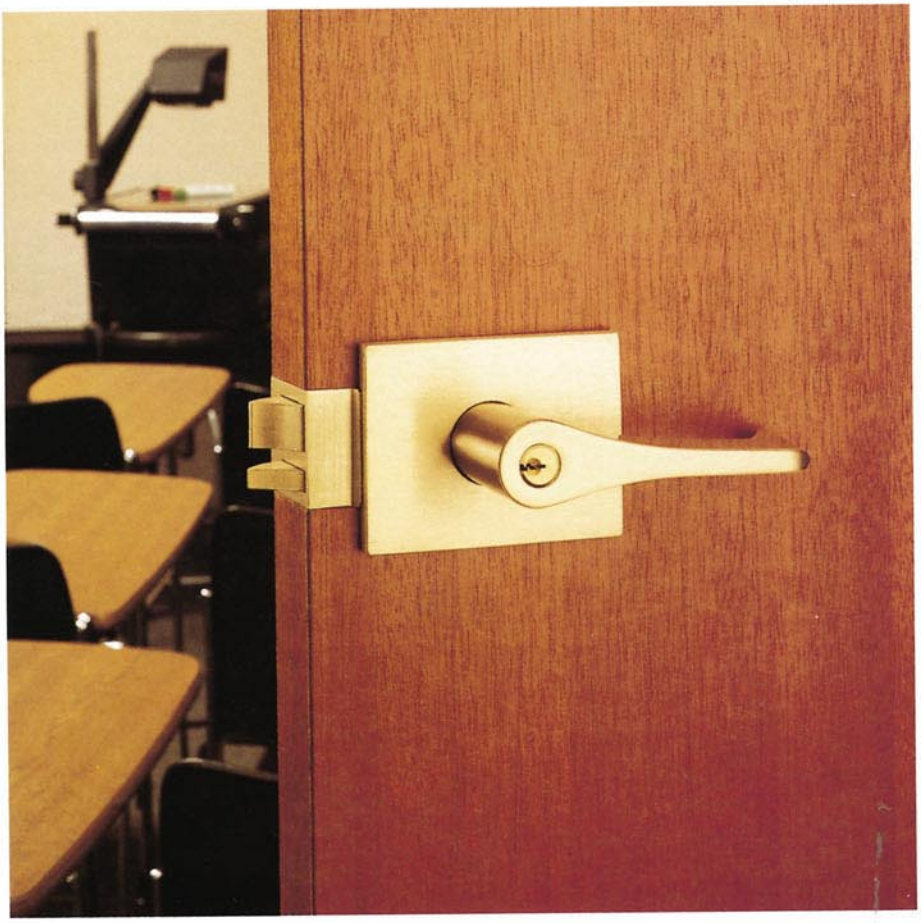
This lock has provided decades of service in some of the world's most prestigious buildings. Its pre-assembled, unitized construction is ideal for projects where installation costs are to be minimized. Typical high-traffic commercial, institutional and industrial applications include:

- Schools and universities
- Office buildings
- Hospitals
- Municipal buildings
- Historic buildings

Advantages

- Factory pre-assembled for quick, economical, one-piece installation; no job site assembly required
- ¾" radius latchbolt, designed to wedge more tightly into the strike when tampered with, while meeting all ADA force-to-latch requirements

Applications	2
Features	3
Functions	4
Trim Designs	5
Options and Accessories	6
How to Order	8
Helpful Terms	10
How to Specify	11
Finishes	15



Pre-Assembled Unit Locksets
UT5200 Series

Features

Handing
Specify hand.

Door Thickness
1¾" only.

Backset
2¾" only.

Lock Chassis
One-piece investment cast frame. Machined internal parts of steel, bronze and stainless steel. Zinc dichromated for corrosion resistance.

Front
Beveled ⅛" in 2".

Latchbolt
Brass, chrome plated, ¾" throw pivoted swinging type.

Auxiliary Latch
Deadlocks latchbolt, preventing manipulation when door is closed.

Strike
Wrought brass or bronze, ANSI strike with nylon adjusting screw, standard. 4⅞" x 1¼" x 1¼" lip to center. Optional strikes and lip lengths available; see How to Order, page 9.

Cylinder
Brass 6-pin, L4 keyway, 0-bitted standard.

Keying Features Available
Master keying
Construction master keying
Visual key control
Concealed key control
Interchangeable core (IC)
High security
High security (IC)
Master ring

Keys
Two nickel silver standard.

Warranty
One-year limited.

Certification/Compliance

ANSI
Meets A156.2 Series 2000.
Meets A117.1 Accessibility Code (lever design only).

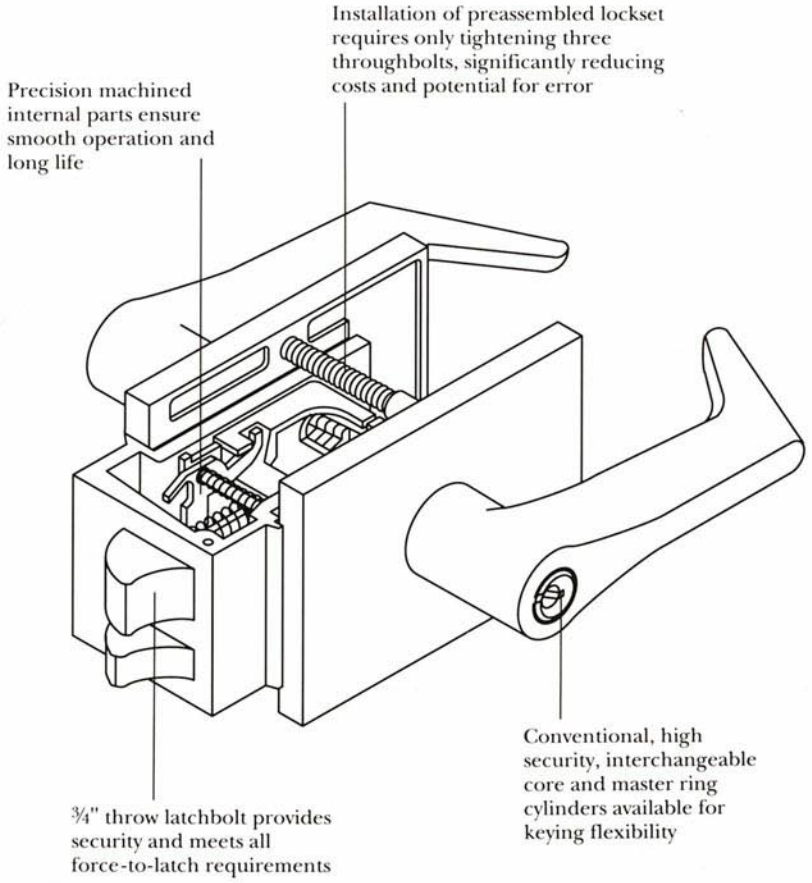
Federal
Meets FF-H-106C.

California State Reference Code
(Formerly Title 19, California State Fire Marshal Standard)
All levers with return comply; levers return to within ½" of door face.

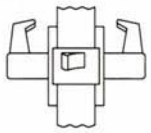
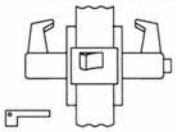
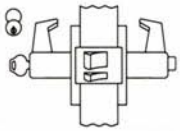
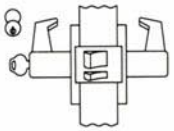
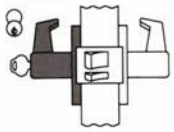
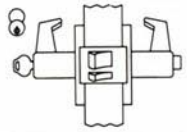
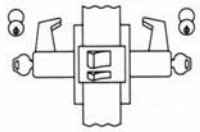
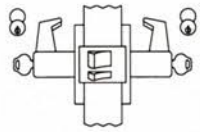
UL/ULC
All locks listed for A label and lesser class doors, single or pair, maximum door size 3'8" x 7'2".
All locksets also listed for B label doors, single or pair, maximum door size 4' x 8'.
Letter F and UL symbol on lock frame indicate listing.

Finishes

BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated



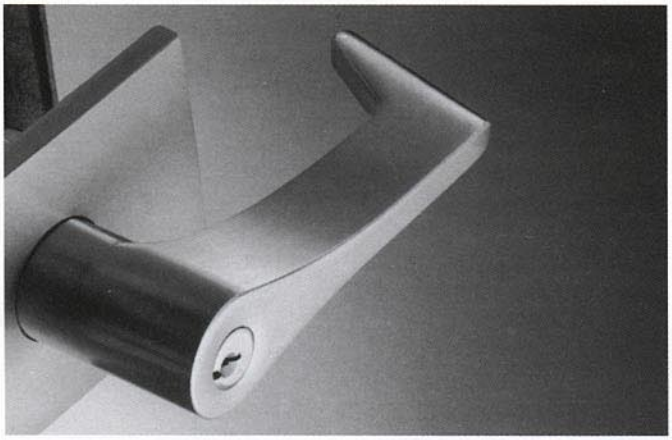
Pre-Assembled Unit Locksets
UT5200 Series

Outside	Inside	Series/ Function	Type	ANSI No. Series 2000	Function Description
		UT5210	Passage or Closet	F36	- Latchbolt by grip either side. - Both grips always free.
		UT5220	Privacy Bedroom or Bathroom	F37	- Latchbolt by grip either side. - Outside grip locked by push button. - Outside grip unlocked by emergency release tool outside, by rotating inside grip or by closing door. - Inside grip always free.
		UT5251	Entrance or Office	F40	- Deadlocking latchbolt by grip either side, except when turn button locks outside grip. - Key outside retracts latchbolt. - Outside grip unlocked by turn button. - Inside grip always free.
		UT5255	Classroom	F42	- Deadlocking latchbolt by grip either side, except when key outside locks outside grip. - Outside grip unlocked by key outside. - Inside grip always free.
		UT5257	Storeroom or Closet	F44	- Deadlocking latchbolt by key in outside grip or by rotating inside grip. - Outside grip always rigid. - Inside grip always free.
		UT5261	Entrance or Office (Levers Only)	F41	- Deadlocking latchbolt by lever either side, except when push button locks outside lever. - Push button released by turning inside lever or by key in outside lever. - Closing door does not release push button. - Inside lever always free.
		UT5272	Apartment, Exit or Public Toilet	F45	- Deadlocking latchbolt by grip either side, except when key inside locks outside grip. - Key outside retracts latchbolt. - Key inside unlocks outside grip. - Inside grip always free. - Keyed alike unless specified otherwise.
		UT5282	Store Door	F46	- Deadlocking latchbolt by grip either side, except when key either side locks both grips. - Keyed alike unless specified otherwise.

Indicates optional interchangeable core available; see How to Order, page 9.

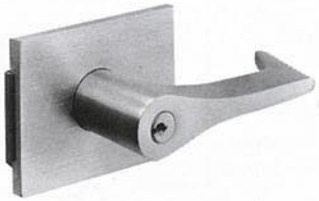
Indicates rigid grip.

Pre-Assembled Unit Locksets
UT5200 Series



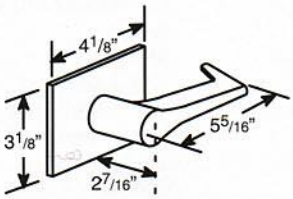
Essex

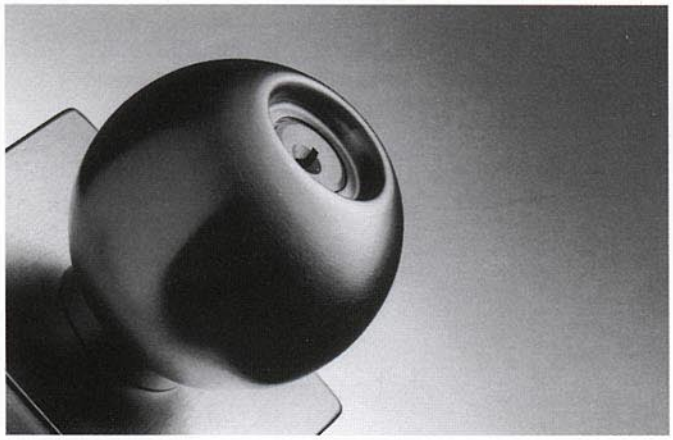
Complies with codes requiring lever to return to within ½" of door face.
Brass



ESE

Lever: Forged
Escutcheon: Forged



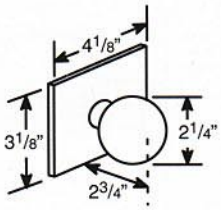


Global

Brass or Bronze

GRE

Knob: Wrought reinforced
Escutcheon: Forged

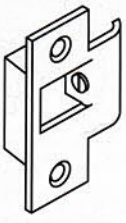


Additional knob design available. Contact authorized distributor for more information.

Pre-Assembled Unit Locksets
UT5200 Series

Strikes

ANSI Curved Lip (standard)
Brass or bronze
4⅞" x 1¼" x 1¼" lip to center
Nylon set screw to adjust clearance
No optional lip lengths
Wrought box not available
To order with lockset,
see How to Order, page 9.
To order separately, specify
236L75 x Finish.

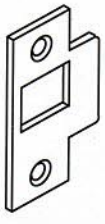


Curved Lip Box
Brass or bronze
3¼" x 1⅛" x 2⅛"
Nylon set screw to adjust clearance
Optional lip lengths (measured from back of strike to edge of lip):
2", 2¼", 2½", 2¾", 3"
To order with lockset,
see How to Order, page 9.
To order separately, specify
83L96 x Lip Length x Finish.

ANSI Straight Lip For Extended Lip Escutcheon
Brass or bronze
4⅞" x 1¼" x 15/16" lip to center
Nylon set screw to adjust clearance
Furnished standard with Extended Lip Escutcheon option.
To order separately, specify
610L43 x Finish.

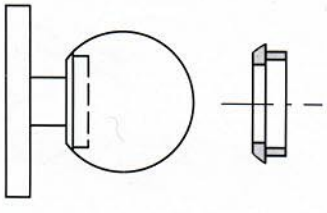
For Extended Lip Escutcheon
Brass or bronze
3¼" x 1⅛" x 15/16" lip to center
Nylon set screw to adjust clearance
To order with lockset,
see How to Order, page 9.
To order separately, specify
293L14 x Finish.

ANSI Straight Lip For Pairs of Doors
Brass or bronze
4⅞" x 1¼" x 1 13/16"
Non-adjustable
To order with lockset,
see How to Order, page 9.
To order separately, specify
610L44 x Finish.



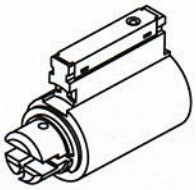
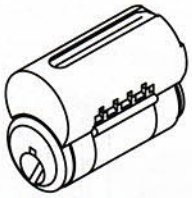
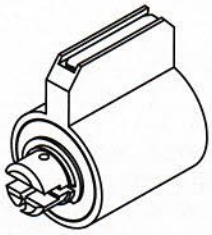
For Pairs of Doors
Brass or bronze
3¼" x 1 1/16" x 1 13/16" non-adjustable
To order with lockset,
see How to Order, page 9.
To order separately,
specify 82L67 x Finish.

Delrin Insert
Global design available with black Delrin insert at base of knob.
To order with lockset, see How to Order, page 9.
To order separately, specify 493F99-9.



Pre-Assembled Unit Locksets
UT5200 Series

Cylinders

	Standard Cylinder .552" plug diameter Brass, 6-pin 2 nickel silver keys Finishes: 606, 626	Interchangeable Core .509" plug diameter conventional .552" plug diameter high security Brass, 6-pin 2 nickel silver keys Finishes: 612, 613, 625, 626	Master Ring Cylinder .552" plug diameter Brass, 6-pin 2 nickel silver keys Finishes: 606, 626
Conventional 6-Pin	2000-052	8000	2060-052
Conventional 7-Pin	N/A	8000-7	N/A
High Security	2010-052	8010	N/A

To order optional cylinder with lockset, see How to Order, page 9.
To order cylinder separately, specify Part No. x Keyway x Finish (e.g., 2000-052 x L4 x 626).

Pre-Assembled Unit Locksets
UT5200 Series

Ordering Examples

Stock Order

Quantity	Series/Function	Trim	Finish	Hand
100	**UT5251**	**GRE**	**626**	**RH**

Split Finish Order

Quantity	Series/Function	Trim	Finish		Hand
			Outside	Inside	
12	**UT5251**	**GRE**	**626**	**625**	**RH**

Contract/Detailed Order

Quantity	Keyset	Series/Function	Trim	Finish	Hand	Optional Strike	Misc. Options	Optional Cylinder	Keying
24	**AA1**	**UT5251**	**GRE**	**626**	**RHR**	**SC200**	**M21**	**MR**	**VKC3**

Where to find ordering information and quick codes

Series/Functions	Page 4
Trim Designs	Page 5
Finish	Page 9
Handing	Page 9
Strike	Page 9
Miscellaneous Options	Page 9
Cylinder and Keying	Page 9

Pre-Assembled Unit Locksets
UT5200 Series Quick Codes

Finish

Description	Specify
US10 Satin Bronze	612
US10B Dark Oxidized Satin Bronze, oil rubbed	613
US26 Bright Chromium Plated	625
US26D Satin Chromium Plated	626

Cylinder and Keying

Description	Specify
Conventional 6-pin	(standard)
Less cylinder(s)	LC
High security	HS
High security IC	CHS
IC 6-pin	C6
IC 6-pin with temporary construction core	CT6
IC 6-pin less core	CL6
IC 7-pin (ESE trim only)	C7
IC 7-pin with temporary construction core (ESE trim only)	CT7
IC 7-pin less core (ESE trim only)	CL7
Master ring	MR
0-bitted with 2 blank keys	(standard)
Keyed random	KR
Construction master keyed	CMK
Visual key control (VKC)	
- Keys only	VKC1
- Cylinders and keys (not for HS or CHS)	VKC2
- Cylinders only (not for HS or CHS)	VKC3
Concealed key control (CKC)	
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only	CKC3
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY6)

Strikes

Lip Length	ANSI Curved Lip Specify	Curved Lip Box* Specify
1¼"	(standard)	N/A
2"	N/A	SC200
2⅛"	N/A	SC218
2¼"	N/A	SC214
2½"	N/A	SC212
2¾"	N/A	SC234
3"	N/A	SC300

Lip Length	ANSI* Straight Lip For Door Pair Specify	For Door Pair* Specify
1 13/16"	SA136	SP136

Lip Length	ANSI Straight Lip For Extended Lip Escutcheon	For Extended Lip Escutcheon
15/16"	Standard when extended lip escutcheon option is specified	SX156

*Lip is measured from back of strike

Handing

Hand	Specify
Right Hand	RH
Left Hand	LH
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Miscellaneous Options

Description	Specify
Delrin insert	M01
Spanner head screws	M02
Lever to accept Best-type core	M08
Knob to accept Best-type core	M10
Extended lip escutcheon (for single door reverse bevel; 630 finish to match 626 only)	M11
Knurling outside and inside	M20
Knurling outside only	M21
Knurling inside only	M22
Abrasive coat outside and inside	M23
Abrasive coat inside only	M24
Abrasive coat outside only	M25
Lead-lined escutcheon (inside only)	M28
Unstaked lever retainer	M33

Pre-Assembled Unit Locksets
UT5200 Series

Abrasive Coat
Hard granular material applied to a knob or lever to provide a non-slip tactile surface for the visually impaired.

Auxiliary Latchbolt
A supplementary latch which, when the door is closed, automatically deadlocks the latchbolt. Protects the latchbolt from forced retraction or "credit carding."

Backset
The distance from the front of the lock to the centerline of the cylinder or knob/lever hub.

Bevel
The angle of the edge of a door in relation to the inside and outside surfaces of the stile. The most common bevel for commercial doors is ⅛" in 2".

Box Strike
A strike equipped with an enclosure behind the hole(s) for the latchbolt and/or deadbolt. Protects the strike area from mortar and cement.

Chassis
The housing of a lockset, containing most of the working parts.

Curved Lip Strike
A strike with the lip curved to conform to the detail of the door frame.

Front
The part of a lock visible on the edge of a door.

Hand
The direction a door swings.

Knurling
A permanently applied tactile warning engraved in the metal of a knob or lever to warn the visually impaired of dangerous conditions on the other side of the door.

Latchbolt
A lock component having a beveled end that projects from the lock front but may be forced back into the lockcase by end pressure or drawn back by action of the retractor. When the door is closed, the latchbolt projects into a hole provided in the strike, holding the door in the closed position.

Lead Lined
Pertains to a lockset whose trim has a lining of lead to prevent the passage of radiation. Generally used in hospital applications.

Lip of Strike
The projecting part of a strike which first engages the latch; may be curved or straight.

Return
The part of a lever handle which angles or turns back toward the face of the door. Also, the distance between the end of the return of the lever and the surface of the door.

Strike
A metal plate that is pierced or recessed to receive the deadbolt or latchbolt of a lock (sometimes called a keeper).

Throw
The distance that a lock's deadbolt or latchbolt projects when in the locked position. The effective throw is the distance that a latchbolt projects when deadlocked.

Wrought Strike Box
A metal box mounted behind the strike to protect the strike opening from mortar or cement.

Keying and Cylinder Terms

Concealed Key Control (CKC)
The marking of standard key symbols on a cylinder in a location which is not visible once the cylinder is installed.

Construction Core
An interchangeable core for temporary use during construction. It is replaced by the permanent core when construction personnel no longer need access.

Construction Master Keying (CMK)
A cylinder preparation which allows temporary access by construction personnel.

Control Key
A key used to remove and install interchangeable cores.

Cylinder
A lock component containing the combination which determines which keys will operate.

Interchangeable Core (IC)
A cylinder which can be removed and installed quickly with a control key by non-skilled personnel when rekeying is required.

Key Section
The cross-section of a key blade, as viewed from bow to tip.

Key Symbol
A letter/number combination in standard industry format (e.g., 1AA, AA1, etc.) which indicates exactly how a key or cylinder fits into a keying system.

Keyway
The opening in a cylinder plug through which the key enters.

Master Keying
Preparation of a cylinder to operate with keys of different levels of access.

Master Ring Cylinder
A cylinder which offers a wider range of keying.

Visual Key Control (VKC)
The marking of standard key symbols on keys and on the visible portion of the front of a cylinder.

Pre-Assembled Unit Locksets
UT5200 Series

Suggested Specification

All locksets shall be UT5200 Series Pre-Assembled Unit Locksets, as manufactured by Corbin Russwin Architectural Hardware, Berlin, Connecticut, USA.

Locksets shall be the unit type, completely pre-assembled at the factory, requiring no dis-assembly to install on the door. Knobs/levers and escutcheons shall be part of the pre-assembled lockset.

The lock frame, knobs, levers, escutcheons and bolts shall be made from non-ferrous metals. Escutcheons shall be forged brass, 5/16" thick, and when installed on specified reverse bevel doors shall be the extended lip type to provide additional security. The latchbolt shall be extruded brass, pivoted swinging type with 3/4" throw. The cylinder shall be universal with a horizontal keyway to assure correct orientation. Conventional, high security, interchangeable core and master ring cylinders shall be available.

Lever handle designs shall return to within 1/2" of door surface.

All locksets shall be listed by Underwriters Laboratories for A label and lesser class doors, single or pair, maximum door size 3'8" x 7'2". All locksets shall also be UL listed for B label doors, single or pair, maximum door size 4' x 8'.

Certification:
Federal Specification FF-H-106C
ANSI A156.2 Series 2000
ANSI A117.1 Accessibility Code (lever handle trim)
California State Reference Code, 1989 (formerly Title 19, California State Fire Marshal Standard) (lever handle trim)

All locks, trim and cylinders shall be from one manufacturer.

All locksets shall carry a one-year limited warranty.

Notes

Pre-Assembled Unit Locksets
UT5200 Series

Notes

Pre-Assembled Unit Locksets
UT5200 Series

612 Satin Bronze (US10)

613 Dark Oxidized Satin Bronze, oil rubbed (US10B)

625 Polished Chrome (US26)

626 Satin Chrome (US26D)

Note: Printed color may vary slightly from actual finish.

These materials are protected under US copyright laws. All contents current at time of publication. Yale Security Inc. reserves the right to change availability of any item in this catalog, its design, construction and/or its materials.

For more information regarding Corbin Russwin Locksets, Exit Devices, Door Controls and Key Systems, contact your authorized Corbin Russwin Distributor or Sales Representative.

Corbin Russwin™

In U.S.:
Corbin Russwin Inc.
1902 Airport Road
Monroe, NC 28110
Phone 800-543-3658 Fax 800-447-6714
www.yalesecurity.com

In Canada:
Corbin Russwin Canada
6940 Edwards Blvd.
Mississauga, Ontario L5T 2W2
Phone 800-461-3007 / 905-564-5854
Fax 800-461-8989 / 905-564-8182
www.yalecorbin.on.ca

#45090-C-3.0-5/00U