

CL3100 Series

Vandal Resistant Lever Locksets



ASSA ABLOY, the global leader
in door opening solutions



Overview

CL3100

Table of Contents

Overview	2
Features	3
Functions	5
Trim Designs	7
Options and Accessories	8
How to Order	11
Quick Codes	12
How to Specify	14

www.corbinrusswin.com

Quality

The CL3100 series is a Grade 1 lever lockset manufactured with the highest quality materials to ensure strength, durability and quiet operation. Available in all standard architectural finishes, the CL3100 series subtly complements any high-use commercial, industrial and institutional application.

T-Zone Construction

Direct linkage with fixed alignment between the hub and the latchbolt is the best construction for quietly and effectively operating the latchbolt. For this reason, Corbin Russwin interlocks the aligning and latch tubes, which form a rugged torque resistant "T" in the critical twist area. This "T-Zone" construction, combined with long lasting components, makes T-Zone Lever locks outstanding!

Vandal Resistance

The Corbin Russwin CL3100 Series* follows a higher standard for Grade 1 bored locks. The unique T-Zone construction provides strength and durability by true interlocking between the lockbody and the latch far exceeding the ANSI/BHMA A156.2 Series 4000 Grade 1 standards.

Applications

- High traffic areas
- Offices
- Public buildings
- Hospitals
- Institutions
- Educational facilities – K-12 and Universities
- Retail

Key Advantages

- Several security key systems available (Access 3®, Pyramid, etc.)
- Fits most standard door preps
- Only 45 degrees of lever rotation required to retract latchbolt
- 18 functions. Many of which are easily field changeable
- 3 levers and 4 roses available to cover a wide variety of door preps and design requirements
- Simple cylinder removal. Easy change outs.
- T-Zone construction tested to over 15 million cycles, exceeding ANSI/BHMA Grade 1 standards by 15 times.

* U.S. Patent No. 6,626,018



MicroShield®

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silverbased antimicrobial coating designed to inhibit the growth of bacteria.

MicroShield® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.

Features

Handing

Non-handed

Door Thickness

1-3/4" (44mm) - 2" (51mm) standard.
Optional: Over 2" (51mm) - 2-1/4" (57mm); see Quick Codes, page 12.

Door Prep

ANSI/BHMA A156.115 (161)

Lock Chassis

Steel, zinc dichromated for corrosion resistance.

Backset

2-3/4" (70mm) standard.
Optional: 3-3/4" (95mm) and 5" (127mm); see Quick Codes, page 12.

Bearing Assembly

Cast and machined stainless steel

Latchbolt

Stainless steel bolt 7/8" (22mm) diameter x 1/2" (13mm) throw.
Optional: 3/4" (19mm) throw fire latch.

Front

Wrought brass or stainless steel,
2-1/4" (57mm) x 1-1/8" (29mm).
Accommodates flat front doors and doors beveled 1/8" (3mm) in 2" (51mm).

Strike

Wrought brass or stainless steel ANSI curved lip standard, 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/4" (32mm) lip to center.
Optional: strikes, lip lengths and ANSI wrought strike box available.
See Quick Codes, page 12-13.

Levers

Secured with 6 lobe security set screw standard

Roses

Brass

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)
Security
Security IC (not available with CL3129)
Access 3® IC (not available with CL3129)
Pyramid (not available with CL3129)
Pyramid IC (not available with CL3129)

Keys

Two nickel silver standard.

Warranty

Ten-year limited.

Classroom Security

The CL3152 Classroom Intruder function is the solution to classroom security: a double cylinder lockset that allows locking of the outside lever from either side. Egress is always possible with the standard anti-panic feature, whether the door is locked or not. And because a key is needed to secure the door from either side, students cannot lock a teacher out of the classroom.



Sound Transmission Class Rated Product (M112)

Corbin Russwin CL3100 Series Lever Locks are part of the STC Acoustical Door Systems from ASSA ABLOY Group brand Security Metal Products (SMP). The STC Acoustical Door Systems are the perfect choice for any room where sound transmission needs to be kept to a minimum. This solution encompasses door, frame, sounds seals and threshold, and lock. All door systems use standard locks. The STC55 requires a special version of the CL3100 Lever Lock. To order the CL3100 Series Lever Lock for use with STC55 door system, include the M112 quick code in the order string and specify the C or K rose only. With this prefix, it will be configured for use with the Acoustical Door System. Functions are limited. See the M16 Option for available functions.

To learn more about SMP and the STC 55 Acoustical Door System, please visit www.secmet.com

Certification/Compliance

ANSI/BHMA

Exceeds A156.2 Series 4000, Grade 1.
Meets A117.1 Accessibility Code.



Federal

Meets FF-H-106C.

California State Reference Code

(Formerly Title 19, California State Fire Marshal Standard)

All levers with returns comply; levers return to within 1/2" (13mm) of door face.

UL-cUL

UL and cUL listed to Canadian Safety Standards
Listed for 3 Hour Doors

All locks with 1/2" (13mm) throw latchbolt listed for A label and lesser class 4' x 10' single doors. All locks with 3/4" (19mm) throw latchbolt listed for A label and lesser class 8' x 10' pairs of doors. Letter F and UL symbol on latch front indicate listing.

Any retrofit or other field modification to a fire-rated opening can potentially impact the fire-rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

A.D.A.

All levers conform to ADA requirements for barrier-free accessibility.



Windstorm

UL Listed: ANSI/SDI-BHMA A250.13;ANSI/ASTM E330-2002
ANSI/ASTM 31886-2005 & ASTM 31996-1009
UL Certification Directory ZHEM.R21744 Latching Hardware
Listed on Florida Building Code Website: FL4351-R1

Features

CL3100

Finishes

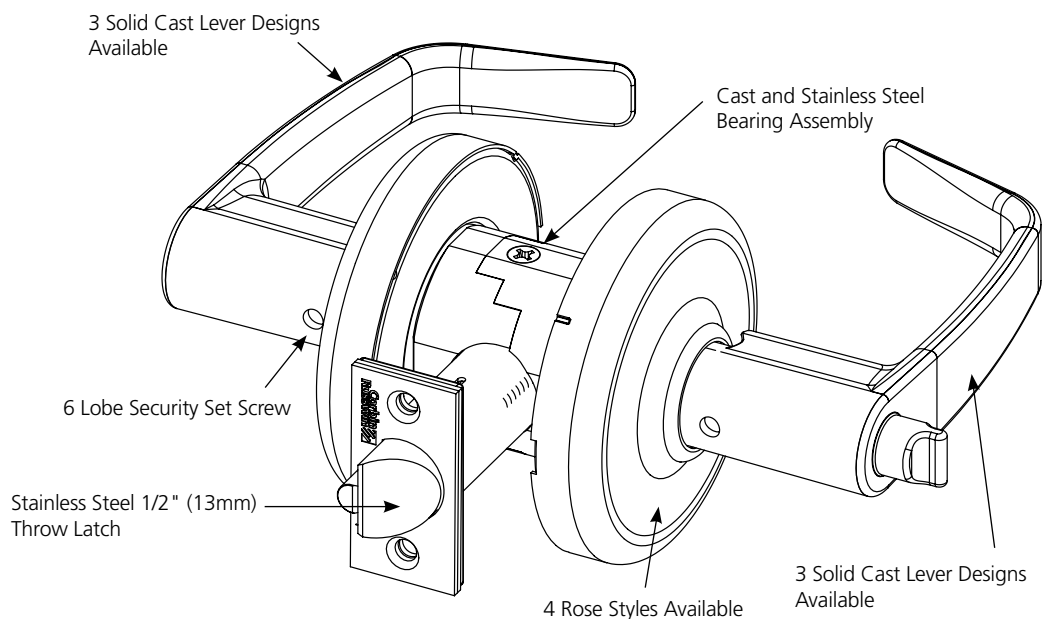
ANSI/BHMA 605 (US3)	Bright Brass
ANSI/BHMA 606 (US4)	Satin Brass
ANSI/BHMA 611 (US9)	Bright Bronze
ANSI/BHMA 612 (US10)	Satin Bronze
ANSI/BHMA 613 (US10B)	Dark Oxidized Satin Bronze, Oil Rubbed
613E	Dark Oxidized Satin Bronze - equivalent
613L	Dark Oxidized Satin Bronze, Clear Coated
ANSI/BHMA 618 (US14)	Bright Nickel Plated
ANSI/BHMA 619 (US15)	Satin Nickel Plated
619C	Satin Nickel Plated with MicroShield®
ANSI/BHMA 625 (US26)	Bright Chromium Plated
ANSI/BHMA 626 (US26D)	Satin Chromium Plated
626C	Satin Chromium Plated with MicroShield®
ANSI/BHMA 722 (US10A)	Black Oxidized Bronze, Oil Rubbed

Zinc levers are plated to match BHMA finish.

MicroShield®

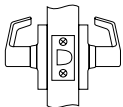
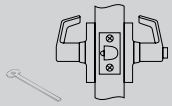
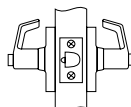
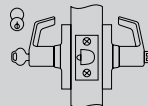
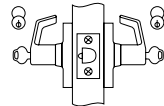
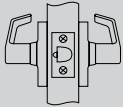

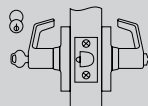
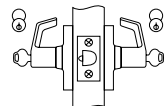
CL3100 series locks are available with MicroShield® antimicrobial coating. *MicroShield* is a revolutionary hardware finish coating, using a silver ion based technology, which inhibits the growth of bacteria, algae, yeast, fungus, mold and mildew. *MicroShield* is non-toxic and lasts for the lifetime of the finish to which it is applied. To order, suffix option code "YMS".


Note: MicroShield® coating may vary finish color from architectural standards. *MicroShield* is not intended as a substitute for traditional infection control programs such as hand hygiene or use of disinfectants. Coated product must still be cleaned to insure the surfaces will be free of destructive microbes. Corbin Russwin makes no representations or warranties, express or implied, as to the efficacy of the *MicroShield* antimicrobial.



Functions

CL3100

Outside	Inside	Series/ Function	Type	ANSI No.	Function Description
		CL3110	Passage or Closet	F75	<ul style="list-style-type: none"> Latchbolt by lever either side. Both levers always free.
		CL3120	Privacy, Bedroom or Bathroom	F76A	<ul style="list-style-type: none"> Throw-off latchbolt by lever. Outside lever locked by push button on inside lever. Outside lever unlocked by emergency release tool outside, by rotating inside lever or by closing door. Inside lever always free.
		CL3120H	Hospital Privacy	—	<ul style="list-style-type: none"> Outside lever locked by push button on inside lever. Outside lever unlocked by rotating thumbturn on outside lever and releasing inside push button. Rotating inside lever or closing door also unlocks outside lever.
		CL3129	Hotel or Motel	F93	<ul style="list-style-type: none"> Deadlocking latchbolt by lever inside or by key outside. Push button shuts out all keys except emergency key, and projects occupancy indicator in face of cylinder. Push button released by turning inside lever. Outside lever always locked. Inside lever always free. Not available with other manufacturers keyways Pushbutton will not depress unless door is in closed position Lockout key fixes pushbutton in locked position, shutting out all keys except emergency key. Lockout key ordered separately.
		CL3132	Institutional or Utility	F87	<ul style="list-style-type: none"> Deadlocking latchbolt by key either side. Should be used only in office or room with multiple entries.
		CL3140NT	Exit Latch	F89	<ul style="list-style-type: none"> Deadlocking latchbolt by lever inside. Outside lever always locked. Inside lever always free.
		CL3150	Half Dummy Trim	—	<ul style="list-style-type: none"> Lever acts as pull only; no operation. Lever is rigid.
		CL3151	Entrance or Office	F81	<ul style="list-style-type: none"> Deadlocking latchbolt by lever either side, except when turn button locks outside. Turning button locks outside lever, requiring key at all times. Turning inside lever does not unlock outside lever until button is manually turned to unlocked position. Inside lever always free.
		CL3152	Classroom Intruder	—	<ul style="list-style-type: none"> Deadlocking latchbolt by inside lever or outside lever except when key inside or outside locks outside lever. Key in either lever locks or unlocks the outside lever except when inside locks the outside lever - then only the inside key can unlock the outside lever. The outside key only retracts the latchbolt unless the outside lever is unlocked by the inside key. Inside lever always free.

 Indicates optional interchangeable core available; see Quick Codes, page 12.

Trim Designs

CL3100

Levers



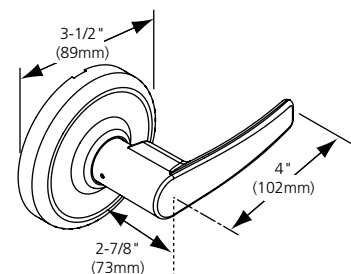
Armstrong

Complies with codes requiring lever to return to within 1/2" (13mm) of door face.

AZD, AZC, AZE, or AZK

Lever: Die cast zinc

Rose: Brass



AZD

AZD shown



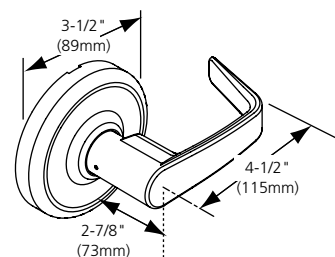
Newport

Complies with codes requiring lever to return to within 1/2" (13mm) of door face.

NZD, NZC, NZE, or NZK

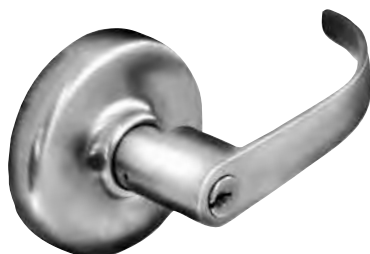
Lever: Die cast zinc

Rose: Brass



NZD

NZD shown



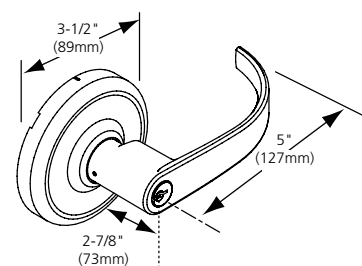
Princeton

Complies with codes requiring lever to return to within 1/2" (13mm) of door face.

PZD, PZC, PZE, or PZK

Lever: Die cast zinc

Rose: Brass



PZD

PZD shown

Roses

D Rose (standard)
3-1/2" Dia.
Brass



C Rose
2-3/4" Dia.
Brass



E Rose
3-1/8" Sq.
Brass



K Rose
2-3/4" Dia.
Brass



Quick Codes

CL3100

Door Thickness

Door Thickness	Specify
1-3/4" (44mm) - 2" (51mm)	(standard)
Over 2" (51mm) - up to 2 1/4" (57mm)	D214

Backset

Description	Specify
2-3/4" (70mm)	(standard)
3-3/4" (95mm)	B334
5" (127mm)	B500

Miscellaneous Options

Description	Specify
Spanner head screws	M02
Torx® head screws	M04
Less cylinder, with tailpiece for Schlage® cylinder	M06*
Lever to accept SFIC 6 or 7-pin interchangeable core	M08*
Lever to accept Sargent® cylinder	M09*
3/4" (19mm) throw fire latch	M16
ANSI wrought strike box	M17
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 lining (roses)	M28
Lever to accept Schlage® LFIC	M69*
Security Lever	M111
STC 55 Door Kit	M112

*Not available in CL3129 functions