

CL3100 Series Lever Lock

Frequently Asked Questions



Flexible – Strong – Durable

1. Why does Corbin Russwin call this “T-Zone” technology construction?

The bearing assembly and latch interlocks forming a rugged torque-resistant “T” in the critical twist area of the lock. This direct linkage between the bearing assembly and latchbolt is the best construction for strength, and effectively operates the latchbolt.



2. How is the CL3100 Series superior to other Grade 1 bored locks?

The Corbin Russwin CL3100 Series far exceeds the ANSI/ BHMA A156.2 Grade 1 standard for cycle testing with virtually no lever sag after 15 million cycles! Besides demonstrating the lock’s durability, this eliminates the need for routine maintenance or repair.

The CL3100 Series also withstands more than 2 times the ANSI/ BHMA A156.2 Grade 1 torque resistance requirements, resisting over 3,000 in/lbs of excessive force.

3. Which Corbin Russwin key systems are available for CL3100 Series?

The CL3100 Series is available with the following Corbin Russwin key systems: standard, interchangeable core, Security, and Pyramid.

4. Can competitor’s key systems be used in this lock?

The CL3100 Series integrates into many existing facilities’ key systems. Available options include accepting Small Format Interchangeable Cores (SFIC) and Schlage® Large Format Interchangeable Cores (LFIC). This allows end-users to easily incorporate the CL3100 Series without the need for a separate key system.

5. How does the CL3100 Series help maintain security in a facility?

The CL3100 Series offers a security lever catch feature (M111) for high vandalism applications. The security lever catch feature holds the CL3100 Series levers on with a threaded Torx® set screw rather than a spring loaded part. Having this threaded set screw feature is helpful in applications where the lever might be subject to vandal attacks. Spanner screws are also available for higher security applications. The CL3100 Series is also designed to fail in a way that does not allow access.

6. Why is the CL3100 Series particularly appropriate for schools and classrooms?

The CL3100 Series classroom security function provides the ultimate security and safety for teachers and students. A key is needed to lock either lever so students can’t lock the teacher out. In a lock-down situation, the teacher doesn’t need to open the door to lock the outside lever. There is also a visual indicator on the inside lever to indicate locking direction and reduce confusion during an emergency situation. Finally, the superior strength of this lock withstands whatever abuse students give it.

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7. What features does the CL3100 Series offer?

- Fits standard 161 door prep
- Fewer parts for easier installation
- Only 45 degrees of lever rotation required to retract latchbolt
- 18 functions available; easily changeable in the field
- 4 roses available to cover a wide variety of door preps and design requirements
- Simple cylinder removal and easy change outs
- Non-handed
- Available in 2-3/4", 3-3/4" and 5" backsets

8. For what applications are the CL3100 Series locks recommended?

The CL3100 Series was designed for high traffic and high abuse applications like schools, universities, office buildings, public buildings and healthcare facilities, including:

- Classrooms • Office entries • Locker rooms • Dormitories
- Restrooms • Waiting rooms • Youth center doors • Apartment doors

9. What is the CL3100 Series warranty?

The CL3100 Series has a 10-year warranty and no service is required to maintain the warranty.

For additional information, contact your ASSA ABLOY Door Security Solutions sales consultant or visit www.corbinrusswin.com.

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