

Maintain design flow with concealed closers

For a long time, architects tended to view door closers as a necessary door component that interrupted the design flow of a room.

But that all changed with the introduction of concealed door closers.

Gone are the days when the only option was an unsightly surface mounted door closer. Now, a closer can be evaluated by how it looks relative to the entire door assembly. The closing mechanism can be concealed and the cover chosen to match the exit device.

LCN offers a variety of options for concealed door closers—all of which are:

- ADA-compliant
- UL- and/or cUL-listed
- ANSI-certified
- Available in numerous finishes and arm or track functions that meet virtually all architectural requirements

Mechanical

For Narrow Frame

Heavy-duty closers (for interior and exterior doors) designed to fit in a narrow, minimum 1 3/4" aluminum transom

LCN 5030 SERIES

- Heavy-duty cast iron cylinder
- Double lever arm provides superior door control
- Exposed arm on push side of door

LCN 2030 SERIES

- Heavy-duty cast iron cylinder
- Single lever arm and roller assembly provides smooth, quiet door control
- Concealed arm and track in a door top rail

LCN 6030 SERIES

- Double acting, heavy-duty cast iron cylinder in a cased frame allows the door to travel both directions
- Single lever arm and roller assembly provides smooth, quiet door control
- Concealed arm and track in a door top rail



For standard frame

Heavy-duty closers (for interior and exterior doors) designed to fit in standard hollow metal frame and wide style aluminum frames (4" x 4" tube)

LCN 2010 SERIES

- Single lever arm and roller assembly provides smooth, quiet door control
- Heavy duty cast iron cylinder
- Concealed arm and track in a door top rail

LCN 5010 SERIES

- Designed for institutional, high-traffic areas, or applications exposed to weather or abuse
- Heavy duty cast iron cylinder
- Double lever arm provides superior door control
- Exposed arm on push side of door



ALLEGION™

LCN 2210 SERIES

- Single lever arm and heavy steel mounting plate are designed for correctional, vandal prone, institutional and other high-traffic applications
- Special components minimize tampering and vandalism
- Choice of finishes and cylinder functions meet correctional and vandal resistant requirements
- Optional Door Position Switch (DPS) that signals when door is closed

For inside door

Designed to mount in a 1 3/4" interior door

LCN 3130 SERIES

- Single lever arm and roller assembly provides complete concealment
- Cylinder and standard arm concealed in top rail of door
- Track is concealed in the head frame
- Concealed track in head frame



LCN 3030 SERIES

- Double lever arm provides superior door control
- Cylinder is mounted in the top rail of door
- Exposed arm on hinge side of door

Automatic operators

LCN 2600 SERIES Auto Equalizer (Hydro Pneumatic)

Designed primarily for manual openings that require occasional push button automatic opening

- Pneumatically powered operator provides easy access
- Concealed in the head of the frame to minimize its impact on design
- Remotely located compressor to make operators virtually silent

LCN 2800 SERIES Senior Swing (Electromechanical)

Designed primarily for automatic opening applications that occasionally require manual opening

- All control and power elements in a single operator package
- Suitable for use on single leaf doors or pair of doors
- Operator becomes the head frame to minimize its impact on design





ALLEGION™

The finishing touch

LCN door closers are available in six main colors and 150+ powder coat finishes. Seven plated finishes are also available.

Standard Powder Coat Colors

- Aluminum
- Dark Bronze
- Statuary Bronze
- Light Bronze
- Black
- Brass

Note: The LCN 2800 Series is only available in Anodized Aluminum and Anodized Dark Bronze since the covers are extruded Aluminum.

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