

# 4810 Series



The 4810 Auto Equalizer™ is LCN’s pneumatically powered multi-door solution. This low-energy automatic operator provides easy access for people with disabilities, or the elderly. Designed primarily for manual opening applications that occasionally require automatic opening.

## Features

<b>Certifications</b>	ADA, 100 Hour Salt Spray, Meets BAA - Buy American Act	<b>Cover</b>	Metal Cover (MC)
<b>Body construction</b>	<ul style="list-style-type: none"> <li>Cast iron body</li> <li>Full complement bearing</li> <li>1 1/2" diameter piston</li> <li>3/4" diameter double heat treated pinion journal</li> </ul>	<b>Fasteners</b>	Wood and Machine Screws (WMS)
<b>Fluid</b>	All weather fluid	<b>Mounting</b>	Top jamb (pull side)
<b>Handing</b>	Non-handed	<b>Arms</b>	Single lever arm with standard track
<b>Size</b>	Adjustable spring size 1-4	<b>Finishes/colors/ powder coat</b>	<ul style="list-style-type: none"> <li>689 Aluminum</li> <li>690 Statuary Bronze</li> <li>691 Light Bronze</li> <li>693 Black</li> <li>695 Dark Bronze</li> <li>696 Brass</li> <li>Custom colors optional</li> <li>Optional SRI primer - powder coat only</li> <li>Optional plated finishes</li> </ul>
<b>Warranty</b>	2 years		

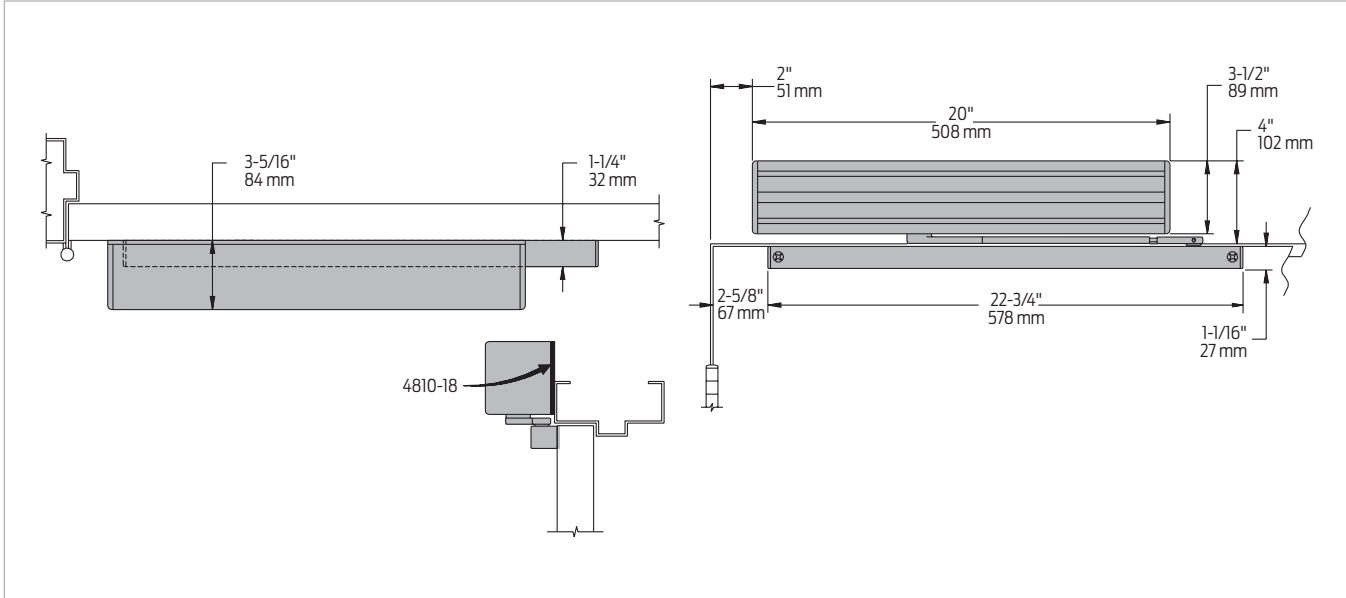
**Special templates** | Customized installation templates or products may be available to solve non-standard applications. Contact LCN Product Support for assistance.

Mounting	Finish	Cover	Cylinder	Arm function*
<ul style="list-style-type: none"> <li>Top jamb (pull) side</li> <li>Top jamb (push) side</li> <li>Parallel arm</li> <li>Concealed</li> <li>Powder coat</li> <li>Plated</li> </ul>	<ul style="list-style-type: none"> <li>Plastic</li> <li>Metal</li> </ul>	<ul style="list-style-type: none"> <li>Non-handed</li> <li>Non-sized</li> <li>Accessibility</li> <li>Automatic operator</li> <li>Hold open</li> <li>DPS</li> </ul>	<ul style="list-style-type: none"> <li>90°</li> <li>Standard (single)</li> <li>Regular (double)</li> <li>EDA</li> <li>CUSH</li> <li>SCUSH</li> </ul>	

■ Available      ■ Not available      Meets ADA requirements (power mode).  
 \* See individual series for maximum manual opening.

## Mounting details

### Top jamb (pull side) mounting



Butt hinges	Should not exceed 5" (127 mm) in width
Auxiliary stop	Recommended
Reveal	Should not exceed 1/8" (3 mm)
Top rail	Minimum 1 1/8" (29 mm)
Head frame	Minimum 2" (51 mm)
System diagram	See pages 9-10 for typical system wiring, and pages 28-29 for electrical and pneumatic data for control boxes
Maximum opening	<ul style="list-style-type: none"> <li>▪ Templating allows 90° power opening and 170° manual opening</li> <li>▪ Please note that many track style door closers are capable of allowing 180° of door swing</li> <li>▪ Track style closers are at their weakest closing force at 180°</li> <li>▪ Consult factory for applications where exterior or large/heavy door must swing 180°</li> </ul>

**Notes:**

- Requires control box with integral compressor or control box using auxiliary air supply
- See control box pages 28-29 and actuators and accessories, pages 100-117
- Guard rails/safety mats not required

# Accessories

## Cylinders

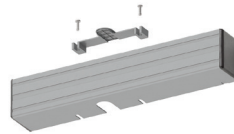


- 4811-3971**  
**Cast Iron Cylinder Assembly (CYL)**
- Non-handed
  - Standard



- 4811-3071**  
**Cast Iron Cylinder Assembly (CYL)**
- Non-handed
  - Mounting plate
  - Standard

## Covers



- 4810-72MC**  
**Metal Cover (MC)**
- Non-handed
  - With black end caps
  - Standard

## Arms



- 4810-3077T**  
**Standard Arm (STDTRKARM)**
- Non-handed
  - Track roller not included with arm

## Tracks



- 4810-3038**  
**Standard Track (STDTRK)**
- Non-handed
  - Standard

## Installation accessories



- 4810-3034**  
**Track roller**
- Quiet low friction roller assembly
  - Shoulder dimension "X" = 1/8" (3mm)