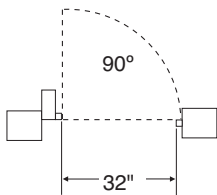


LCN ADA HIGHLIGHTS FOR OPENINGS

CLEAR OPENING WIDTH (404.2.3)

- 32" minimum
 - Measured with door open 90°
 - From door face to stop strike jamb
 - Hardware projection not included*
 - One leaf of a pair must comply
- * Fire Marshall may take projection of exit devices into account.



MANEUVERING CLEARANCE (404.2.4)

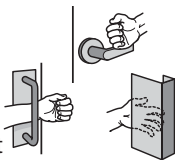
- Required around opening, see Guidelines for specific application requirements

DOOR HARDWARE (404.2.7)

- Operating devices easy to grasp with one hand
- Can't require tight grasping/pinching/twisting to operate
- Levers and U-shaped handles are acceptable
- No higher than 48" above finished floor

CLOSING SPEED (404.2.8)

- Sweep Period – 3 Second Minimum
 - From open 70° to 3 inches from the latch
 - Measured to the leading edge of door
 - Delayed action is not a code requirement



OPENING FORCE (404.2.9)

- Exterior hinged doors: (Reserved)
- Interior hinged doors: 5 lbf max
- Fire doors: up to the Authority Having Jurisdiction (AHJ)
(Size 3 closer for 3' wide interior fire doors per NFPA 80)

AUTOMATIC OPERATORS (404.3)

- If automatic operators are used:
 - Low-energy type complying with ANSI/BHMA A156.19
 - High-energy type complying with ANSI/BHMA A156.10
 - 3 seconds minimum to open to backcheck
 - No more than 15 lbf to stop door movement

LCN[®]

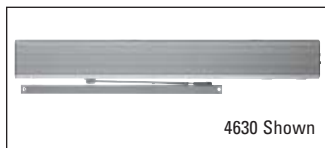
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LCN® AUTOMATIC OPERATOR HIGHLIGHTS

Primarily Manual Opening

ELECTRIC AUTO-EQUALIZER™



- Digital Control for Easy Installation & Setup
- 10 Million Cycles
- Integrates Heavy Duty Cast Iron Closer
- On-Board Power Supply
- UL Listed as Fire Rated Door Operator

PNEUMATIC AUTO-EQUALIZER™



- Ideal for Multiple Door Applications
- 10 Million Cycles
- Integrates Heavy Duty Cast Iron Closer
- Available with “Blow Open” Control Box
- UL Listed as Fire Rated Door Operator
- Concealed Models Available

Primarily Automatic Opening

SENIOR/MIDDLE SWING™



- Power Boost (Senior Swing)
- 10 Million Cycles
- 8½ lbs. Opening Force (Middle Swing)
- Push ‘N’ Go Feature
- UL Listed as Fire Rated Door Operator
- Concealed Models Available

BENCHMARK



- 3 Million Cycles
- Push ‘N’ Go Feature
- Non-Handed Design
- On-Board Power Supply and Power Boost Available on Premium Controller
- UL Listed as Fire Rated Door Operator

2 YEAR WARRANTY ON LCN ADA AUTOMATIC OPERATORS

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