

4800 Series Auto Equalizers

Pneumatic Automatic Operators w. Backcheck, Metal Cover - Adjustable Power Size 1-5*

4811 - Pull Side of Transom, 4822 - Push Side of Transom & 4841** - Push Side of Door

Silver w. Matching Arm & Track

*Power Varies Across Application Specific Models (see below)

Best suited to heavy duty situations on perimeter and internal doors where a high level of traffic is anticipated.



4811 Auto Equalizer - Power Sizes 2-4

The basic design concept for all LCN power operator systems is door control of both the opening and closing motion of the door. Our designs allow the system to be retrofitted easily into existing doors and frames as well as new construction. A basic LCN pneumatic system consists of a power operator based on a heavy duty LCN 4040 Series door closer and peripheral actuators.



4822 Auto Equalizer - Power Sizes 2-5

The 4800 Series Auto Equalizer™ is LCN's pneumatically powered MULTIDOOR 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.



4841** Auto Equalizer - Power Sizes 1-5

- Multi-Door Solution
- Utilizes a 10,000,000 Cycle Heavy Duty Door Closer
- Quiet, Efficient & Reliable
- Requires ACC Controller using auxiliary air supply (compressor) - [See example ACC1](#)
- Safety Products - Dictated by traffic profile
- Weather Fluid - Performs without variation:
 - Manual Closers - between -35° to +49°C
 - Electronic HO Closers & Automatic Operators - between +2° to +49°C
 - At approx. +75°C the fluid will begin to leak from the mechanism.
 - The flash point is approx. 110°C
- Non-Handed
- LCN® Fast™ Power Adjust
- Fast & Accurate Installation
- Auto Equalizers Suit doors <136 kilos

UK Fire Certification in accordance with BS EN 1634-1:2014 (timber) - 120 mins

WFRC No. 142058 (**NB - Fire Certification does not apply to 4841 model)



LCN 4800 Series Door Closers

Pneumatic/Hydraulic Automatic Operators - Very high to medium traffic capabilities.

Designed for doors primarily where occasional automation is desired but where able bodied users will operate the door manually.

ACC - Auto Equalizer Controllers (PS01)

ACC Controllers provide the requisite number of electrically controlled pneumatic circuits to suit the system to be controlled.

Example - a two door system will contain two switched valves - controlling air flow to the Auto Equalizers.



ACC2

System timing is performed by the controller. Each pneumatic circuit is adjusted for a hold open time, normally up to 30 seconds.