



## Assembly area doors

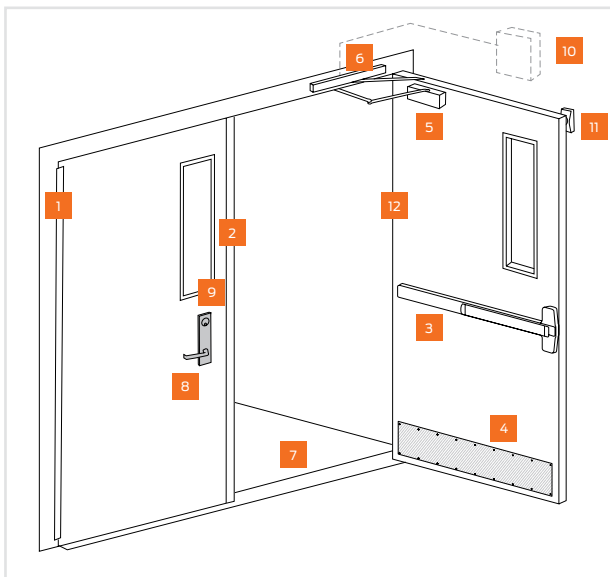
Education solutions

Whether it's an auditorium, cafeteria or assembly hall, double doors in high traffic areas must often accommodate big crowds and stand up to hard use.

And while assembly areas must be accessible on a regular basis, they must also be able to close and latch quickly and reliably when the need arises.

### Assembly area door operational requirements:

- Doors are normally unlocked during the day
- Free ingress and egress
- Doors are secured after hours
- Access is gained by valid key
- Free egress is available at all times
- Exit devices are wired to the fire alarm system
- Exit device latchbolts extend upon signal from fire alarm system



### Standard features

Building and safety codes vary, but assembly area double doors typically include the following:

- |  |  |
|--|--|
| 1 Ives continuous hinges                                       | 7 Threshold with weather strip                   |
| 2 Von Duprin removable mullion                                 | 8 Von Duprin lever trim                          |
| 3 Von Duprin fire exit hardware with electric latch retraction | 9 Schlage rim cylinder                           |
| 4 Ives kickplate   | 10 Von Duprin power supply with fire alarm input |
| 5 LCN door closer  | 11 LCN hold open magnet                          |
| 6 Glynn-Johnson hold open                                      | 12 Electronic power transfer                     |

## Innovative solutions for assembly area doors

Assembly area doors must enable free traffic flow, while also serving as a physical barrier against fire and unauthorized access.

### Von Duprin® QEL (Quiet Electric Latch Retraction) exit device

- The QEL option provides electronic control of an exit device and is ideally suited for environments where limited operational noise is desired.
- The specially designed exit device leverages quiet technology to reduce the noise generated by opening and closing the door.
- QEL is an option for 98/99 Series (including XP), 94/95 Series and 33A/35A Series devices.
- The QEL is able to automatically adjust latch throw and pull.
- The QEL also includes on-board installation and troubleshooting.

### LCN® auto operators

- Since 1876, LCN has been the leader in the door control.
- LCN products include ADA-compliant automatic door operators, surface and concealed door closers and electronic accessories.
- LCN automatic operators, the proven standard in schools for over 20 years, are easily retrofitted into existing doors and frames.
- LCN low energy electrohydraulic and pneumatic automatic operators have a heavy duty closer with a slow opening function.
- LCN's electromechanical automatic operators utilize a motor gearbox and control box to perform the opening and closing.

Note: These security solutions are designed only as a guide and do not take into consideration local codes and regulations that may be in place. Please contact your local Allegion representative to design a specification to meet your unique needs.



Von Duprin®  
QEL exit device

LCN®  
auto operators



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## About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises 27 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more, visit **[www.allegion.com](http://www.allegion.com)**.

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