

Quiet solutions

For healthcare

Overview

Hospitals and other healthcare environments have special requirements for noise reduction, and most facilities currently exceed the recommended guidelines.

Loud environments affect everyone in a healthcare environment. It's been proven that excessive noise can cause patients to lose sleep, heal at a slower rate, and be less satisfied with their overall care experience. But patients aren't the only ones who are affected. Physicians and staff become more stressed and fatigued in a noisy environment which can cause an increased number of mistakes, reduced productivity and less friendly dispositions.

There are many sources of noise, but facilities can eliminate excess noise and create quieter environments by implementing solutions of any size.

Quiet openings can be beneficial in all areas, but especially:

- Care areas where patients are sleeping and healing
- Work areas/stations where concentration is important
- Busy traffic areas such as hallways
- Chapels or auditoriums where noise can be disturbing
- Office or administrative areas





Solutions that create a quiet environment.

Allegion understands that healthcare environments are unique and offers innovative solutions that reduce the noise of openings throughout the facility and deliver the reliability and performance that we're known for.

The Quiet One® exit devices from Von Duprin

Push pads on exit devices can be noisy and disruptive. Von Duprin exit devices utilize a specially designed mechanical damper that decelerates the push pad on the push and return stroke, eliminating most of the noise associated with exit device operation.

- Standard on all Von Duprin 98/99 Series standard and 33A/35A Series narrow stile exit devices



Von Duprin Quiet Electric Latch (QEL)

Traditional electronic latch retraction on exit devices utilizes magnetic solenoids that result in a loud and abrupt sound when operated. The motor driven latch retraction used on the Von Duprin QEL is more energy efficient and provides much quieter operation.

- Paired with "Quiet One" technology, the QEL is the quietest operating latch retraction solution
- Option on all Von Duprin 98/99, 33A/35A, and 94/95 Series exit devices
- Modular design and retrofit kits make it possible to easily upgrade existing mechanical or legacy electronic latch (EL) devices



Von Duprin pneumatic controlled exit devices

Pneumatic controlled exit devices operate using compressed air and are ideal for applications that require quiet and efficient electronic latch retraction, especially in hazardous areas where electronics are not permitted.

- Option on all Von Duprin 98/99 and 33A/35A Series exit devices

Von Duprin Concealed Vertical Cable system (CVC)

Traditional concealed or surface vertical latching devices use rigid metal rods to retract the latches. Rods installed within or on the surface of the door can rattle and cause unwanted noise. The CVC system uses enclosed cables that do not lift up or down like traditional rods and operate quietly within the door.

- Available with 98/99 and 33A/35A Series exit devices – integrates with existing devices and trims
- Option for the cable system to be pre-installed in doors direct from Steelcraft



LCN pneumatic powered auto operators

Pneumatic powered auto operators uses the power of compressed air to power the operator; therefore, are quieter compared to electric counterparts that use motors and gearboxes.

- Available on LCN pneumatic powered auto operators 2610, 4810, 4820 and 4840



LCN slam-free door control

For free opening doors you want to control, but aren't required by code to use a closer, LCN's unique closer design removes the spring and hydraulics control the opening and closing speed, reducing noise.

- Available on most LCN 4000 Series closers



Silencers and sweeps

The use of silencers, sweeps and other solutions reduce the sound made by doors when closing, and the noise that can be heard through a closed door.

Door audits

Conducting regular door audits ensures that doors are operating as intended and allow for adjustments to be made to any openings that may be making extra noise due to equipment that isn't working properly.

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 more than 25 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more, visit www.allegion.com