

closed LOOP door operators

Elevators open and close an average of 200,000 times per year and the majority of repairs involve malfunctioning doors. Closed loop technology is applied to use the least amount of energy necessary to perform normal door opening and closing functions. Closed loop technology can also improve floor-to-floor travel time and door performance when properly maintained.

Benefits

- Increases Safety – helps avoid potential injury from older door operating systems; improves door operation by replacing a mechanical control with a digital/microprocessor-based control
- Decreases owner and management liability
- Increases reliability with less working parts, readily available components and avoids issues related to obsolescence
- Can perform normal operation when pressure changes and/or wind effect situations are present
- Provides smoother open and closed door operations
- A major component of the modernization process
- Decreases troubleshooting time

SYSTEMS AVAILABLE FOR UPDATE:

Closed loop door operators are a universal application available to all elevator systems.

Closed Loop Control...

...can perform continuous velocity/energy calculations and relay requirements to the machine for operation. Adjustments can be made with a smart tool to provide operational consistency for each floor.* For example, heavier lobby hoistway doors are automatically compensated for via the closed loop control.

Open Loop Control...

... relies on manual adjustments by the mechanic and can only achieve one result with regards to door operation.

**(There are a number of door operating systems with varying capabilities. Consult with your sales associate to determine the best solution for your system)*