

# ALARMGARD® CLOSING SYSTEMS

STOP FIRE AND SMOKE IN ITS TRACKS

We answer the call for safe, reliable and simplified fire door closing options with our full line of AlarmGard automatic resetting fire door systems. These systems activate fire doors without releasing spring tension or disengaging the operator drive mechanism. AlarmGard operators include bracket mount chassis units, tubular motor operated units, manual chain and crank operated units.

## AlarmGard® Closing System Benefits:

- + Dramatic inspection and drop testing cost savings.
- + Directly notified by fire alarm control panels or local detectors.
- + Electrically and gravity failsafe.
- + Eliminates mechanical spring tension loss and complex resetting procedures.
- + Automatically resets to normal operation upon clearing of alarm signal and/or restoration of power.
- + Routine testing now takes minutes instead of hours.
- + Safe and controlled activated closing speed does not exceed 9" - 12" per second.
- + UL approved to retrofit motor and chain & crank operators to most manufacturers' fire doors.



## Recommended AlarmGard® Closing System Applications:

- + Any application where mechanical testing and resetting is impractical or not desired.
- + Where fire doors are installed nearby pedestrian thoroughfares.
- + Fire-rated units in recessed applications.

## AlarmGard Motor Operated Systems, Bracket Mounted

AlarmGard® systems close the fire door in response to an alarm signal and are fail-safe by design, safely closing the door during a prolonged power failure. When the alarm is cleared and/or power is restored, resetting is automatic and automatic re-open is selectable. Unlike conventional fire door operators, AlarmGard® Motor Operators do not require an additional mechanical release device to respond to alarm signals. For doors up to 51' wide, 36' high or a maximum 1200 sq. ft.



### Benefits:

- + Slower, safer, uniform closing speed of 9" - 12" per second.
- + Electrically and gravity failsafe systems.
- + 0 to 10 seconds selectable time delay upon activation.
- + Motor operator will close and reverse on obstructions up to three times when power is present.
- + Automatic open is selectable for a complete system restoration after activation.

Recommended Applications: All motor operated fire doors.

### Options:

- + Battery Back Up - Prevents the door from closing due to a power failure for up to 4 hours. A DC power source for local detectors and warning appliances maintains function during a power outage.
- + Electric Sensing Edge - recommended for all electric operated units.
- + Fusible link Activation
- + Operator Cover
- + Wall mounted key switch for ease of drop testing

## AlarmGard® Tube Motor Operated Systems for Fire Doors and Fire Counter Shutters

AlarmGard® Tube Motor Operators are concealed in the shaft assembly, making them ideal for openings with tight clearances or when you need to conceal the operator drive components without adding a bulky and unsightly motor cover. The AlarmGard® Tube motor operator can be used on Fire Doors or Counter Fire Shutters.

### Benefits of AlarmGard Tube Motor Operator:

- + Convenience of motor operation in a low-profile, concealed design.
- + Auto-Reset and selectable Auto-Open.
- + Available with or without battery back up.
- + UL 325 compliant and UL 864 listed motor assembly.
- + Rated for up to 10 cycles per day.
- + Electrical connection from the operator to wall-mounted control panel is plug and play.
- + Internal fail safe release device and internal centrifugal governor.
- + Electronic Type Limit Switch, ease of setting limits through 3-button station at floor level.

### Product Application Requirements:

- + An AlarmGard® tube motor can operate a fire door or fire counter shutter up to approximately 120 sq ft.\*
- + 115 VAC/60 HZ, 230 VAC/60 Hz\*\*, 230 VAC/50 Hz.\*\*
  - \* Size limit varies by door configuration and gauge required.
  - \*\* Special order - additional lead time will apply.

### Options:

- + Battery back up inside control panel offers up to 12 hours of back up power.
- + Various controls including 2 button or 3 button stations available in flush or surface mounts.
- + Sensing edge options.
- + Keyed drop test switch.



### Recommended Applications:

- + Fire Door and Counter Fire Shutters that require convenient motor operation in limited spaces.
- + Conditions that will benefit from hidden components, no visible wires and aesthetically pleasing profiles.
- + Intermediate-duty applications.
- + Applications requiring a back up battery to eliminate nuisance activations from power interruptions.

## Manual AlarmGard Chain or Crank Operated Systems

In addition to the AlarmGard® Closing Systems benefits listed on the first page, these compact chain and crank operator designs include a built-in, automatic reset release device for connection to a central alarm system or local detectors - no external release device is required. Units will close automatically upon alarm or power failure in excess of 10 seconds. Resetting spring tension or re-engaging the operator is not required. Chain and Crank Operators are available for use on all Counter Fire Doors and Fire Doors to 34' wide or 28' high, consult factory for large door size limits.

### Benefits:

- + Operator safely stops the curtain in any position; will not excessively back wind.
- + UL 864 Listing.
- + 10 second alarm and power failure time delay.
- + 24 VDC output for close warning device.

### Requirements:

- + Accepts 24 VDC, 115 VAC or 24 VAC power supply.

### Recommended Applications:

- + Use for fire products that do not require the daily operating convenience of a motor operator.
- + Clearance and access to the hand chain or crank eye is required.

### Options:

- + Wall mounted electric Key Switch for ease of drop testing.
- + Battery Back up.
- + Fusible Link Activation.
- + Operator Covers.
- + 24 VDC Horn Strobe and voice warning module requires battery back up.

