



Retrofit Fire Door Operators STANDARD CONSTRUCTION

UL File No. R21079 FM Approved

Retrofit fire door operators provide state-of-the-art technology for existing steel rolling fire doors. When retrofitted, even older doors can be tested and reset easily, operating with the reliability and extraordinary descent control only found in the most advanced fire door systems available today. Retrofit operators are Underwriters Laboratories (UL) classified and FM Approved for installation on most types and brands of existing steel rolling fire doors. They eliminate awkward and unreliable spring tension release mechanisms and replace traditional operating and governor systems. They may also be installed to replace similar type failsafe operating systems. All retrofit operators include a fusible link activated internal release and governor to provide automatic closing without a loss of spring tension and eliminate the need for traditional mechanical reset.

NOTE: Retrofit operators may not be the proper solution to all causes of improperly operating fire doors. Lawrence Roll-Up Doors, Inc. reserves the right to refuse to sell a retrofit operator in any case where it is deemed to be not appropriate for the intended application.

“Easy -Reset” **chain*, crank* and motor operators** provide fusible link activated closing through the operator’s internal release and governor. To reset, reconnect the fusible link cable and open the door.

“Easy **-Reset PLUS* chain*, crank* and motor operators** provide time delayed detector/alarm activated and failsafe closing upon a loss of power through the operator’s internal release and governor. To reset, clear the alarm/restore power, reconnect the fusible link cable and open the door.

“Auto -Reset” **chain*, crank* and motor operators** provide time delayed detector/alarm activated and failsafe closing upon a loss of power through the operator’s internal release and governor. To reset, clear the alarm/restore power and open the door.

“Auto -Reset PLUS” **motor operators** provide

- Alarm and fusible link (if required) activated closing through internal release and governor
- Motor controlled closing upon alarm/detector activation – will stop upon sensing an obstruction while closing and continue closed when the obstruction is removed. (Requires door be provided with a monitored sensing edge – power must be present and sensing edge must be functioning properly.)
- Time delayed failsafe closing through internal release and governor upon a loss of power, or failure of sensing edge upon alarm activated motor controlled closing.
- Optional battery back-up to provide up to 8 hours battery support to prevent door closing due to loss of power, obstruction sensing/cycling function upon alarm, and audible/visible warnings

To reset, clear the alarm/restore power and activate the open control.

** Hand chain or removable awning crank handle is used to open door, convenient pull cable is used to close or stop door at any position. A locking handle release in surface or flush mount enclosure is available to prevent unauthorized closing. (Requires field installed conduit from enclosure to operator to conceal pull cable.)*

NOTE: “Easy -Reset PLUS” and “Auto-Reset” options for chain and crank operators are field installed modular conversions attached to the top of the operator and replace the standard fusible link release module – field wiring to a detector/alarm dry contact and 115vac power source is required. They also allow for fusible link release if required by the Authority Having Jurisdiction, but if activated will require reconnection of the fusible link cable to reset.

When ordering retrofit operators, the following information is REQUIRED to be provided: Original door manufacturer, listing agency, size of door, hand of operation, shaft and keyway size, description of existing automatic closing system, type of slat and gauge of material, bottom bar size and thickness, general description of operability, automatic closing speed, reason for retrofitting, voltage and phase (if motor operated), or any additional information that may be deemed as necessary based upon the intended application.



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