

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 an 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.

*NOTE: The fusible link release module on “Easy-Reset” operators can be replaced with an optional **AR-C “Auto-Reset” Conversion** module to provide basic “Auto-Reset” functions with time delayed automatic closing upon activation of alarm or fail safe closing upon a loss of power and is automatically reset when the alarm is cleared and power is restored. A 115v power source is required.*

“Auto-Reset” motor operators provide automatic closing without a loss of spring tension and eliminate the need for traditional mechanical reset – simply restore power/clear alarm and activate the open control to automatically reset the door.

- Alarm activated closing controlled by governor when power is present
- Fail safe activated closing controlled by governor upon power loss
- Provision for connection of fusible link* (when required by AHJ)
- Selectable time delayed closing function
- Selectable obstruction sensing, cycling and reversing functions (*requires door be provided with a monitored sensing edge – power must be present and sensing edge must be functioning properly*)
- Selectable automatic re-open function after alarm is cleared and power is restored
- Battery backup to prevent door closing due to loss of power, inspectors test switch to verify alarm activation function, and audible/visible/voice warnings, are available options

* If fusible link activation is required by the Authority Having Jurisdiction, reconnection of the fusible link cable is required for reset.

NOTES:

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.)

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. A Retrofit Fire Door Field Evaluation Form can be downloaded from our website.

When retrofit motor operators are used to replace existing operators that are not UL325-2010 compliant, and have sensing devices that are either not monitored or not compatible with Lawrence operators, a new monitored sensing edge or photo eye may also need to be installed – CONSULT FACTORY for further information.