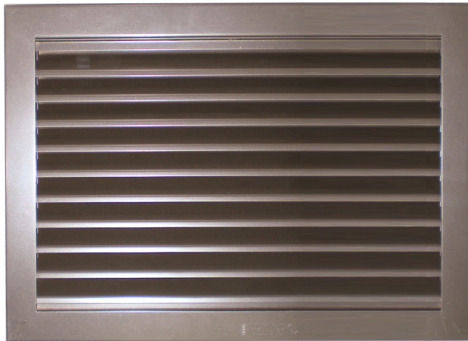


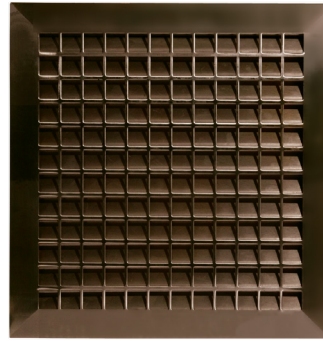
# DOOR LOUVERS - 1900A and 1900ASG Fire-Rated Adjustable "Z" Blade Louver INSTALLATION & MAINTENANCE GUIDE | 14I-309

## GENERAL:

The fire-rated door louvers are designed with adjustable Z blades and include a fusible link that melts at 165° F to rotate and close the louver blades during a fire. Fire Rated door louvers are designed with self-attaching, vandal-proof, flanged frames for 1-3/4" steel and composite fire doors up to 1-1/2 hour rating.



1900A



1900ASG with Security Grill

## TOOLS/HARDWARE NEEDED:

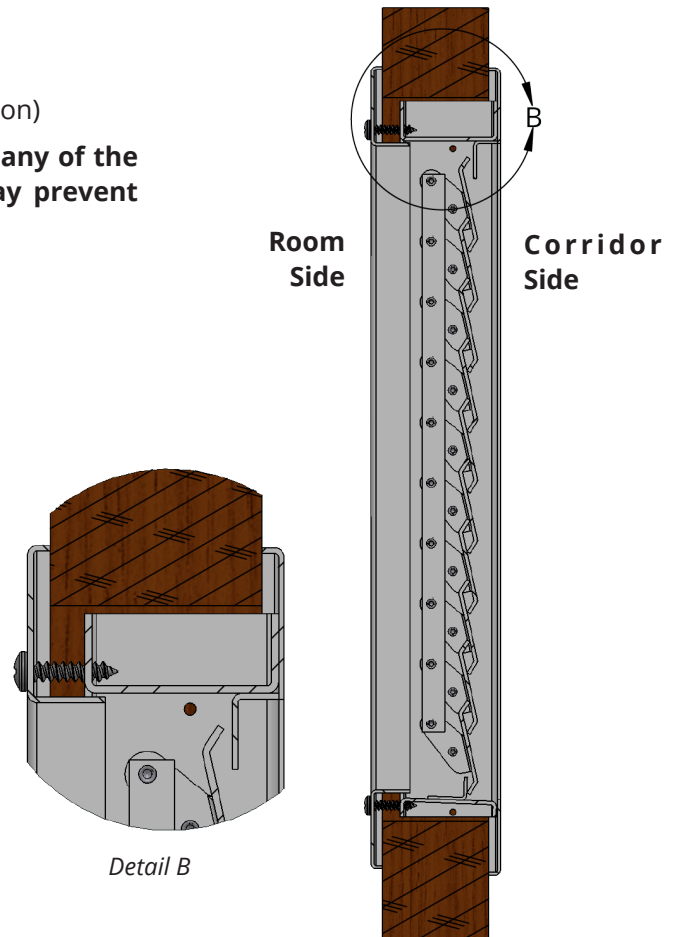
- Screw Driver with Phillips Head – Standard (Torx as option)

**Warning: Paint must not be applied to the fusible link or any of the connecting hardware including the hold-open clip. It may prevent proper functioning and will void the fire rating.**

## INSTALLATION:

1. Before installing the fire-rated door louver into a fire door, be sure that the door cutout (order size) is accurate.
2. Visually inspect the fusible link to assure that it is not broken. Do not install if link is not intact.
3. Position the door louver from the corridor side in the door cut out. Louver should be oriented with the fusible link at the top of the opening.
4. With the self-attaching frames in place, screw the mounting screws through the pre-punched holes in the frame on the room side. Screw firmly together.

Note: Use the provided shorter #8 x 1/2" long screw in hole nearest to the fusible link located on the upper right side of the frame on room side. Use the provided #8 x 3/4" long screws for the other holes.



**AIR LOUVERS**

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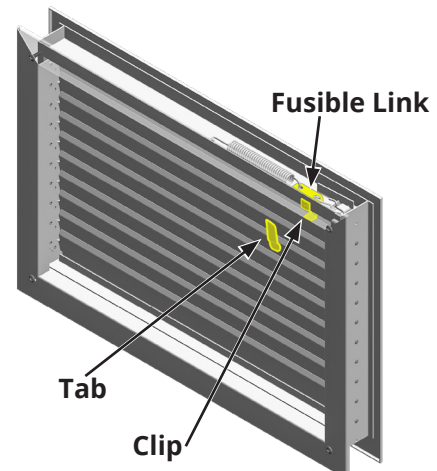
REV B | 1-23-2025

# DOOR LOUVERS - 1900A and 1900ASG Fire-Rated Adjustable "Z" Blade Louver INSTALLATION & MAINTENANCE GUIDE | 14I-309

## OPERATION:

The basic components for door louver operation include the door louver blades, a manual adjusting tab and a fusible link with spring assembly. In the event of a fire, the fusible link melts at 165°F releasing the Spring (081-4), allowing louver blades to rotate closed.

- The door louvers manually open and close by pulling the metal adjusting tab which rotates the louver blades. To secure the louver blades open, rotate until the top louver blade snaps and is held in place by the top hold-open spring clip.



*Spring Clip and Tab on Room side*

## MAINTENANCE:

Our products are designed to be maintenance free. However, it is recommended that the surfaces of the products be kept clear from debris and dirt. Frequent cleaning extends the life of all finishes. Use a soft cloth and mild soap and water solution to clean metal surfaces.

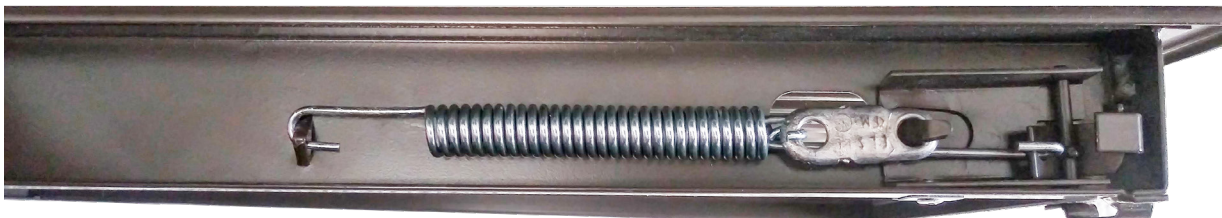
- Manually operate at least once a year to check functionality to ensure louver blades freely rotate. If not, make sure louver is clean and free of foreign debris by cleaning moving parts. If the tab does not operate the louver blades, remove the door louver to inspect the fusible link for damage and replace, if necessary.

## REPLACEMENT PARTS:

LV-KIT-LINK: KIT, FIRE RATED LOUVER 165F LINK

- The fusible link is under spring tension, carefully use pliers to remove the long side of spring where it attaches to the louver frame. Do not try and release spring tension at the short end of the spring where it connects to the Fusible Link. Replace the fusible link as shown. The Hook Line should attach between the short end of the spring and the Blade Actuator Link. The Fusible Link should always be installed on top of the Hook Link as shown.

*Fusible Link Assembly Installed*



*Included in LV-KIT-LINK:*



*Spring 081-4*



*Hook Link 083-4*