Installation Manual Addendum

MODELS

FSXP-FLR
FSXPBB-FLR
FSXPBBVB-FLR

FIRE SENTINEL FLOOR RESET

Reset Mechanism

Installation and testing to factory specifications shall be performed by factory authorized personnel for proper operation in accordance with all of the latest National Fire Protection Association (NFPA), Underwriters Laboratories (UL), National Electrical Code (NEC), local, state, county, district and/or other applicable building and fire standards, guidelines, regulations and codes including, but not limited to, all appendices and amendments and the requirements of the local authority having jurisdiction (AHJ).
**GENERAL DESCRIPTION**

The Fire Sentinel Floor Reset is a factory installed option on the FSXP-FLR, FSXPBB-FLR and FSXPBBVB-FLR Release Devices. The reset Mechanism enhances the standard releasing device by providing a captured end link, which is easily reset from ground level after a door release by means of a push-pull cable assembly. The reset mechanism has been designed for use with the Grifco fire door hoist, and is ideally suited for use on all doors and shutters requiring frequent testing.

**NOTE:** This addendum serves as a supplement to the Fire Sentinel release device manual. Review all installation instructions, procedures, cautions and warnings contained within this addendum as well as the unit installation manual prior to installing and/or servicing this product. As with all release device systems, maximum fire protection is provided when installed in accordance with factory specifications and used with fuse link systems. Test system regularly to assure proper operation.

**INSTALLATION INSTRUCTIONS ADDENDUM**

Installation procedures, and door manufacturer instructions, must be followed to assure performance of the release device/reset mechanism to factory standards. To be performed by factory authorized personnel only.

**MOUNTING PROCEDURE (Figure 1)**

1. The release device shall be mounted on a vertical surface with chain end link exiting side of enclosure. The unit may be rotated 90 degrees CW for a direct vertical pull.
2. Secure the release device enclosure with fastener (#10 is the minimum size recommended). If installing in masonry, use concrete anchors (not provided).
3. Release device and associated hardware [sash chain or 1/16 cable, eyebolts, fuse links (Do not install this unit without fuse links), turnbuckles] shall be installed as per door manufacturers recommendations (Figure 1). End link direction of pull should be perpendicular to the enclosure side. An eyebolt installed at a distance of 18" to 24" from the release device should adequately redirect sash chain.
4. Connect fuse links, sash chain, S-hooks and turnbuckles as required. Remove sash chain slack by adjusting turnbuckle.

**RESET CABLE MOUNTING PROCEDURE (Figure 2)**

1. Reset cable mounting box should be mounted with minimum #6 size fastening screws/bolts for surfaces other than masonry. For masonry applications use 1/4" or greater anchors or studs as required for proper mounting strength.
2. Insert cable through knockout and secure with 9/16" jam nut.
3. Make sure release device/reset is in released position (Figure 3) and cable is fully pushed in with reset handle seated against jam nut. Cut cable to length 1-1/4" of cable through end link slot. Do not exceed a 9" bend radius on 1 x 19 strand cable. When using solid cable, refer to manufacturer specified bend radius restrictions. Install wire stop a maximum of 1" from end of cable. Secure cable at 36" maximum spacing using suitable 3/16" cable clip or clamp (Figure 3).

**NOTE:** Actual configuration may differ. This unit may be rotated 90° CW for vertical pull. See door manufacturer recommendations and NFPA 80 for use of this product with specific door.

**IMPORTANT INSTALLATION INSTRUCTIONS**

To reduce the risk of SEVERE INJURY or DEATH:

1. READ AND FOLLOW ALL INSTALLATION WARNINGS AND INSTRUCTIONS.
2. NEVER connect release device to power source until instructed to do so.
3. DO NOT install this device on a motorized door without an electric safety edge.
4. DO NOT use this device without fuse links installed.
5. Concrete anchors MUST be used if mounting release device into masonry.
6. DO NOT exceed maximum pull rating of 40 lbs. on releasing device.
RELEASING DEVICE TEST / RESET PROCEDURES

**NOTE:** To be performed by factory authorized personnel only. Regular testing of all release device equipment is recommended. Testing shall be witnessed for proper operation.

The following test/reset procedure applies to all release devices using the reset mechanism. These procedures are supplemental to test procedures provided in the release device manual. Testing affects normal operation of central alarm system when connected to release device. Testing and normal operation can only be accomplished with power applied to unit. When power is applied to unit under test, the “Power” LED (red) will be lit on the release device.

**NOTE:** Clear fire door opening and prohibit all traffic through opening while testing the system.

Door must be in open position with power applied to unit to begin testing.

1. Depress and continue to hold test button on side of release device (Figure 1). After factory adjusted 10 second alarm verification (10 sec. delay) device will release door (Figure 3a). Release test button.

2. Reset and release device by pulling reset cable in a downward until end link fully engages release device (Figure 3b). Push reset cable inward until handle rests against jam nut or set position (Figure 3c).

3. Using a chain hoist, raise door to fully open position.

4. Follow steps 2 and 3 for resetting of release device. See the release device manual for complete release device test procedures.

After completing tests, make sure door is in normally open position and all power required for normal operation is restored.

**NOTE:** Testing of release devices is independent of, and shall in no way be interpreted as an alternative method of, testing fire alarm systems, motorized operator and/or any other system component employed on the fire door or counter fire door installation.
WARRANTY SERVICE PROCEDURE

Contact technical support at the number provided below for assistance in determining possible product failure. Installer shall provide the following information when contacting technical support:

- Serial Number, found in the following locations
- Individual unit shipping box
- Cover of installation manual
- On unit
- Name of Distributor who supplied product
- Name of End User and/or installation company if different from Distributor
- Detailed description of product non conformance

To receive a Return Goods Authorization (RGA) and shipping address for a product believed to be defective, all of the above information shall be required. Products returned without a valid RGA shall be refused receipt. If provided, reference troubleshooting guide that accompanies product prior to requesting an RGA.

Contact Information
Technical Support: 1-800-929-2553