INSTALLATION INSTRUCTIONS

These instructions apply to all Hochiki America detector bases that utilize an NS detector with LEDs to indicate power, and alarm.

1. CAUTION
- Install the bases in this instruction in accordance with applicable NFPA standards, local codes, and the authorities having jurisdiction. Failure to follow these instructions may result in the failure of the detector to initiates an alarm condition. Hochiki America is not responsible for detectors that have been improperly installed, tested, or maintained.

For testing and cleaning information, refer to Page 2 of these instructions and for Automatic Fire Detector installation guidelines, testing, and maintenance.

Note: The SLR-24V, SLV-24V and SOC-24V are suitable for installation in air velocities up to 4000 ft./min.

2. SPECIFICATIONS

**BASES**
- For testing and cleaning information, refer to Page 2 of these instructions and for Automatic Fire Detector installation guidelines, testing, and maintenance.

**TEST FEATURE**
- Compliance with this request may reduce the occurrence of the "STACK EFFECT".

**BASE MODEL**
- Note: When mounting detector on a wall, it must be between 4" and 12" from the ceiling.

**NOTE:** When using a four-wire base full wave rectified AC can be used.

**LISTED END OF LINE DEVICE**
- COMPATIBLE BASES/Detectors with the "W" SUFFIX ARE WHITE IN COLOR. BASES/Detectors with the "C" SUFFIX ARE CANADIAN.
In case of SOC-24V/-24VN/-24VW, only 1 LED.

**2-WIRE AUXILIARY RELAY BASE**

**4) When the condition exists as stated in 2) the device needs to be cleaned or returned to the factory for servicing. Refer to Technical Bulletin HA-97 for cleaning information.**

**SLR-24/-835/SLV-24 AND SOC-24V SERIES SENSITIVITY TEST FEATURE**

**SU-24/-24C SENSITIVITY TEST PROCEDURE**

**TEST PROCEDURE**

1. With detector wired to appropriate initiating circuit or current limited power source and with normal applied power, place magnet as shown in Figure 1.
2. Wait at least six seconds. Detector SHOULD not alarm and LED should not light.
3. Place magnet on detector as shown in Figure 2 (opposite side).
4. Wait at least six seconds. Detector SHOULD alarm.
5. If detector does not alarm when magnet is positioned as in Figure 1 or does not produce an alarm when magnet is positioned as in Figure 2, detector is not within specified sensitivity limits and may require service. See Tech Bulletin HA-97 for more information and for additional sensitivity test devices.

**NOTE:**

- WIRING TERMINALS FOR THE NS AND NB ARE IDENTICAL - BASES WITH THE "W" SUFFIX ARE WHITE IN COLOR

**TESTING THE SOC-24V/-24VN/-24VW**

**For go/no-go testing, original test tool will be required.**

1. Hold the magnet just UNDER the word "TEST" as shown on Diagram A.
2. The detector should alarm within 10 seconds (If control panel is programmed for Fire Alarm Verification, it may take up to 30 seconds).
3. The detector's LEDs should be on Red continuously and any control panel indicating appliances should activate.
4. Silence the system and activate the control panel reset to reset smoke detector.
5. The smoke detector LED should flash Green.

**TESTING THE SLR-835/SLR-24 AND THE SLV-24 SERIES INSTALLATION**

**For go/no-go testing, original test tool will be required.**

1. Hold the test tool on the detector like Diagram B.
2. The detector should alarm within 10 seconds (If control panel is programmed for Fire Alarm Verification, it may take up to 30 seconds).
3. The detector's LEDs should be on Red continuously and any control panel indicating appliances should activate.
4. Silence the system and activate the control panel reset to reset smoke detector.
5. The smoke detector LED should flash Green.

**SLR-24/-835/SLV-24 AND SOC-24V SERIES SENSITIVITY TEST FEATURE**

**NOTE:** The SLR-24/-24C/-24V/-24VN/-24VH/-24VH(2)/-24C/-24VH(3)/-24VH(4)/-24VH(5)/-24VH(-24VH) have a built-in automatic sensitivity test feature.

**NOTE:**

- In normal condition both LED's flash Green.
- When the sensitivity drifts outside of its sensitivity limits, both LED's flash Red
- In the alarm state both LED's are on Red continuously.
- 4) When the condition exists as stated in 2) the device needs to be cleaned or returned to the factory for servicing. Refer to Technical Bulletin HA-97 for cleaning information.

**NOTE:** In case of SOC-24V/-24VN/-24VH, only 1 LED