



## Features

- Choice of fixed temperature - 135°F or 190°F
- UL Listed ceiling spacing of 50' by 50' (2,500 square feet)
- Self-Restoring
- Heat element protected by a built-in guard
- Contact Rating of 100 mA
- Highly Dependable
- Latching LED base available

## Specifications

<b>Response Temperature</b>	135° ± 7.5°F   190° ± 7.5°F
<b>Contact Rating</b>	N/O Contacts 100mA@60V
<b>Maximum Humidity</b>	95% RH Non-Condensing
<b>Colour &amp; Case Material</b>	Ivory ACS
<b>Mounting</b>	Refer to the next sheet

## Operation

The LE-DFE 135/190 fixed temperature heat detector is suited to alarm in the presence of slowly rising temperatures. The construction of this model incorporates an oversized heat collector protected from damage by the built-in, durable plastic guard. The LE-DFE-135/190 fixed temperature heat detector used the proven snap-disc principle of operation. This bi-metal disc deflects when temperature reaches a predetermined value. The disc deflection then causes a push-rod to close the internal contact resulting in an alarm condition. The bi-metal disc returns to its normal shape when the heat subsides causing internal contacts to return to their normally open position. A standby condition is restored.

## Applications

The LIFECO LE-ACC-V Multi-Criteria Sensor is particularly suited for detecting smoke produced by a wide range of combustibles found in various applications. Temperature monitoring is achieved by a thermistor placed for optimum sensitivity. LIFECO's unique design allows fast response to flaming fires as well as smoldering fires while minimizing false alarms.

## Engineering Specifications

Automatic heat detectors shall be fixed temperature rated at 135°F for areas where ambient temperatures do not exceed 120°F and 190°F where ambient temperatures exceed 120°F but not 160°F. The fixed temperature element shall consist of a bi-metallic disc and actuator shaft. Electrical contacts shall be normally open, rated at 100mA @ 60V DC. Heat detectors shall be installed in accordance with National Fire Protection Association Standard 72, the spacing assigned by Underwriters Laboratories, and in accordance with the rules and regulations set forth by the local authorities having jurisdiction. Automatic heat detectors shall be Underwriters Laboratories listed.

## Compatible Base



## LE-HSC-220L Heat Detector Base

The LE-HSC-220L Series is a 6" base featuring a current limiting resistor, latching annunciator output and a latching circuit so the alarm LED will remain lit until the control panel has been reset. Heat detectors are not recognized as proper detection for life safety protection, therefore they should be utilized only for the protection of property.

