## SELECT SERIES INTELLIGENT THERMAL SENSORS    MIX-5351AP(A) / RAP(A) / HAP(A)

## Features

- New modern bright white profile
- Available as 135°F (57°C) fixed temperature, 135°F (57°C) fixed temperature with rate-of-rise detection and high temperature 190°F (88°C) fixed temperature
- Dual LEDs for 360° visibility.
- Low profile base provides easy interchangeability
- Low standby current
- Rotary address switches
- Expanded color kit options.

MIX-5351AP(A) sensor mounted on a B300(A)-6 base

## Description

The Select Series low profile thermal detectors are intelligent addressable plug-in detectors with point ID capability that enables each detector address to be set with rotary address switches providing exact device locations.

Detector sensitivity is continually monitored and reported to the fire alarm control panel. These intelligent sensors utilize a state-of-the-art thermistor sensing circuit for fast response.

Mircom's Advanced Protocol uses a high speed communication protocol that greatly increases the speed of communication between the intelligent devices.

The select series devices are backwards compatible to operate in CLIP mode for legacy system applications.

The modern design and expanded color options support contemporary aesthetic demands. In addition, each detector is constructed for exceptional installation and maintenance efficiency.

Select Series thermal detectors provide cost-effective, intelligent property protection with a UL 521/ CAN-ULC S530 listing.

**MIX-5351AP(A)** Intelligent Heat Detector offers 135°F (57°C) Fixed thermal Detection.

**MIX-5351RAP(A)** Intelligent Heat Detector offers 135°F (57°C) Fixed and rate-of-rise thermal Detection.

**MIX-5351HAP(A)** Intelligent Hight Temperature Heat Detector offers 190°F (88°C) Fixed high temperature thermal detection.

## Specifications

| Physical / Operating Specifications | |
|---|---|
| Height | 2.0 inches (51 mm) |
| Diameter | 6.2 inches (156 mm) installed in B300-6/ B300A-6 base |
| | 4.1 inches (104 mm) installed in B501-WHITE/-IV base |
| Shipping Weight | 3.4 oz (95 g) |
| Operating temparature Range | Heat - Fixed-temperature: -4°F to 100°F (–20°C to 38°C) |
| | Heat - Rate of Rise (ROR): -4°F to 100°F (–20°C to 38°C) |
| | Heat - High Temperature: -4°F to 150°F (–20°C to 66°C) |
| Operating Humidity Range | 10% to 93% non-condensing |
| Thermal Ratings | Fixed Temperature Setpoint: 135°F (57°C) |
| | Rate-of-Rise Detection: 15°F/min. (8.3°C/min.) |
| | High Temperature Heat: 190°F (88°C) |

| Electrical Specifications | |
|---|---|
| Voltage Range | 15 to 32 VDC peak |
| Operating Current @ 24 VDC | 200 uA (one communication every 5 seconds with green LED blink on communication) |
| Maximum Current | 4.5 mA @ 24 VDC (one communication every 5 seconds with amber LED solid on) |
| Maximum Alarm Current | 2 mA @ 24 VDC (one communication every 5 seconds with red LED solid on) |

**NOT TO BE USED FOR INSTALLATION PURPOSES.**
THIS INFORMATION IS FOR MARKETING PURPOSES ONLY AND NOT INTENDED TO DESCRIBE THE PRODUCTS TECHNICALLY.

**CATALOG NUMBER**
# 5899

## Ordering Information

| Model | Description | Color |
|-------|-------------|-------|
| **Intelligent Heat Detectors** | | |
| MIX-5351AP | Intelligent Heat Detector, Fixed Temperature - UL | White |
| MIX-5351APA | Intelligent Heat Detector, Fixed Temperature - ULC | White |
| MIX-5351RAP | Intelligent Heat Detector, Fixed Temperature with Rate-of-Rise Detection - UL | White |
| MIX-5351RAPA | Intelligent Heat Detector, Fixed Temperature with Rate-of-Rise Detection - ULC | White |
| MIX-5351HAP | Intelligent High Temperature Heat Detector, Fixed Temperature - UL | White |
| MIX-5351HAPA | Intelligent High Temperature Heat Detector, Fixed Temperature - ULC | White |
| **Bases** | | |
| B501-WHITE | 4" Flangeless mounting base - UL/ ULC | White |
| B501-IV | 4" Flangeless mounting base - UL/ ULC | Ivory |
| B300-6 | 6" Flanged mounting base - UL | White |
| B300-6-IV | 6" Flanged mounting base - UL | Ivory |
| B300A-6 | 6" Flanged mounting base - ULC | White |
| B300A-6-IV | 6" Flanged mounting base - ULC | Ivory |
| B200SR-WH | Standard Sounder Base - UL | White |
| B200SR-IV | Standard Sounder Base - UL | Ivory |
| B200SRA-WH | Standard Sounder Base - ULC | White |
| B200SRA-IV | Standard Sounder Base - ULC | Ivory |
| B200SR-LF-WH | Low-frequency Sounder Base - UL | White |
| B200SR-LF-IV | Low-frequency Sounder Base - UL | Ivory |
| B224BI-WH | Isolator Base - UL | White |
| B224BI-IV | Isolator Base - UL | Ivory |
| B224BIA-WH | Isolator Base - ULC | White |
| B224BIA-IV | Isolator Base - ULC | Ivory |
| B224RB-WH | Relay Base - UL | White |
| B224RB-IV | Relay Base - UL | Ivory |
| B224RBA-WH | Relay Base - ULC | White |
| B224RBA-IV | Relay Base - ULC | Ivory |
| **Accessories** | | |
| CK300 | Color Kit (includes cover and trim ring) - Pack of 10 | White |
| CK300-IV | Color Kit (includes cover and trim ring) - Pack of 10 | Ivory |
| CK300-BL | Color Kit (includes cover and trim ring) - Pack of 10 | Black |
| TR300 | Trim Ring | White |
| TR300-IV | Trim Ring | Ivory |
| RA100Z | Remote LED anunciator - UL | Ivory |
| RA100ZA | Remote LED anunciator - ULC | Ivory |

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