

## Heat Detector HD-9

### *rate of rise and fixed temperature detection*

HD-9 is a heat detector with both rate-of-rise and fixed temperature sensors inside. It provides capacities of monitoring the rate of any rise in temperature and detecting a household temperature that may lead to a fire disaster. It is ideal for applications for the environment affected by smoke, such as kitchen.

HD-9 is designed to detect two temperature conditions. It signals an alarm if temperature raises by 8.3 °C per minute. The alarm is also activated if the temperature exceeds the threshold temperature of 57°C. The intelligent design allows appropriate action to be taken and eliminates fire hazards.



### Features:

- High temperature alarm: provides advanced alerts of fire hazards
- Rate of rise alarm: provides early warning for a potential fire risk
- Excellent stability with high sensitivity
- Regular supervision signals for trouble-free system integrity checking
- Automatic low battery warning
- A test button provided for proper function testing
- Built-in alert siren
- Alarm Volume: 95 dB @ 1 meter

### Specifications:

- Power: Alkaline AA x 3
- Battery life: 3 years or over \*
- Radio frequency available : 433 MHz/ 868.35 MHz FM/ 868.6375 MHz Narrow FM
- Radio range: 433 MHz : over 200 meters in open space  
868.35 MHz FM / 868.6375 MHz Narrow FM : over 300 meters in open space
- Operating temperature: -10° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: Ø 105 mm x 42 mm

\* Note: Battery life is calculated at an average of 2 alarm activations (2 minutes) per year.