



333 Bayview Avenue
Amityville, New York 11701
For Sales and Repairs, (800) 645-9445
For Technical Service, (800) 645-9440
Publicly traded on NASDAQ Symbol: NSSC

GEMC-WL-HEAT

Wireless Heat Detector with Rate of Rise

DATA SHEET

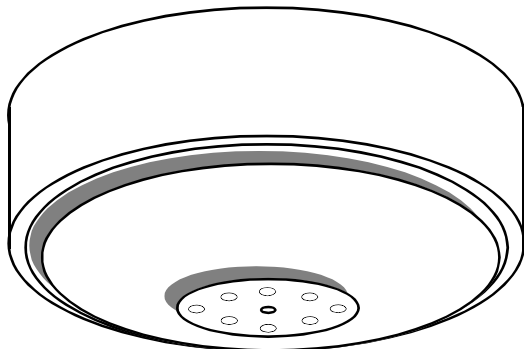
© NAPCO 2010

WI1906 09/10

WARNING: NOT A LIFE SAFETY DEVICE - USE FOR PROPERTY PROTECTION ONLY

DESCRIPTION

The GEMC-WL-HEAT is a high-quality wireless 135°F (57°C) fixed temperature heat detector with Rate of Rise. It is compatible with Napco's GEM-RECV and GEMC-RECV Series supervised receivers that monitor alarms, restores, low battery, tamper and status. **Note:** See Control Unit installation instructions for compatibility. The GEMC-WL-HEAT incorporates circuitry which will transmit an alarm signal upon an alarm condition, generate an hourly supervision test signal to the receiver and also monitor and annunciate low battery.



GEMC-WL HEAT WIRELESS HEAT DETECTOR

Coding switches are not required or used in the GEMC-WL-HEAT. Each transmitter is assigned a unique identification code number at the factory. The transmitter is powered by one 3V Lithium battery (supplied) which can power the unit for up to two years. If the battery voltage drops below normal, a low-battery report will be sent to the receiver with any status or alarm transmission. If a low-battery condition is indicated, replace the battery.

OPERATION

Rate-of-Rise Feature: A temperature increase of 15°F or more per minute will result in an alarm transmission. When the rate-of-rise element alone has been activated, the detector is self-restoring.

Fixed Temperature: If the temperature of the center disk rises to the detector's rated temperature (135°F / 57°C) an alarm transmission will result. When actuated by the fixed temperature element, the detector is non-restorable and must be replaced. The need for replacement is indicated when the center disk has fallen free. Order Edwards Model 281B-PL or GE Model 104-13 to replace

detector.

When the GEMC-WL-HEAT detects an alarm as described above, the integral transmitter will send an alarm signal to the receiver. The alarm signal will be repeated every 10 seconds thereafter as long as the alarm condition is present. A restore report will be sent when the condition clears. Supervision status reports are sent from the GEMC-WL-HEAT every hour.

SPECIFICATIONS

Electrical Ratings

Input Power:

Powered by a 3-volt lithium battery.

Fixed Temperature Point: 135°F (57°C).

Operating Frequency: 319.5Mhz

PHYSICAL

4 $\frac{5}{8}$ " Diameter x 3" Depth

AGENCY LISTINGS

UL864 9th Edition: Commercial Fire

UL985: Household Fire Warning System Units

UL521: Heat Detectors for Fire Protective Signaling Systems

NFPA 72 National Fire Alarm Code

CSFM: California State Fire Marshall (Pending)

FM Approval: (Pending)

NYCFD: NYC Fire Department (Pending)

ORDERING INFORMATION

GEMC-WL-HEAT: Wireless Commercial Fire Device - Heat Detector, 135 F.