SMOKE SENSOR TESTING

Allow smoke from a cotton wick or a test smoke aerosol to enter the detector-sensing chamber for several seconds. When sufficient smoke has entered the chamber, the detector will signal an alarm, this being visible by a continuous illumination of the LED. Reset each detector and/or control unit before attempting to test any additional detectors in the same zone. If the alarm fails in this step, it indicates a defective unit, which requires service.

HEAT SENSOR TESTING

The detector to be tested should be subject to a flow of warm air at a temperature of between 65°C and 80°C. (This requirement can be met by some domestic hair dryers).

Proceed as follows:

1. Switch on the warm airflow and check that temperature is correct and stable.
2. From a distance of several inches, direct the airflow at the guard protecting the thermistor. The detector should alarm within 60 seconds.
3. Upon alarm, immediately remove the heat source and check that the red LED of the detector is illuminated. Reset the detector from the control panel.
4. If detector fails to go into alarm mode within 60 seconds it is too insensitive and needs to be returned to the distributor for servicing.
5. After testing, check that the system is set for normal operation and notify the appropriate authorities that the testing operation is complete and the system is active again.

SPECIFICATION

Fixed Temperature Sensor: 138°F(59°C)
Rate-of-Rise Temperature Sensor: 20°F/min(11.1°C /min)
Humidity Range: 0% to 95% Relative Humidity, non condensing
Operating Temperature Range: -10°C to 37.8°C
The maximum number of detectors allowed to be connected to each initiating device circuit of the control unit is 32.
Compatible Panel: Mircom Technologies Ltd. FA-1000 Series.
Height: 1.8 inches (46 mm) with base
Diameter: 3.93 inches (100 mm) with base
Detail as shown in Form.1

Smoke detectors are not to be used with detector guards unless the combination as been evaluated and found suitable for that purpose.

MAINTENANCE

The recommended minimum requirement for detector maintenance consists of an annual cleaning of dust from the detector head by using a vacuum cleaner cleaning program should be agreed to the individual environment in conformance with NFPA-72A standard.

CAUTION: DO NOT ATTEMPT TO DISASSEMBLY OF THE FACTORY SEALED SMOKE DETECTOR. THIS ASSEMBLY IS SEALED FOR YOUR PROTECTION AND IS NOT INTENDED TO BE OPENED FOR SERVICING BY USERS. OPENING THE DETECTOR HEAD WILL VOID THE WARRANTY.

REFERENCE TO THE TECHNICAL BULLETIN ISSUE NO.
NBTB20081017, REV.F
NB758 USER's MANUAL ,REV.F

Model	2/4 Wire	Thermal	Voltage	Standby Current	Alarm Current	Surge Current	Start-up Time	Reset Time	Reset Voltage	Sample Cycle	Smoke Sensor	Heat Sensor	Reed Switch	Relay Output	Remote LED	Base model
NB758S-2	2	-	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s	√					*.1
NB758S-2M	2	-	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s	√		√			*.1
NB758S-4	4	-	9~33V	50uA	40mA	170uA	60s	3s	<1V	5s	√			√		*.2
NB758S-4M	4	-	9~33V	50uA	40mA	170uA	60s	3s	<1V	5s	√		√	√		*.2
NB758S-2L	2	-	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s	√				√	*.2
NB758S-2LM	2	-	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s	√		√		√	*.2
NB758H-2	2	59°C	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s						*.1
NB758H-2M	2	59°C	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s		√	√			*.1
NB758H-4	4	59°C	9~33V	50uA	40mA	170uA	60s	3s	<1V	5s		√		√		*.2
NB758H-4M	4	59°C	9~33V	50uA	40mA	170uA	60s	3s	<1V	5s		√	√	√	√	*.2
NB758H-2L	2	59°C	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s		√			√	*.2
NB758H-2LM	2	59°C	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s		√	√			*.2
NB758SH-2	2	59°C	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s	√	√				*.1
NB758SH-2M	2	59°C	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s	√	√	√			*.1
NB758SH-4	4	59°C	9~33V	50uA	40mA	170uA	60s	3s	<1V	5s	√	√		√		*.2
NB758SH-4M	4	59°C	9~33V	50uA	40mA	170uA	60s	3s	<1V	5s	√	√	√	√		*.2
NB758SH-2L	2	59°C	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s	√	√			√	*.2
NB758SH-2LM	2	59°C	9~33V	50uA	90mA	170uA	60s	3s	<1V	5s	√	√	√		√	*.2

Form.1

Note: *.1 If a model with the "-2" suffix, the Base model no is P/N772914 or P/N782914
*.2 If a model with the "-2L" or "-4" suffix, the Base model no is P/N774914 or P/N784914

LIMITED WARRANTY STATEMENT

WIZMART TECHNOLOGY, Inc. represents that this product is free from defects in material and workmanship. And it will repair or replace any product or part thereof which proves to be defective in workmanship or material for a period of twelve (12) months from the date of purchase but not to exceed eighteen (18) months after shipment by the manufacturer. For a full description of WIZMART TECHNOLOGY' S LIMITED WARRANTY, which, among other things, limits the duration of warranties of merchantability and fitness for a particular purpose and excludes liability for consequential damages. Please read the entire LIMITED WARRANTY on the WIZMART quotation. Acceptance of order and/or original invoice which will become part of your sales agreement. Please contact WIZMART TECHNOLOGY directly for a return merchandise authorization (RMA) number before returning goods to the factory in NingBo, China R.O.C. Shipment must be prepaid and WIZMART will repair or replace your returned detector.

WIZMART TECHNOLOGY INC.

123, Tong-Hui Road, Jiang-Bei Pioneering Park, Ning Bo City 315033, Zhe-Jiang, China

Tel: +86-574-55003366; Fax: +86-574-55003368

http://www.wizmart.biz