

defective unit, which requires service.

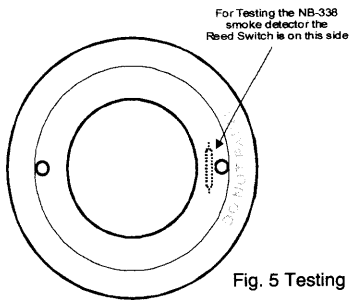


Fig. 5 Testing magnet switch

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 30 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 30 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.

NOT SUITABLE FOR INSTALLATION IN AREAS WHERE AIR VELOCITIES EXCEED 600 meters/min

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 EN 54-7:2000 and EN 54-5:2000 standards.

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. NBTB20041225 REV.D

SPECIFICATION

Model	2/4 wire	Ther mal	Voltage DC	Standby Current (Max.)	Alarm Current (Max.)	Surge Current (Max.)	Start-Up Time (Max.)	Permissible Current (Max.)	Frequency	Alarm Sound level	Alarm contact	Base model
NB-338-4B-12	4	-	10.2-13.8V	90µA	55mA	150µA	60 Seconds	80mA	3-5Seconds	70 dB at 30cm	From A	P/N774912
NB-338-4AR-12	4	-	10.2-13.8V	90µA	35mA	150µA	60 Seconds	80mA	3-5 Seconds	-	From A/Auto Reset	P/N774912
NB-338-4ARB-12	4	-	10.2-13.8V	90µA	65mA	150µA	60 Seconds	80mA	3-5 Seconds	70 dB at 30cm	From A/Auto Reset	P/N774912
NB-338-4HB-12	4	57°C	10.2-13.8V	100µA	55mA	150µA	60 Seconds	80mA	3-5 Seconds	70 dB at 30cm	From A	P/N774912
NB-338-4H-AR-12	4	57°C	10.2-13.8V	100µA	35mA	150µA	60 Seconds	80mA	3-5 Seconds	-	From A/Auto Reset	P/N774912
NB-338-4H-ARB-12	4	57°C	10.2-13.8V	100µA	65mA	150µA	60 Seconds	80mA	3-5 Seconds	70 dB at 30cm	From A/Auto Reset	P/N774912
NB-338-4B-24	4	-	20.4-27.6V	90µA	55mA	150µA	60 Seconds	80mA	3-5Seconds	70 dB at 30cm	From A	P/N774912
NB-338-4AR-24	4	-	20.4-27.6V	90µA	35mA	150µA	60 Seconds	80mA	3-5 Seconds	-	From A/Auto Reset	P/N774912
NB-338-4ARB-24	4	-	20.4-27.6V	90µA	60mA	150µA	60 Seconds	80mA	3-5 Seconds	70 dB at 30cm	From A/Auto Reset	P/N774912
NB-338-4HB-24	4	57°C	20.4-27.6V	100µA	55mA	150µA	60 Seconds	80mA	3-5 Seconds	70 dB at 30cm	From A	P/N774912
NB-338-4H-AR-24	4	57°C	20.4-27.6V	100µA	35mA	150µA	60 Seconds	80mA	3-5 Seconds	-	From A/Auto Reset	P/N774912
NB-338-4H-ARB-24	4	57°C	20.4-27.6V	100µA	60mA	150µA	60 Seconds	80mA	3-5 Seconds	70 dB at 30cm	From A/Auto Reset	P/N774912

Remarks: H-heat/ AR-auto reset function/ B-self buzzer

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