

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



LISTING SERVICE

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CATEGORY: Ionization Smoke Detector (Single/Multiple)

LISTEE: BRK, 3901 W Liberty St Rd., Aurora, IL 60504-8122
Contact: Mark Dippner (630) 851-9309 ext 1422 FAX (630) 851-9309

DESIGN: Model SC9120B single/multiple station, 120 Vac with battery backup, combination smoke (ionization type) and tin oxide carbon monoxide (CO) alarm. "Latching" feature identifies the initiating alarm. Unit incorporates the "hush" feature that can silence the alarm. Unit employs a mandatory smoke overriding feature as the primary signal should both conditions exist simultaneously. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 120 VAC
Battery backup models: Eveready Models 522
Duracell Models MN1604, MX1604
Ultralife U9VL-J

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating, and UL label.

APPROVAL: Listed as combination ionization smoke and tin oxide carbon monoxide detector. Refer to listee's Installation Instruction Manual for details.

This unit can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition.

NOTE: The ionization type detectors are generally more effective at detecting fast, flaming fires, which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires, which smolder for hours before bursting into flames. Sources of these fires may include cigarettes burning in couches or bedding.

01-12-2005



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 6, 2008**

Listing Expires June 30, 2009

Authorized By: **BEN HO, Chief**
Fire Engineering Division