

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

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LISTING No. 7259-1682:101

CATEGORY: Air Sampling Smoke Detector

LISTEE: AirSense Technology Ltd., 71, Knowl Piece, Wilbury Way, Hitchin, Herts SG5 3TS, U.K.
Contact: Alastair J. Archibald (+44) 146-244-0666 FAX (+44) 146-244-0888

DESIGN: Model Airsense Stratos HSSD2 aspirating smoke detector, air sampling, laser. The detectors are intended to detect an abnormal amount of smoke density in the area from which the detector is sampling and transmit this alarm signal to a fire alarm control panel. The fan draws in air from which a small amount of air is passed in to the detector chamber. Maximum sampling tube length is 200 meters (656 feet) for all four tubes total. The number of particles contained within the sampled air is measured using a laser. Refer to listee's data sheet for additional detailed system description and operational considerations.

RATING: 21.6 to 26.4 V dc 250 mA

INSTALLATION: In accordance with listee's printed installation instructions, NFPA 72, other applicable codes & 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 an air sampling smoke detector system for use with separately listed compatible control unit. Detector must be used with a U.L. 1481 Listed power supply. Also suitable for open area protection. The detector is to be connected directly to control and indicating for fire evacuation purposes. Authority having jurisdiction should be consulted prior to installation. Refer to listee's Installation Instruction Manual for details.

11-13-2006 jw



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: **JULY 27, 2007**

Listing Expires June 30, 2008

Authorized By: **MIKE TANAKA**, Senior Deputy State Fire Marshal
Program Manager