

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



LISTING SERVICE

LISTING No. 7210-1550:101

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CATEGORY: Flame Detector

LISTEE: Spectrex, Inc., 218 Little Falls Road, Cedar Grove, NJ 07009
Contact: Eric Zinn (800) 452-2107 Fax (973) 239-7614

DESIGN: Model 20/20SH SHARPEYE™ triple IR (IR3) hydrogen optical infrared flame detector. Unit is a self-contained triple spectrum detector utilizing the highly infrared (IR) design scan. Specifically designed for the detection of hydrogen, ethanol and methane fires. Refer to listee's data sheet for detailed product description and operational considerations.

RATING: 18-32 VDC

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 FM label.

APPROVAL: Listed as flame detectors for use with separately listed compatible fire alarm control units. Suitable for indoor and outdoor use (with NEMA 6P enclosure) in ambient temperatures range from -40°F to 158°F. Suitable for use in Class I, Division 1, Groups B, C, D (explosion-proof) and Class II, Division I, Groups E, F and G (dust ignition-proof) hazardous locations. Authority having jurisdiction should be consulted prior to installation.

08-22-2006 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: **MAY 29, 2008**

Listing Expires June 30, 2009

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