



Certificate of Compliance

FIRE PROTECTION EQUIPMENT

This certificate is issued for the following equipment:

Kidde AirSense Stratos HSSD2

Approval Guide Listing: Category:

☒ Electrical Signaling ☒ Alarm Signal Initiating Devices ☒ Fire Detection, Smoke-Actuated ☒ Fire Detectors-Smoke
☒ Electrical Signaling ☒ Alarm Signal Initiating Devices ☒ Fire Detection, Smoke-Actuated ☒ Very Early Warning Fire
Detection (VEWFD) Systems

Carrier Fire & Security B.V.
Kelvinstraat 7
Weert, DH 6003
Netherlands

This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

Approval Standards

Class Number
3230-3250

Date
February 1976

Other Standards

Organization, Designation
ANSI/ NFPA 72

Date
1999

Original Approval Job Identification: 3014717

Approval Granted: 7 June 2021

Related Report: N/A

Subsequent Revisions: 3051249 (February 5, 2014)
RR201740 (June 30, 2015)
RR203119 (November 25, 2015)
RR228949 (July 21, 2021)

To verify the availability of the Approved product, please refer to www.approvalguide.com



Member of the FM Global Group

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8 September 2021

Date





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Kidde AirSense Stratos HSSD2

Kidde AirSense Stratos HSSD2 aspirating type high sensitivity smoke detector. For use with compatible FM Approved fire alarm controls via the standard relay contacts on the terminal board of the detector. The system consists of a standard HSSD2 detector, or a network with a command module and connected standard detectors. Each detector can accommodate up to four sampling pipe inlets. The firmware version is 1.7 for the command module and 2.6 for the standard detector. The sampling pipe network connected to the detector is designed using the PipeCAD design tool. The detector has a sensitivity range is 0.01%/ft (0.003 dB/m) to 4%/ft (1.2 dB). The Stratos HSSD2 operates from 120V ac primary power supplied by an FM Approved power supply. Secondary power is from two 12V ac, 26 AH batteries for 24 hours. It is suitable for indoor use only in ambient temperatures of 14°F to 140°F (-10°C to 60°C). A balanced sampling piping network must be installed.

PipeCAD software version 2.9.X is approved for calculating sampling pipe networks.



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