

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



LISTING SERVICE

LISTING No. 3240-0410:0155 Page 1 of 1

CATEGORY: 3240 -- DUCT SMOKE DETECTOR HOUSING/BASE

LISTEE: Hochiki America Corporation 7051 Village Drive, Ste. 100, Buena Park, CA 90621-2268
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DESIGN: Models DH-98-I, DH-98-P, DH-98-A, DH-98-ARSK, DH-98-ASK, DH-98-AR, DH-98-HVI, DH-98-HVP, DH-99-A duct smoke detectors with ALK-D in duct housing, DH-99-AR duct smoke detector with ALK-D in duct housing, *DH-100-P duct smoke detector with SOC-24DH in duct housing, FFO-DUCT duct smoke detector with FFO-DH in duct housing, and FFO-DUCTR duct smoke detector with FFO-DH in duct housing, duct smoke detector units. Each unit consists of a smoke detector head, plastic enclosure, plastic cover, relays, electrical components, and sampling and exhaust tubes. The smoke detector heads are not suitable for use as open area detection. Refer to listee's data sheet for additional, detailed product description and operational considerations. For use with the following accessories: MS-RA, MS-RA/P, MS-RA/R, MS-RA/P/R, MS-KA/R, MS-KA/P/R, SD505-DTS-K, and MS-RH/KA/P/R remote alarms.

RATING: 120 VAC, 230 VAC, 24 VAC, and 24 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 designation, electrical rating, and UL label.

APPROVAL: Listed as duct smoke detector units for use with separately listed compatible fire alarm control units to detect an abnormal amount of smoke density in the supply air ducts of air conditioning and ventilating systems. The air velocity in the duct shall be between 300-4000 fpm. *For Model DH-100-P, the air velocity in the duct shall be between 1000-4000 fpm.

NOTE: For duct application only. Not suitable for open area protection.

*Revision 5-10-21 VWW



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

Date Issued: **July 01, 2021**

Listing Expires **June 30, 2022**

Authorized By: **DAVID CASTILLO, M.E., F.P.E.**
Fire Engineering Division