

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



# LISTING SERVICE

**LISTING No.** 7272-0410:0107

Page 1 of 1

**CATEGORY:** 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models SLG-12, SLG-24, SLG-24FH, SLG-24F, SLK-12, SLK-24F, SLK-24FH, SLK-24FB, SLK-24FL, SLK-24FLB, SLK-835, SLK-835H, SLR-835, SLR-835W, SLR-835B-2, SLR-835B-4, SLR-835B-2W, SLR-835B-4W, SLR-24, SLR-24H, SLR-24V, \*SLR-24VN, SLR-835H, SLR-835HW, SLR-835BH-2, SLR-835BH-2W, SLR-835BH-4, SLR-835BH-4W photoelectric type smoke detectors. Unit with suffix -H or -FH employs a supplemental heat sensor. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 12 VDC and 24 VDC

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & 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 photoelectric smoke detectors for use with separately listed compatible fire alarm control units when used in conjunction with listee's listed bases (CSFM Listing No. 7300-0410:132). Models with supplemental heat sensor are not approved for use in lieu of required heat detectors.

**NOTE:** Formerly 7257-0410:107

\*Rev 2-14-2003 IPI



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Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7270-0410:0119

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**CATEGORY:** 7270 -- HEAT DETECTOR

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models AL-DFE-135 and AL-DFE-190. Refer to listee's data sheet for detailed product description and operational considerations.

**INSTALLATION:** In accordance with the 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, temperature & electrical ratings and UL label.

**APPROVAL:** Listed as system heat detectors when used in conjunction with listed compatible bases (CSFM Listing No. 7300-0410:132) and separately listed compatible control units.

\*Rev 11-16-2000



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# LISTING SERVICE

**LISTING No.** 7300-0410:0132

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**CATEGORY:** 7300 -- FIRE ALARM CONTROL UNIT ACCESSORIES/MISC. DEVICES

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Detector bases (2 and 4-wire). Unit is intended for use with a separately listed compatible detector head. Refer to listee's data sheet for detailed product description and operational considerations. Models listed below.

HA-4W	HA-4W1	HA-4WX	HA-2
HA-SL	HA-SR	HA-SLR	HA-RA2
HA-NRA2	HA-L12R	HA-2R	HA-22R
HA-L2	HA-L2A	HA-L2R	HA-L22
HA-L22A	HA-L22F	HA-L22R	HA-L22S
HA-LA2	HA-LRA	HA-LRA2	HA-LNA2
HA-LNRA2			
HS-2	HS-2L	HS-2D	HS-21
HS-21L	HS-21D	HS-22	HS-22L
HS-22D	HS-100	HS-200D	HS-220
HS-220L	HS-220D	HS-221	HS-221L
HS-221D	HS-221X	HS-221XL	HS-221XD
HS-224	HS-224L	HS-224D	HS-225
HS-225L	HS-225D	HS-2RB	HS-21RB
HS-220RB	HS-221RB	HS-224RB	HS-2RB4
HSB-2	HSB-2N	HSB-12-1	HSB-12-1N
HSB-12-4	HSB-12-4N	HSB-21	HSB-21N
HSB-100	HSB-200	HSB-200N	HSB-220
HSB-220N	HSB-221	HSB-221N	HSB-221S
HSB-224	HSB-224N	HSB-225	HSB-225N
HSC-4R	HSC-21L	HSC-220L	HSC-220R
HSC-221L	HSC-221R	HSC-224RA	HSC-224L
HSC-224R	HSC-225L	HSB-DCP-6	HSB-NSA-6
YBA-M2	YBA-M21	YBA-M22	YBA-M220
YBA-M221	YBA-M224	YBA-M225	YBA-M100
YBA-MAP	YBA-R3	YBA-RL/4	YBA-RL/4-1
YBA-RL/4-2	YBA-RL/4-RA	YBC-RL/12	YBC-RL/12-1

\*Corrected 11-6-2001



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YBC-RL/12-2	YBC-RL/12-4	YBC-RL/4-RA	YBC-RL/2NC
YBC-RL/2NBE	YBJ-RL/2ND	YBN-R/2NA	YBN-NSA-4
NS4-100	NS4-220	NS4-221	NS4-224
NS6-100	NS6-220	NS6-221	NS6-224

Models may or may not come with suffix -W.

**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 bases for use with listee's separately listed compatible smoke and heat detectors. Refer to heat or smoke detector listings for compatibility. Models HA-2R, HA-SLR, HA-LRA2 and HSC Series w/ suffix R are also suitable for releasing device service. Model YBA-R3 is intended for use with thermostat detector only.

**NOTE:** Formerly 7300-0410:100, 106, 115, 124, 125, 126, 130, 131 & 133

\*Corrected 11-6-2001



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# LISTING SERVICE

**LISTING No.** 7271-0410:0135 Page 1 of 1

**CATEGORY:** 7271 -- SMOKE DETECTOR-SYSTEM TYPE-IONIZATION

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models SIH-24F and \*SIJ-24 ionization type smoke detector. Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** 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 number, electrical rating and UL label.

**APPROVAL:** Listed as ionization smoke detectors when used in conjunction with listed bases (CSFM Listing No. 7300-0410:132) and separately listed compatible fire alarm control units.

**NOTE:** Formerly 7256-0410:110 & 135

\*Rev 11-16-2000



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# LISTING SERVICE

**LISTING No.** 7270-0410:0147

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**CATEGORY:** 7270 -- HEAT DETECTOR

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model ATG-EA electronic fixed temperature heat detector (analog) with Models YBN-NSA-4 and HSB-NSA-6 bases. Unit consists of resistors, capacitors, diodes, transistors, LED, thermistors, mounted on a printed wiring board inside an enclosure. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** Electrical: 39.5 VDC  
Temperature Range: 134 F - 149 F

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

**MARKING:** Listee's name, model designation, electrical/temperature rating and UL label.

**APPROVAL:** Listed as heat detector for use with separately listed compatible fire alarm control units.

\*Corrected 11-6-2001



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# LISTING SERVICE

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**LISTING No.** 7271-0410:0148

**CATEGORY:** 7271 -- SMOKE DETECTOR-SYSTEM TYPE-IONIZATION

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model AIE-EA analog addressable ionization type smoke detector with Models YBN-NSA-4 and HSB-NSA-6 bases. Unit consists of resistors, capacitors, diodes, transistors, LED, diodes and ionization chamber, mounted on a printed wiring board inside an enclosure. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 39.5 VDC

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & 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 ionization type smoke detector for use with separately listed compatible fire alarm control units.

**NOTE:**

\*Rev 11-16-2000



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# LISTING SERVICE

**LISTING No.** 7272-0410:0149 Page 1 of 1

**CATEGORY:** 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models ALG-EA and ALG-V analog addressable photoelectric type smoke detector with Models YBN-NSA-4 and HSB-NSA-6 bases. Unit consists of resistors, capacitors, diodes, transistors, LED, photo diode, mounted on a printed wiring board inside an enclosure. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 39.5 VDC

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & 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 photoelectric smoke detector for use with separately listed compatible fire alarm control units. \*Model ALG-V is suitable for in duct use in air velocities up to 4000 ft/min.

**NOTE:**

\*Rev 1-31-2008 mt



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# LISTING SERVICE

**LISTING No.** 7300-0410:0150

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**CATEGORY:** 7300 -- FIRE ALARM CONTROL UNIT ACCESSORIES/MISC. DEVICES

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Control Unit Accessories Models:

DCP-RM, DCP-R2M; Analog Relay Module  
DCP-SCI; Short Circuit Isolator  
DCP-FRCME, DCP-FRCME-M\*, DCP-FRCME-P; Monitor Modules  
DCP-FRCME-S, DCP-FRCME-4; Monitor Modules  
DCP-FRCME-S-100, DCP-FRCME-4-100; Monitor Modules  
DCP-SOM; Supervised Output Module  
DCP-SRM; Solenoid Releasing Module  
DCP-DIMM; Dual Input Monitor Module  
CZM; Conventional Zone Module  
DCP-SOM-A; Supervised Output Module  
DCP-SOM-R; Supervised Output Module Release  
DCP-SOM-AI; Supervised Output Module with Integrated SCI  
DCP-FRCMA; Input Module Box Mount  
DCP-FRCMA-I; Input Module Box Mount with Integrated SCI  
DCP-R2MH; Dual Relay Module, 2 amps @ 30VDC  
DCP-R2MH-I; Dual Relay Module, 2 amps @ 30VDC with Integrated SCI  
DCP-R2ML; Dual Relay Module, 8 amps @ 30VDC  
DCP-R2ML-I; Dual Relay Module, 8 amps @ 30VDC with Integrated SCI

Refer to listee's data sheet for additional detailed product description and operational considerations.

**INSTALLATION:** In accordance with listee's printed installation instructions, 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 control unit accessories for use with separately listed compatible fire alarm control units. Refer to listee's Installation Instruction Manual for details.

\*Rev. 09-22-10 bh



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# LISTING SERVICE

**LISTING No.** 7270-0410:0151

Page 1 of 1

**CATEGORY:** 7270 -- HEAT DETECTOR

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models DCD-135 and DCD-190, fixed temperature and rate of rise heat detectors. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** Temperature: DCD-135: 135 F  
DCD-190: 190 F

**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, rating and UL label.

**APPROVAL:** Listed as fixed temperature and rate of rise heat detector for use listed bases (CSFM Listing No. 7300-0410:132) and separately listed fire alarm control units.

\*Rev 11-16-2000



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# LISTING SERVICE

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**LISTING No.** 7120-0410:0153

**CATEGORY:** 7120 -- ANNUNCIATORS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model HRAM-208 remote multiplex annunciator and HRTI-1 Remote trouble Indicator. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 20-19 VDC

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

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

**APPROVAL:** Listed as annunciator panel for use with listee's separately listed compatible Model HCP-200 Series fire alarm control unit (CSFM Listing No. 7165-0410:152).

**XLF:** 7120-1477:0108

\*Rev 11-16-2000



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# LISTING SERVICE

**LISTING No.** 7165-0410:0154

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**CATEGORY:** 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** HCP-1000 fire alarm control unit. Non-coded, automatic, manual, local, auxiliary, remote station, waterflow and sprinkler supervisory service. System components:

HCP-1000	Control Unit
HBB-1024, HBB-1072	Backbox
HMCC-1024-6, -12	24-Zone Chassis
HMCC-1024-6S, -12S	24-Zone Chassis
HECH-1048	Expander Chassis
HDM-1008	8-Zone Detection Module
HSGM-1004	4-Zone NAC Module
HRM-1008	Relay Adder Module
HPR-100	Polarity Reversal and City Tie
HFA-1024TR	Flush Trim Ring

**INSTALLATION:** In accordance with listee's printed installation instructions, 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 fire alarm control units for use with separately listed electrically and functionally compatible initiating and indicating devices.

This control unit can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition. Refer to listee's Installation Manual for details.

This control unit meets the requirement of UL-864, 8th Edition Standard.

**NOTE:** For Fire Alarm Verification Feature (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

**XLF:** 7165-1477:0106

\*Rev 11-16-2000



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# 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, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models DH-98-I, DH-98-P, DH-98-A, \*DH-98-ARSK, DH-98-ASK, DH-98-AR, DH-98-HVI and DH-98-HVP duct smoke detector units. Each unit consists of a smoke detector head, Models SIJ-24DH (ionization type), SLR-24DH, ALG-DH, or ALG-EA (photoelectric type), 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 & 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 return air ducts of air conditioning and ventilating system. The air velocity in the duct shall be between 300-4000 fpm.

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

\*Rev 3-24-2009 bh



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# LISTING SERVICE

**LISTING No.** 7120-0410:0157

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**CATEGORY:** 7120 -- ANNUNCIATORS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model HRA-1000 remote multiplex annunciator panel. The main annunciator module provides indication for 32 zones. Each adder annunciator module provides indication for 48 additional zones. Unit includes main annunciator chassis HRAM-1032 and adder annunciator chassis HRAX-1048. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 20-29 VDC

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

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

**APPROVAL:** Listed as annunciator panel for use with listee's separately listed compatible Model HPC-1000 fire alarm control unit (CSFM Listing No. 7165-0410:154).

**XLF:** 7120-1477:0107

\*Rev 11-16-2000



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Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
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FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



# LISTING SERVICE

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**LISTING No.** 7260-0410:0158

**CATEGORY:** 7260 -- SMOKE DETECTION SYSTEM-BEAM TYPE

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model SRA-24 projected beam smoke detector. Unit consists of a transmitter/receiver unit and a reflector unit. This device is intended for ceiling installation only between 25 to 100 ft apart. Refer to the listee's data sheet for detailed product description and operational considerations.

**RATING:** 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 number, electrical ratings, and UL Label.

**APPROVAL:** Listed as beam smoke detector for use with separately listed compatible fire alarm control units. Refer to listee's Installation Instructions Manual for details.

4-14-03 KK



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*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7165-0410:0159

Page 1 of 2

**CATEGORY:** 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model FireNet 4127 Analog Addressable fire alarm control unit. Automatic, manual, waterflow and sprinkler supervisory service. Refer to the listee's data sheet for detailed product description and operational considerations. System components:

<u>MODULE</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
FN-4127-BO	(K6002)	Control Board
FN-4127-IO	(K6006)	16 Channel Input/Output Board
FN-4127-CPA-BO	(K6001)	Front LCD Indicator Panel
FN-4127-SLC	(K6004)	Loop 3, 4 Board
FN-4127-NIC	(K6005)	Network Card
FN-PS402	(S402)	Power Supply
FN-DAC	(FN-DAC)	Digital Alarm Communicator
FN-ENC	(FN-ENC)	Enclosures
FN-ACC	(FN-ACC)	Battery/Accessory Enclosure
FN-CTM	(7000-00780)	City Tie Module
D9068	(D9068)	Bosch Digital Alarm Communication Transmitter
HMX-DP		Voice Evacuation System Distribution Panel
HMX-MP		Voice Evacuation System Master Panel
EVX-100		Audio Adjunct Module
EVX-RM		Remote Microphone

**INSTALLATION:** In accordance with listee's printed installation instructions, 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 fire alarm control unit for use with separately listed compatible initiating and indicating devices. \*Also suitable for high-rise applications.

These control units can generate the distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal as required per NFPA 72, 2002 Edition.

This control unit meets the requirements of UL-864, \*9th Edition Standard

**NOTE:** 1. For Fire Alarm Verification Feature (Delay of fire alarm), the maximum

\*Rev 6-24-2009 fm



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Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
Fire Engineering Division

Retard/Reset/Restart period must be adjusted to 30 seconds or less.

2. Combined with 7170-0410:170

\*Rev 6-24-2009 fm



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Date Issued: **July 01, 2011**

*Listing Expires* **June 30, 2012**

Authorized By: **FRANCIS MATEO**, Program Coordinator  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7300-0410:0160

Page 1 of 1

**CATEGORY:** 7300 -- FIRE ALARM CONTROL UNIT ACCESSORIES/MISC. DEVICES

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models SBC-2, -2R, -4/12, -4/24 detector sounder base. The use of suffix "W" indicates the color white. Unit SBC-2R employs a relay. SBC-4 models employ extra output leads for connection to a control panel initiating loop. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:**

**INSTALLATION:** In accordance with listee's printed installation instructions, 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 detector base for use with separately listed functionally and electrically compatible fire alarm control units. Designed specifically for use with listee's Models SIJ-24 (CSFM Listing No. 7271-0410:135) Ionization Smoke Detector or Models SLR-24V, SLR-835 (CSFM Listing No. 7272-0410:107) Photoelectric Smoke Detector. Refer to listee's Installation Instruction Manual for details.

**NOTE:** These appliances can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition.

10-27-2003



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7300-0410:0161 Page 1 of 1

**CATEGORY:** 7300 -- FIRE ALARM CONTROL UNIT ACCESSORIES/MISC. DEVICES

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model ASB detector sounder base. Unit has an integral audible signal for use with spot-type detector units. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:**

**INSTALLATION:** In accordance with listee's printed installation instructions, 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 a detector base for use with separately listed functionally and electrically compatible fire alarm control units. Designed specifically for use with listee's Model ALG-V (CSFM Listing No. 7272-0410:149) Photoelectric Smoke Detector; Model AIE-EA (CSFM Listing No. 7271-0410:148) Ionization Smoke Detector; or Model ATG-EA (CSFM Listing No. 7270-0410:147) Heat Detector. Refer to listee's Installation Instruction Manual for details.

**NOTE:** These appliances can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition.

8-24-2004



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

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**LISTING No.** 7150-0410:0162

**CATEGORY:** 7150 -- FIRE ALARM PULL BOXES

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models HPS-SAH, HPS/SAK, HPS-DAH, HPS-DAH/S, and HPS-SAH-WP with or without the suffix DA-C non-coded manual pull stations. Refer to listee's data sheet for detailed product description and operational considerations.

**INSTALLATION:** In accordance with listee's printed installation instructions and 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 fire alarm manual pull stations for use with separately listed compatible fire alarm control units. Model HPS-SAH-WP is suitable for outdoor use. Refer to listee's Installation Instruction Manual for details.

\* These manual pull boxes do not meet the requirements of UL Standard 38, 1999 Edition and California amendments.

**XLF:** 7150-1039:0101

\*Updated 6-22-2009 fm



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Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
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# LISTING SERVICE

**LISTING No.** 7151-0410:0163 Page 1 of 1

**CATEGORY:** 7151 -- BOXES/PULL STATIONS-HAZARDOUS LOCATIONS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model HPS-SA-EX/WP with or without the suffix DA-C non-coded, explosion proof, weather proof manual pull stations. These devices consist of a switch and terminal block mounted within an explosion proof enclosure. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** Electrical: 120 VAC, 10 A

**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 fire alarm manual pull stations for use with separately listed compatible fire alarm control units. Suitable for use outdoor and in Class I, Group B, C and D; Class II, Group E, F and G hazardous locations. Refer to listee's Installation Instruction Manual for details.

\*These manual pull boxes meet the requirements of UL Standard 38, 1999 Edition with California amendments except for models with suffixes -DAH.

**XLf:** 7151-1039:0104

\*Updated 08-27-2009 fm



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Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

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**LISTING No.** 7150-0410:0164

**CATEGORY:** 7150 -- FIRE ALARM PULL BOXES

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models HPS-CP and HPS/CP/S non-coded boxes. Refer to listee's data sheet for detailed product description and operational considerations.

**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 name, and UL label.

**APPROVAL:** Listed as fire alarm pull boxes for use with separately listed compatible fire alarm control units. Refer to listee's Installation Instruction Manual for details.

\* These manual pull boxes do not meet the requirements of UL Standard 38, 1999 Edition and California amendments.

**XLF:** 7150-0512:0006

\*Updated 6-22-2009 fm



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Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
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# LISTING SERVICE

**LISTING No.** 7120-0410:0165

Page 1 of 1

**CATEGORY:** 7120 -- ANNUNCIATORS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model \*FN-LCD-N Network LCD Annunciator and \*\*Model FN-LCD-S Serial LCD Annunciator. Connects to the control panel via the RS-485 network interface. Employs four Form C relays that are unsupervised. \*\*Up to 16 FN-LCD-S Serial LCD Annunciators can be connected to one control panel. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 24 VDC

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

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

**APPROVAL:** Listed as annunciator panel for use with listee's separately listed compatible Model FireNet 4127 fire alarm control unit (CSFM Listing No. 7165-0410:159). Refer to listee's Installation Instruction Manual for details.

**NOTE:**

\*Recert 4-12-2007 jw



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Date Issued: **July 01, 2011**

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# LISTING SERVICE

**LISTING No.** 7315-0410:0166

**CATEGORY:** 7315 -- POWER UNITS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models FN-642-ULADA, FN-842-ULADA and FN-1042-ULADA Indicating Circuit Power Supply may be followed by -R, -G, -C, or -B. Units are a regulated 12 or 24 VDC power supply/charger used for supervision and expanded power driving capability of four notification appliance circuits. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 115 VAC primary, 12 or 24 VDC secondary

**INSTALLATION:** In accordance with listee's printed installation instructions, 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 power supply units for use with separately listed compatible fire alarm control units. Refer to listee's Installation Instruction Manual for details.

**NOTE:** The system must have the secondary power supply capable of operating the system for at least 24 hours battery standby) in the normal condition and followed by not less than 5 minutes of alarm as required by code. The battery circuit must be fully supervised.

**XLF:** 7315-1335:0109

5-3-2005



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Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

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*Fire Engineering Division*

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# LISTING SERVICE

Page 1 of 1

**LISTING No.** 7315-0410:0167

**CATEGORY:** 7315 -- POWER UNITS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models FN-1024ULX, FN-300ULX and FN-400ULX power supply units may be followed by -G, -R, -C, or -B. Models FN-300ULX series are designed to charge sealed lead acid type rechargeable batteries. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 115 VAC input, 12 or 24 VDC output

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction. For fire alarm use, the standby batteries must provide 24 hours standby power during power loss.

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

**APPROVAL:** Listed as power supply units for use with separately listed compatible fire alarm control units to provide power for door holders, door strikes or similar devices. Refer to listee's Installation Instruction Manual for details.

**NOTE:** Not suitable for fire alarm indicating devices.

**XLF:** 7315-1335:0100

5-3-2005



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Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7315-0410:0168 Page 1 of 1

**CATEGORY:** 7315 -- POWER UNITS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models FN-600ULX-G, -R, -C, -B Power Supply Units. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 115 VAC input, 12 or 24 VDC output

**INSTALLATION:** In accordance with listee's printed installation instructions, 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 power supply units for use with separately listed compatible fire alarm control units. Also suitable for use with access control systems. Authority having jurisdiction should be consulted prior to installation.

**NOTE:** For fire alarm use, the standby batteries must provide at least 24 hours standby power during power loss. The battery circuit must be fully supervised.

**XLF:** 7315-1335:0104

5-3-2005



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Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
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# LISTING SERVICE

**LISTING No.** 7150-0410:0169

Page 1 of 1

**CATEGORY:** 7150 -- FIRE ALARM PULL BOXES

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models DCP-AMS, DCP-AMS-LP, DCP-AMS-KL and DCP-AMS-KL-LP addressable fire alarm manual pull boxes. "LP" suffix is a dual action box. "KL" suffix is a key lock access box. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 33 Vdc

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

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

**APPROVAL:** Listed as fire alarm manual pull boxes for use with separately listed electrically and functionally compatible fire alarm control units.

\* These manual pull boxes meet the requirements of UL Standard 38, 1999 Edition and California amendments except models with "LP" suffixes.

\*Updated 07-07-10 fm



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Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
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# LISTING SERVICE

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**LISTING No.** 7260-0410:0172

**CATEGORY:** 7260 -- SMOKE DETECTION SYSTEM-BEAM TYPE

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model SPC-24 Projected Beam, Smoke-Automatic Fire Detector. Unit consists of one emitter unit and one receiver unit. Refer to listee's printed data sheet for additional product description and operational consideration.

**RATING:** 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 number, electrical ratings, and UL Label

**APPROVAL:** Listed as beam smoke detectors for use with separately listed compatible fire alarm control units.

**NOTE:**



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Date Issued: **July 01, 2011**

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Authorized By: **FRANCIS MATEO**, Program Coordinator  
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# LISTING SERVICE

**LISTING No.** 7272-0410:0173 Page 1 of 1

**CATEGORY:** 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models ALK-V and ALK-V2\* analog addressable photoelectric type smoke detector with listed compatible bases, Hochiki Model YBN-NSA-4 or HSB-NSA-6 (CSFM Listing No. 7300-0410:132). Unit consists of resistors, capacitors, diodes, transistors, LED, photo diode, mounted on a printed wiring board inside an enclosure. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 39.5 VDC

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & 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 photoelectric smoke detector for use with separately listed compatible fire alarm control units. Also suitable for in-duct use in air velocities up to 4000 ft/min.

\*Rev. 12-17-2009 fm



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Date Issued: **July 01, 2011**

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# LISTING SERVICE

Page 1 of 1

**LISTING No.** 7272-0410:0174

**CATEGORY:** 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models SLV-24, SLV-24V, SLV-24N and SLV-24M\* Conventional, Photoelectric Type Smoke Detectors. Detectors are for use with listed Models NS4-220, NS4-224, NS6-220, NS6-224, HSC-4R, HSC-220R, and HSC-224R Bases. Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** 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 number, rating and UL label.

**APPROVAL:** Listed as photoelectric smoke detectors for use with listed bases as shown in "DESIGN" and compatible listed fire alarm control units.

3-19-2008



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
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FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



# LISTING SERVICE

**LISTING No.** 6911-0410:0175 Page 1 of 1

**CATEGORY:** 6911 -- VOICE COMMUNICATION SYSTEMS CONTROL UNITS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models FNV-MP and FNV-DP audio adjunct/voice evacuation systems. The FNV-MP is the master panel in the system while the FNV-DP is the distributed panel. Each system is modular in construction. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

- FNV-PWR2A: Power Supply
- FNV-MFP: Master Fire Phone Card
- FNV-DCC : Data Communication Control Card
- FNV-ASC : Audio System Control Card
- FNV-SSC : Switch Scan Card
- FNV-MMC : Microphone Master Control Card
- FNV-IOI : Input/Output Card
- FNV-SLC : Switch and LED Card
- FNV-MFH : Master Fire Phone Handset Card
- FNV-MBR :Motherboard Card
- FNV-AMI : Audio Module Interface Card
- FNV-FPI : Motherboard/Relay Card
- FNV-25E, -50E or -100E : Audio Adjunct Systems\*

**RATING:** 120 VAC

**INSTALLATION:** In accordance with listee's printed installation instructions, 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 voice communication/evacuation/relocation/paging system for use with separately listed electrically compatible fire alarm control unit. Suitable for high rise applications when used in conjunction with separately listed electrically compatible high rise fire alarm control units. Refer to listee's Installation Instruction Manual for details.

**XLF:** 6911-1446:0103

\*Corrected 03-14-11 bh



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 6911-0410:0176 Page 1 of 1

**CATEGORY:** 6911 -- VOICE COMMUNICATION SYSTEMS CONTROL UNITS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models EVAX 25, -25E, -50, -50E, -100, -100E, -150, -150E, -200, -200E audio adjunct system. These units are intended to be used in conjunction with a listed electrically compatible fire alarm control unit to provide voice communication, paging, evacuation tone signals, and voice alarm signals with voice override. Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** Input: 24-32 VAC/DC, Standby: 24 VDC, 7 Ah Battery

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

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

**APPROVAL:** Listed as a voice/tone communication/evacuation/relocation/audio adjunct system for use with separately listed electrically compatible fire alarm speakers and control units. Supervision is dependent upon the fire alarm control panel. Refer to the control panel's listing and installation instructions for proper configurations. Suitable for high rise applications when used in conjunction with separately listed fire alarm control units. Refer to listee's Installation Instruction Manual for details.

**XLF:** 6911-1446:0100

8-28-2008 bh



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

Page 1 of 1

**LISTING No.** 6912-0410:0177

**CATEGORY:** 6912 -- VOICE COMMUNICATION ACCESSORIES

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model EVX-4Z and EVX-2ZA zone splitters. The unit is intended to be used in conjunction with a listee's separately listed Model EVAX-25 audio adjunct system (CSFM Listing No. 6911-0410:176). Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** Input: 24-28 VDC

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

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

**APPROVAL:** Listed as a voice communication/audio adjunct system accessories.

**XLF:** 6912-1446:0101

8-28-2008 bh



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7270-0410:0178

Page 1 of 1

**CATEGORY:** 7270 -- HEAT DETECTOR

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models DSC-EA Rate-of-rise heat detector. Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** 24 VDC

**INSTALLATION:** In accordance with the 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 heat detector when used in conjunction with listed compatible HSB-100 base (CSFM Listing No. 7300-0410:132) and separately listed compatible control units.

12-15-2009 fm



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO**, Program Coordinator  
Fire Engineering Division

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# LISTING SERVICE

**LISTING No.** 3242-0410:0179

Page 1 of 1

**CATEGORY:** 3242 -- DUCT SMOKE DETECTOR, PHOTO. (W/ OR W/O BASE)

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model ALK-D duct smoke detector, analog, addressable photoelectric type sensor. Refer to listee's data sheet for additional detailed product description and operational considerations.

**INSTALLATION:** The unit is intended to be installed to and mounted in air ducts with airflows up to 4000 ft/min. In accordance with listee's printed installation instructions and 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 photoelectric type, duct smoke detectors for use with separately listed compatible fire alarm control unit, Hochiki Model FireNet 4127 (CSFM Listing No. 7165-0410:159). The unit is for use with listed compatible bases, Hochiki Model YBN-NSA-4 or HSB-NSA-6 (CSFM Listing No. 7300-0410:132). Suitable for use in ducts with airflows up to 4000 ft/min. Refer to listee's Installation Instruction Manual for details.

12-16-2009 fm



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7165-0410:0180 Page 1 of 1

**CATEGORY:** 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models FIRENET PLUS 1127 Series. Analog Addressable Fire Alarm System. May be followed by suffixes -R or -C which represents the color of the panel enclosure, -R for red, -C for charcoal. Local, manual and automatic, sprinkler supervisory and waterflow services. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

FNP-1127-R; Loop Not Expandable, Red  
FNP-1127-C; Loop Not Expandable, Charcoal  
FNP-1127D-R; Loop W/Integrated Dialer, Not Expandable, Red  
FNP-1127D-C; Loop W/Integrated Dialer, Not Expandable, Charcoal  
FNP-1127E-R; Loop Expandable, Red  
FNP-1127E-C; Loop Expandable, Charcoal  
FNP-1127DE-R; Loop W/Integrated Dialer, Expandable, Red  
FNP-1127DE-C; Loop W/Integrated Dialer, Expandable, Charcoal  
FNP-1127-SLC; Loop Expansion Module\*

**RATING:** 120V, 50 / 60Hz, 2.1A, and 240V, 50 / 60Hz, 1.1A

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

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

**APPROVAL:** Listed as fire alarm control units for use with listed compatible indicating and initiating devices. Also suitable for high rise applications.

These control units generate a distinctive temporal pattern (Temporal Pattern Fire Alarm Evacuation) for total evacuation in accordance with NFPA 72, 2002 Edition. This control unit meets the requirements of UL Standard 864, 9th Edition.

**NOTE:** 1. For **Fire Alarm Verification Feature (delay of fire alarm signal)**, the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

**XLF:** 7165-1714:0115

\*Rev. 04-26-10 bh



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7120-0410:0181

Page 1 of 1

**CATEGORY:** 7120 -- ANNUNCIATORS

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model FNP-LED Graphix LED eMatrix Mimic Display, where X can be the number 1 or 2 denotes color of the enclosure, and -YYY denotes the number of LED extension boards which could be 1, 3 or 5 boards.

Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 24 VDC

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

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

**APPROVAL:** Listed as annunciators for use with listee's separately listed compatible fire alarm control units. Refer to manufacturer's Installation Manual for details.

03-01-10 fm



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7272-0410:0182 Page 1 of 1

**CATEGORY:** 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model ACA-V multi-sensor (photoelectric/heat) type detector. This model employs a 135°F -150°F integral heat sensor. A fire alarm condition may be generated by the presence of smoke or heat. Sensor may operate in a single (heat or photoelectric) or multi mode (heat & photoelectric). Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 24 - 41 VDC

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

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

**APPROVAL:** Listed as photoelectric type smoke detector for use with listee's separately listed compatible base and fire alarm control units. Also acceptable for duct application with air velocities from 0-4000 ft/min. Listed as heat type detector for use with listee's separately listed compatible base and fire alarm control units. Listed temperature range for the heat portion is 135°F - 150°F. Refer in Manufacturer's Installation Instruction Manual for details.

08-12-10 fm



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7165-0410:0183 Page 1 of 1

**CATEGORY:** 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models HCA-2, HCA-4, HCA-8 fire alarm control units. Non-coded; automatic, manual, local, remote station, central station, waterflow and sprinkler supervisory service. System components:

HCA-2, -4, -8; Main Fire Alarm Assembly  
P/N 06.005, 06.006; End of Line Resistor  
P/N 06.007; End of Line Monitor  
MBC; Mini Battery Cabinet  
HCA-RA; Remote Annunciator  
131-035; Actuator  
0300-1000; Abort Switch

**RATING:** 120/240VAC

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

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

**APPROVAL:** Listed as fire alarm control units for use with separately listed electrically and functionally compatible initiating and indicating devices.

**NOTE:** For Fire Alarm Verification Feature, the maximum Retard/Reset/Restart period shall not exceed 30.0 seconds.

5-16-11 bh



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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*

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# LISTING SERVICE

**LISTING No.** 7165-0410:0184 Page 1 of 1

**CATEGORY:** 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)

**LISTEE:** Hochiki America Corporation 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** FireFocus Model FFO-1127-X where X represents R or C where R is for Red and C is for Charcoal, fire alarm control unit. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

FFO-1127-BO; Control Unit Board  
FFO-1127-CPA-BO; Pannel Annunciator Board  
FFO-PS6; 6 Amp. Power Supply  
FFO-ENC-DO-X; Enclosure Door  
FFO-ENC-BC-X; Enclosure Back-Can

**RATING:** 120/240 VAC, 50/60 Hz, 3.5A

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

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

**APPROVAL:** Listed as fire alarm control units for use with listed compatible indicating and initiating devices.  
Also suitable for high rise applications.

These control units generate a distinctive temporal pattern (Temporal Pattern Fire Alarm Evacuation) for total evacuation in accordance with NFPA 72, 2010 Edition. This control unit meets the requirements of UL Standard 864, 9th Edition.

**NOTE:** For Fire Alarm Verification Feature (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

06-02-11 fm



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, 2011**

*Listing Expires* **June 30, 2012**

Authorized By: **FRANCIS MATEO**, Program Coordinator  
*Fire Engineering Division*

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# LISTING SERVICE

Page 1 of 1

**LISTING No.** 7120-0410:0185

**CATEGORY:** Annunciators

**LISTEE:** Hochiki America Corporation, 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Model FFO-LCD-S-X Remote Annunciator, where -X represents R for red or C for Charcoal in color. Annunciator is intended to connect to the Hochiki FireFocus FACP Model FFO-1127-R (-C).

**RATING:** 24 VDC

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

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

**APPROVAL:** Listed as an annunciator for use with listee's separately listed Model FFO-1127-R (-C) fire alarm control unit. Refer to manufacturer's Installation Manual for details.

Issued 7-22-11 mt



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 22, 2011**

Listing Expires **June 30, 2012**

Authorized By: **MIKE TANAKA**, Program Coordinator  
Fire Engineering Division

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# LISTING SERVICE

Page 1 of 1

**LISTING No.** 7300-0410:0186

**CATEGORY:** Fire Alarm Control Unit Accessories/Misc. Devices

**LISTEE:** Hochiki America Corporation, 7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Contact: Michael Um (714) 670-3248 Fax (714) 522-2268  
Email: mum@hochiki.com

**DESIGN:** Models SCI-B4 and SCI-B6 Detector Isolator Bases. These models are to be used with listee's Models ACA-V, ALG-V, ALK-V, AIE-EA, and ATG-EA detector heads. The Model SCI-B6 is similar to Model SCI-B4 except for base size, 6 " base versus 4" base.

**RATING:** 17 - 41 VDC

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

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

**APPROVAL:** Listed for use as detector bases with Manufacturer's Models ACA-V, ALG-V, ALK-V, AIE-EA, and ATG-EA detector heads. Refer to manufacturer's installation instruction and manual for details.

Issued 7-11-11 mt



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 22, 2011**

Listing Expires **June 30, 2012**

Authorized By: **MIKE TANAKA**, Program Coordinator  
Fire Engineering Division