



THE WORLD'S FINEST FIRE DETECTION SYSTEMS SINCE 1918



FireNET Xtinguish Product Catalog

The latest addition to the Hochiki family is the HCVR-3 Conventional 3-Zone Releasing Fire Alarm Control Panel. The HCVR-3 utilizes Hochiki's high-quality detectors and the new FireNET Xtinguish™ product line.



HCVR-3

CONVENTIONAL RELEASING FIRE ALARM CONTROL PANEL

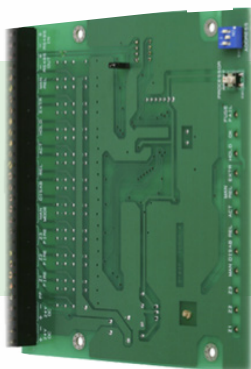
- UL Listed and FM Approved
- Three conventional zones
- Any single zone or any combination of zones can be configured to release
- Fully programmable using simple menu options
- Simple, single board construction
- Installer-friendly
- Compatible with a wide range of detection devices
- Configurable first stage NAC delays
- Configurable detection delays
- Built-in manual release switch and external manual release circuit
- Built-in abort circuit
- Compatible with FireNET Xtinguish™
- Compatible with various releasing valves
- Configurable releasing delays up to 60 seconds in 5-second intervals
- Configurable releasing duration up to 5 minutes in 5-second intervals
- Releasing countdown timer displayed on the panel
- Supports up to seven HCVR-SDU or HCVR-AB
- Built-in relays for Fire, Trouble, Stage 1, Stage 2, Extract and Local Fire



HCVR-SDU

STATUS DISPLAY UNIT

- Remote Status Display for the HCVR-3 Releasing FACP
- UL Listed and FM Approved
- Supervised four-wire connection
- Displays countdown timer prior to agent release
- Internal buzzer and trouble diagnosis indicators
- Manual-Only and Automatic & Manual keyswitch selections



HCVR-AB

ANCILLARY BOARD

- Provides additional normally open contacts which mimic the outputs of the HCVR-3 Releasing FACP
- Requires data cable and 24VDC connections
- Up to 7 HCVR-AB can be connected to a single HCVR-3 Releasing FACP
- Includes a backbox for surface mount (except board only model)

XTINGUISH



HCVR-AS ABORT SWITCH

- UL Listed and FM Approved
- Used to abort the releasing operation
- Available in red and charcoal
- Includes a backbox for surface mount



HCVR-SQA SEQUENTIAL ACTIVATOR

- UL Listed and FM Approved
- Used to activate up to two FireNET Xtinguish™ aerosol generators
- Includes a backbox for surface mount
- Fault LED is illuminated to indicate trouble conditions



HPS-DAK-SR MANUAL PULL STATION FOR FIRE SUPPRESSION RELEASE

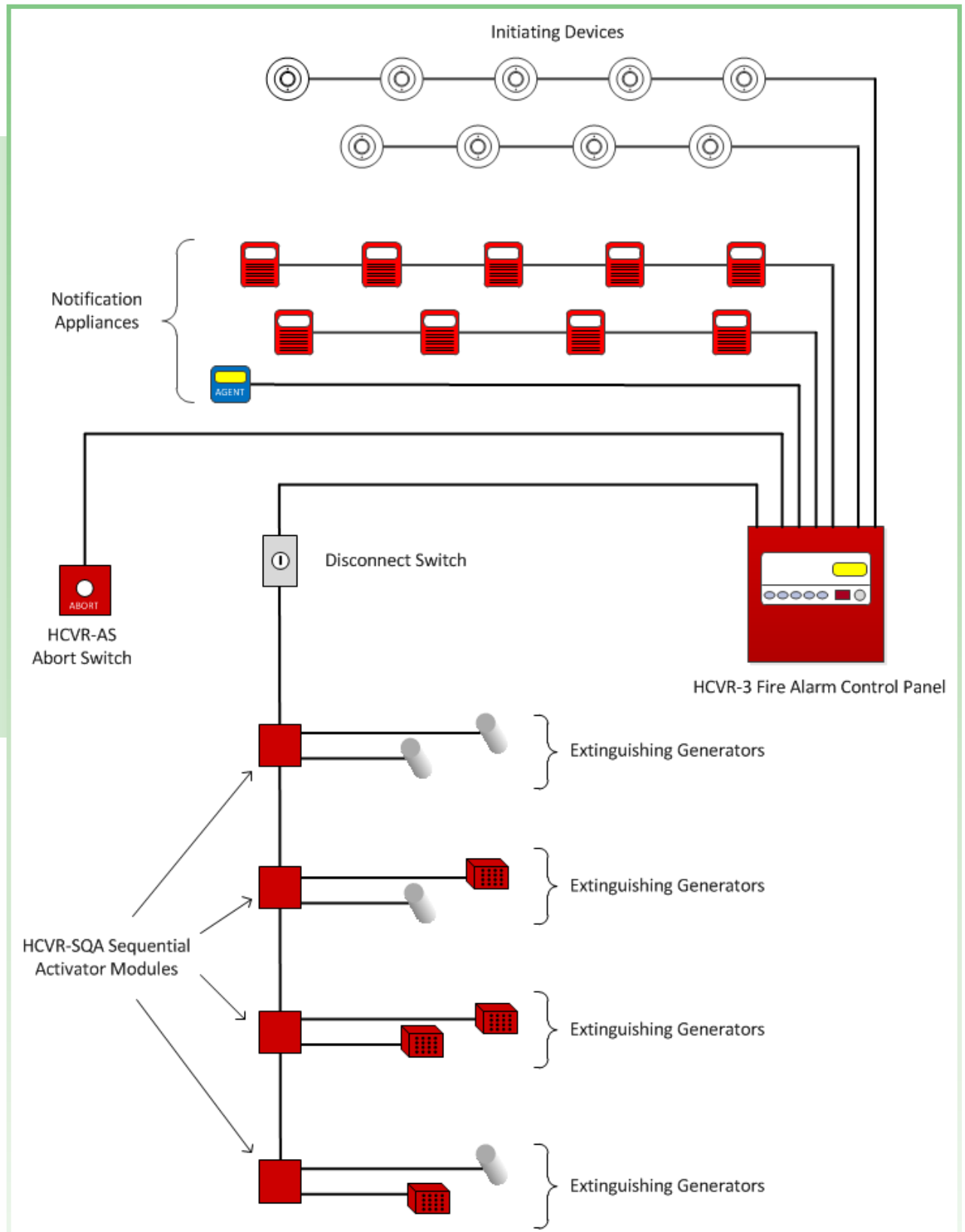
- Metal construction
- Enclosed switch with glass rod (included)
- UL, CSFM listed



SOM-R-DS DISABLE SWITCH

- Metal construction
- UL Listed and FM Approved
- Physical switch used to electrically disconnect the extinguishing circuit for testing and service

TYPICAL INSTALLATION



XTINGUISH

FIRENET XTINGUISH™

FIRE EXTINGUISHING AEROSOL GENERATORS

FireNET Xtinguish™ is an exciting and new "green" fire suppression product for total-flooding applications or any installation where a fire suppression system is needed to protect the contents of a space. FireNET Xtinguish™ is non-toxic, with zero ozone depletion and global warming potential. It utilizes an aerosol-forming solid compound to extinguish fires by inhibiting the chemical chain reactions within the fire itself, breaking the chemical reaction of fire cleanly and efficiently. While being very powerful, the FireNET Xtinguish™ system installation is uncomplicated and maintenance is minimal. FireNET Xtinguish™ and the HCVR-3 Releasing Fire Alarm Control Panel combine to produce a perfect extinguishing solution for offices, data centers, server rooms, warehouses, archives, banks, transformer/electrical rooms, and more.



CLASSES OF FIRE:



- UL 2775 Listed for Class A, B, C fires
- Environmentally friendly (Green Label)
- Available in 10 models
- EPA listed
- UL Listed service life = 10 years
- Easy installation, requires no piping or pressurized bottles
- Minimal maintenance
- Requires far less real estate compared to a typical pressurized bottle-type system
- Minimal cleanup on post fire
- Safe to handle
- Mounting brackets included for all models
- Compatible with the HCVR-3 Releasing Fire Alarm Control Panel

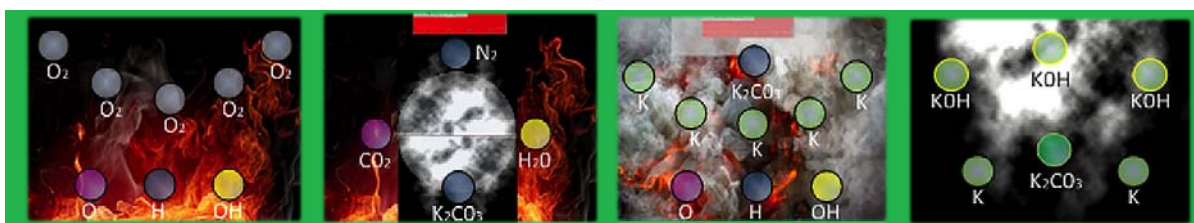


MODELS

Canister Types	FNX-20S	FNX-40S	FNX-80S	FNX-100S	FNX-200S	FNX-500S
Mass of SBK	20g	40g	80g	100g	200g	500g
Weight	0.6 lbs (310g)	1.3 lbs (610g)	1.9 lbs (870g)	3.0 lbs (1370g)	4.0 lbs (1840g)	7.3 lbs (3340g)
Dimension	6.4"H x 1.2"D (165mm x 32mm)	5.5"H x 2.0"D (140mm x 51mm)	7.2"H x 2.0"D (185mm x 51mm)	6.1"H x 3.4"D (155mm x 84mm)	7.2"H x 3.4"D (185mm x 84mm)	11.6"H x 3.4"D (295mm x 84mm)

Box Types	FNX-1200	FNX-2000	FNX-3000	FNX-5700
Mass of SBK	1200g	2000g	3000g	5700g
Weight	24.0 lbs (10900g)	34.17 lbs (15500g)	35.9 lbs (16300g)	58.2 lbs (26400g)
Dimension	6.5"H x 11.8"L x 8.5"W (167mm x 300mm x 216mm)	7.2"H x 11.8"L x 11.8"W (185mm x 300mm x 300mm)	7.2"H x 11.8"L x 11.8"W (185mm x 300mm x 300mm)	11.8"H x 11.8"L x 11.8"W (300mm x 300mm x 300mm)

Conventional extinguishing agents employ oxygen depletion, cooling or both to extinguish a fire. FireNET Xtinguish™ inhibits the chain chemical reactions present in fire. By removing the flame free radicals, it extinguishes fire without depleting oxygen.



HOCHIKI

FireNET Xtinguish™ is UL Listed as a Pre-Engineered System. Applications are easy to design and install. No piping, pressurized tanks or cylinders, or difficult flow calculations are required. Simply choose the correct type and number of aerosol generators using simple design parameters.

**FNX-20S
AEROSOL
GENERATOR**



20 GRAMS

**FNX-500S
AEROSOL
GENERATOR**



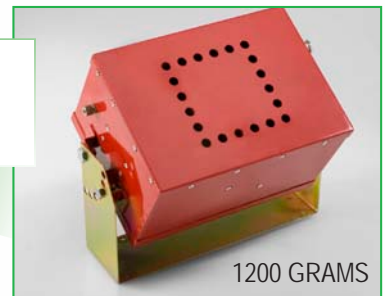
500 GRAMS

**FNX-40S
AEROSOL
GENERATOR**



40 GRAMS

**FNX-1200S
AEROSOL
GENERATOR**



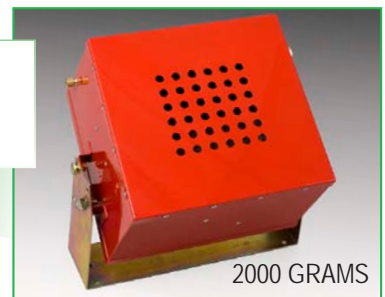
1200 GRAMS

**FNX-80S
AEROSOL
GENERATOR**



80 GRAMS

**FNX-2000S
AEROSOL
GENERATOR**



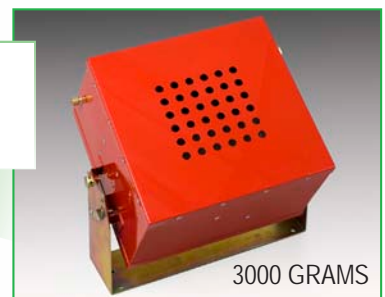
2000 GRAMS

**FNX-100S
AEROSOL
GENERATOR**



100 GRAMS

**FNX-3000S
AEROSOL
GENERATOR**



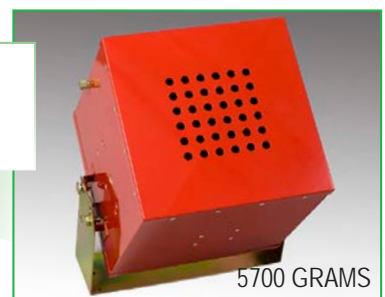
3000 GRAMS

**FNX-200S
AEROSOL
GENERATOR**



200 GRAMS

**FNX-5700S
AEROSOL
GENERATOR**



5700 GRAMS

OUR HISTORY

THE HISTORY OF THE HOCHIKI GROUP OF COMPANIES

The history of Hochiki dates back to 1918, with the formation of the Hochiki Group of Companies. Significant events in Hochiki's history are dated up to present day:

- 1918 :::: Hochiki Corporation was established in Tokyo, Japan as Japan's first manufacturer of fire alarm equipment
- 1920 :::: The world's first addressable fire alarm system was installed in Japan by Hochiki Corporation
- 1951 :::: The production of the first "Rate-of-Rise" heat detectors
- 1967 :::: The Ionization Smoke Detector was developed
- 1972 :::: Hochiki America Corporation subsidiary was established
 - :::: Hochiki Research Laboratory in Tokyo, Japan was established
 - :::: Hochiki Ionization Smoke Detector was approved by Underwriters' Laboratories, Inc.
- 1973 :::: Intrinsically Safe Fire Alarm System was developed
- 1977 :::: Hochiki America moved its facility from Hawaiian Gardens, CA to Huntington Beach, CA
- 1984 :::: Hochiki America began manufacturing detector bases
- 1986 :::: The current analog addressable fire protocol was developed – Digital Communication Protocol (DCP)
- 1988 :::: Hochiki America began operation as a manufacturing facility with additional production lines of smoke detectors and bases being transitioned over to the United States from Japan
- 1991 :::: Hochiki Europe (UK) Ltd. was established in Kent, United Kingdom
- 1992 :::: Hochiki America established APA Technology Inc.,
a subsidiary of Hochiki America and Hochiki Corporation
- 1994 :::: Hochiki America obtained ISO 9002 certification
- 1995 :::: Hochiki Corporation opened one of the world's largest fire testing facilities in Miyagi, Japan
- 1997 :::: Hochiki Singapore Branch Office was established
- 1998 :::: APA Technology Inc. merged with Hochiki America
- 1999 :::: Hochiki America moved to a larger facility in Buena Park, CA
- 2001 :::: The Beijing, China representative office was established
- 2003 :::: Hochiki America introduced its first UL listed analog addressable fire alarm control panel- the FireNET™
- 2006 :::: The Hochiki Fire Prevention Technology Corporation was established in Beijing, China
- 2007 :::: Hochiki America obtained UL 864 9th Edition listing for FireNET™
 - :::: Hochiki America begins production of new models, ALK-V and SLV-24
- 2012 :::: Hochiki America celebrated its 40th Anniversary
 - :::: Hochiki Corporation Japan acquired Kentec Electronics Ltd.
 - :::: Hochiki America acquired VES, LLC, a subsidiary of Kentec Electronics, Ltd.

Over 90 years later, the Hochiki Group of Companies consists of 5 factories, 19 subsidiaries, and 36 branches throughout the world. Anchored by Hochiki Corporation, Hochiki America and Hochiki Europe, we are combining our efforts to offer the highest quality and most reliable fire products to meet today's ever-changing global market.





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FIRE PROTECTION SYSTEMS

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