



SPECIAL APPLICATION PRODUCTS

HOCHIKI ASIA PACIFIC

Effective, Efficient & Economical Clean Agent Fire Suppression Systems



SG-FK5112
CLEAN AGENT SYSTEMS

SG-227ea
CLEAN AGENT SYSTEMS

Our clean agent fire suppression (SG-227ea / SG-FK5112) utilizes the extinguishing medium (HFC-227ea / FK-5-1-12). HFC-227ea / FK-5-1-12 is a clear, colorless, and low odor agent and is stored as a liquid in cylinder assemblies designed for the application.

Our system is suited for locations where clean-up of other agents is problematic or when an electrically non-conductive agent is required.



Components

Components for our clean fire extinguishing system include discharge valves, actuators (manual, electromagnetic & pneumatic), pressure gauges, discharge hoses, valve outlet adaptors, check valves and pilot line hoses.



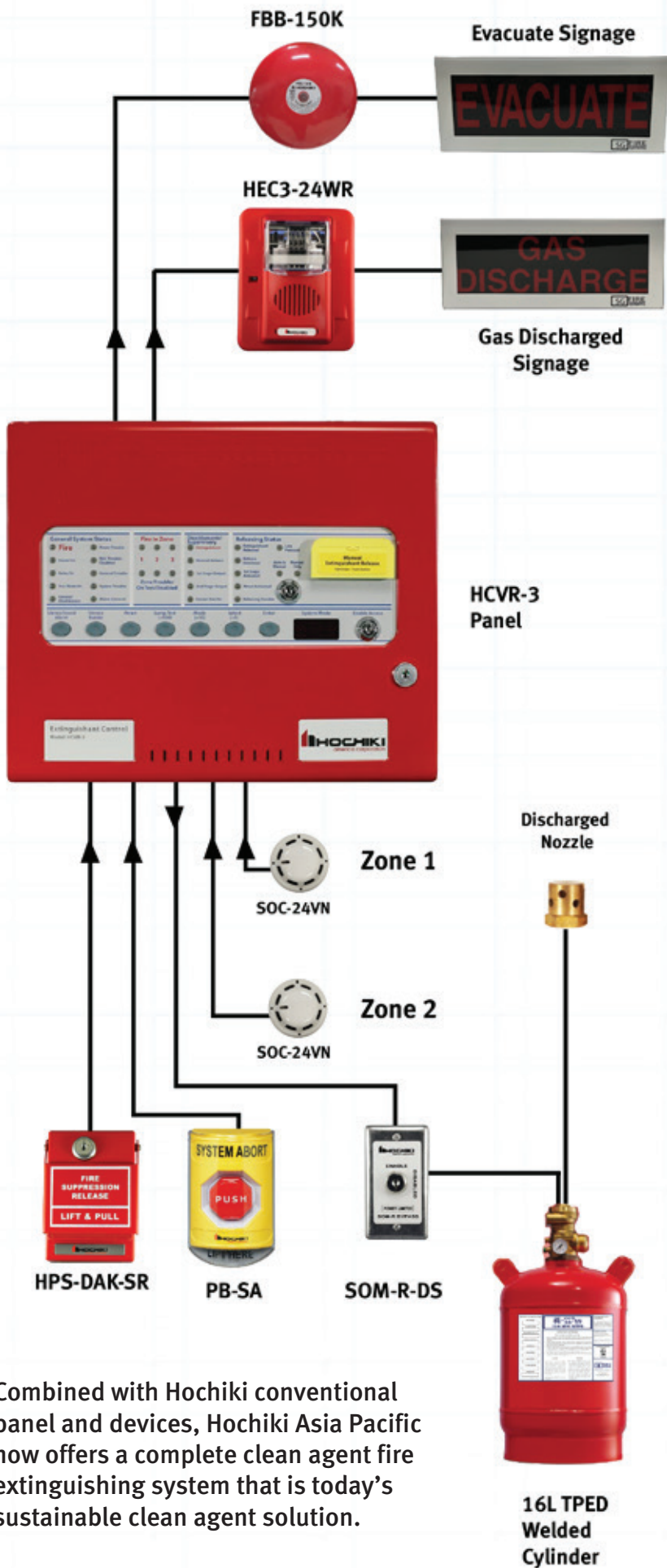
Combines with HOCHIKI products to form a complete Fire Extinguishing System



Hochiki's HCVR-3 is a 3 zone conventional releasing fire alarm control panel that is UL Listed and FM Approved for releasing.



Hochiki offers both addressable and conventional range of products. Our wide range of products includes smoke/multi detectors, pull stations, audio & visual devices.



Combined with Hochiki conventional panel and devices, Hochiki Asia Pacific now offers a complete clean agent fire extinguishing system that is today's sustainable clean agent solution.

TYPES OF CYLINDER & SIZES

TPED Welded Cylinders

Cylinder Volume (L)	Pressure (Bar)	OD (mm)	Valve Size (Inch)	Total Height (mm)
9	25	273	1" Thread	377
16.6	25	228.6	1" Thread	578
32	25	324	1" Thread	579
32	25	324	1-1/2" Thread	584
52	25	324	1-1/2" Thread	844
100	25	406	1-1/2" Thread	1019
120	25	406	1-1/2" Thread	1182
120	25	406	2" Thread	1251
150	25	406	2" Thread	1437
180	25	462	2" Thread	1317
200	25	462	2" Thread	1447
240	25	508	2" Thread	1468
240	25	508	3" Flange	1523
300	25	610	3" Flange	1363
369	25	610	3" Flange	1608

TPED Seamless Cylinders

Cylinder Volume (L)	Pressure (Bar)	OD (mm)	Valve Size (inch)	Total Height (mm)
10	42/50	140	1" Thread	861
20	42/50	204	1" Thread	831
30	42/50	204	1" Thread	1166
50	42/50	229	1-1/2" Thread	1496
80	42/50	360	1-1/2" Thread	1081
100	42/50	360	1-1/2" Thread	1296
140	42/50	406	2" Thread	1385
180	42/50	406	2" Thread	1715

DOT Welded Cylinders

Cylinder Volume (L)	Pressure (Bar)	OD (mm)	Valve Size (inch)	Total Height (mm)
29	25	254	1-1/2" Thread	753
52	25	406	1-1/2" Thread	600
106	25	406	1-1/2" Thread	1035
147	25	406	2" Thread	1377
227	25	508	2" Thread	1408
275	25	508	3" Thread	1666
369	25	610	3" Thread	1572

16L TPED Welded Cylinder



Sensitive

- The lased base detector and sampling pipe allow for high sensitivity air sampling

Expandable

- Offering a fully expandable and configurable system suitable to a wide range of applications

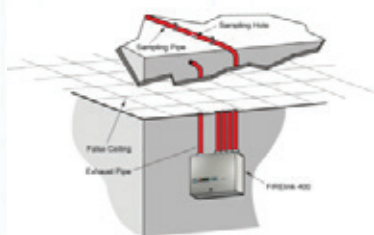
Simple Installation

- Easy to install due to its flexibility and versatility for many environments utilising the air sampling pipes

FIRElink range of high sensitivity air sampling equipment consists of detectors and sampling pipe accessories.

FIRElink system is adaptable to a broad range of environments and applications. From small, to very large areas, the system can be designed to fit almost any particular environment. Such as:

- Clean Rooms
- Computer Rooms
- Data Centres
- Prisons
- Cold Storage
- Large Storage Facilities



ESP Compatible

- Fully integrated into Hochiki's ESP renowned ESP intelligent hard-wired system, providing maximum flexibility



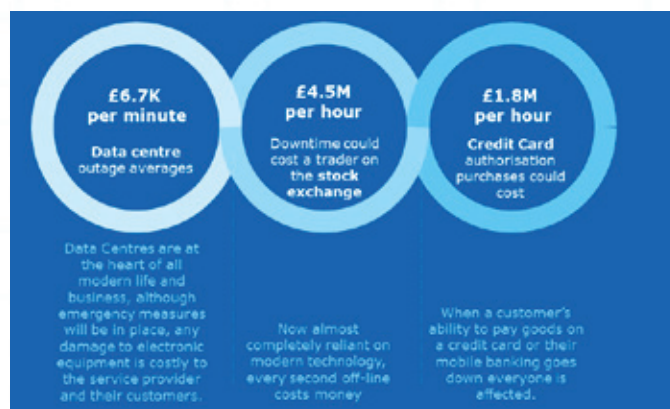
LEAKalarm system is adaptable to a broad range of environments and applications. From small, to very large areas, the cables and probes can be designed to fit almost any particular environment.

LEAKalarm provides reliable, high sensitivity, water and leak detection in bespoke application specific installations.

LEAKalarm is particularly useful in the following applications:

- Communications Sites
- Utilities Infrastructure
- Data Distribution Sites / Data Centres
- Warehousing
- Accommodation
- Records Storage
- Bathrooms / Wet Rooms
- Power Generation
- Cultural / Heritage Sites
- Museums, Hospitals & Healthcare

The Cost Of Water Damage



- A single loop panel can support up to 254 LEAKalarm Probes, or over 12,000m of water leak detection cable
- A dual loop panel can support up to 508 LEAKalarm Probes, or over 25,000m of water leak detection cable
- Control panel configuration allows each addressable device to be uniquely identified
- RS485 panel expansion bus supporting up to 32 additional accessories
- Cause and Effect output control via Loop Explorer 2 PC software



**Long-Range
Water Cannon**



**Middle-Range
Water Cannon**



**Short-Range
Water Cannon**

Short Range Water Cannon

- **Scanning Type Fire Sensor**

The detection unit and the water discharge nozzle are combined into one, simple design



- **Water Inlet**

The joint to this water inlet can be either from left, right or rear according to the design requirements

- **250 Degrees Rotation**

Automatic or manual rotational discharge to aim at fire point / source to extinguish the fire

- **Reflector**

For distance switching (Far / Near) in event of water discharge

- **Discharge Nozzle**

In normal operation, this is hidden; it will only turn around upon confirming the fire point/source

Specification

Type	Movable Sprinkler
Model	GDS-AB□
Max. Operating Pressure	1.0MPa
Water Discharge Rate	500 L/min
Water Pressure	> 0.5MPa
Horizontal Swing Range	250°
Horizontal Manoeuvre Time	24 seconds
Discharge Range	2 Range (Far / Near)
Effective Water Discharge Distance	Height Setup 4~6m : 36m Height Setup 6~8m : 38m Height Setup 8~15m : 40m
Scanning Type Fire Sensor (Operating Voltage)	DC48V 1.2A
Monitoring Range	Left to right: 190° Vertical: 90°
Operating Temperature	0~40°C
Humidity Range	20~80%



Hochiki, a world leader in fire detection, offers a wide selection of product ranges that are suited for a variety of applications.

Why Hochiki? Hochiki offers unique cost-effective, and fully compliant fire alarm & detection systems. Hochiki products are compliant with different world-recognised standards such as UL, FM, LPCB, and VdS.

HOCHIKI ASIA PACIFIC

82 Ubi Ave 4, #06-02 Edward Boustead Centre,
Singapore 408832

+65 6841 9728

sales@hochikiasiapacific.com

<https://www.hochikiasiapacific.com>

HOCHIKI HO CHI MINH REPRESENTATIVE OFFICE

3rd Floor Rubicon Building, 19 Luong Dinh Cua
Street, An Khanh Ward, Thu Duc City, Ho Chi
Minh City, Vietnam

+84 28 3636 6806

sales@hochikiasiapacific.com

HOCHIKI JAKARTA REPRESENTATIVE OFFICE

Mid Plaza 2, 8th Floor, Jalan Jenderal
Sudirman Kav 10-11, Karet Tengsin,
Kecamatan Tanah Abang, Kota Jakarta Pusat,
Daerah Khusus Ibukota Jakarta 1022,
Indonesia

+62 21 5700078

sales@hochikiasiapacific.com

HOCHIKI (THAILAND) COMPANY LIMITED

BB Building, 10th Floor, Unit 1011 54 Sukhumvit 21,
Kwaeng Klong Toey Nua Khet Wattana, Bangkok 10110, Thailand

+66 (0) 2664 4445

info@hochiki.co.th

HOCHIKI HANOI REPRESENTATIVE OFFICE

Room No. 802, 8th Floor, CEO Building, Pham Hung Street,
Me Tri Ward, Nam Tu Liem District, Ha Noi City, Vietnam

+84 28 3636 6806

sales@hochikiasiapacific.com

HOCHIKI MANILA REPRESENTATIVE OFFICE

Unit No. 509 FSS Building II, No. 18 Scout Tuason Corner,
Scout Castor Streets, Brgy, Laging Handa, Quezon City,
Metro Manila, Philippines

+63 2 83658112

sales@hochikiasiapacific.com