



**KANEX<sup>®</sup>**

Shaping the future of Fire Protection



**PRODUCT CATALOG**

[www.kanexfire.com](http://www.kanexfire.com)



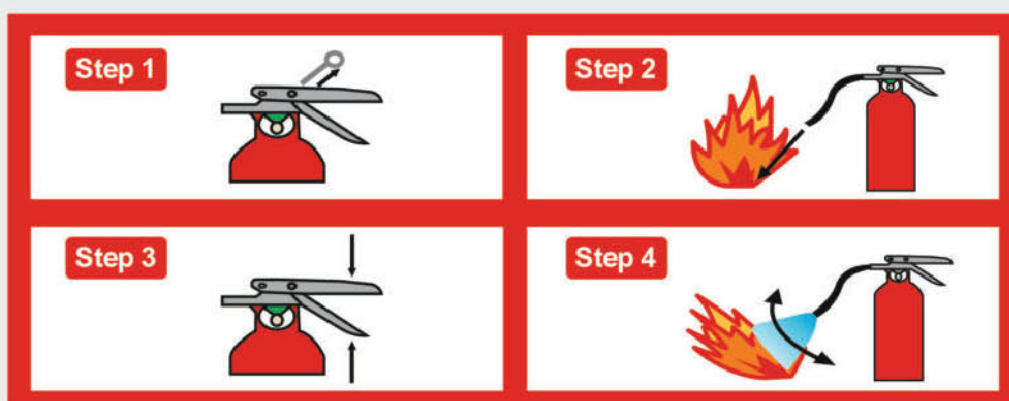
# WHERE TO USE?

- An extinguisher is a First-aid device which is used against the critical situations of fire only. There is no chance for testing the device while fire is going on, that's why the device must be totally reliable and user friendly.
- When it comes to application, Fire equipment needs to be identifiable, handy and appropriate for the property it is intended to protect.
- But good fire protection is about more than just having the right devices in the right places, also requires rigorous monitoring to ensure that it will perform effectively when needed.
- Everyone should be familiar with the picture symbols which identify the types of fires on which they may be used. As listed below.
- The symbol diagonal red slashes indicates a potential danger if the extinguisher is used on that particular type of fire.
- Absence of a type symbol means only that the extinguisher is not recommended as particularly effective for that classification of fire.

			Suitable for Class B and Class C fires but not for Class A
			Suitable for Class A fires but not for Class B or Class C
			Suitable for Class A and Class B fires but not for Class C

# HOW TO USE?

- "KANEX" provides you a valuable user manual which contains very much needed information like how to use, install and maintenance of an extinguisher.
- The Label affixed on extinguisher body contains specific information of "HOW TO OPERATE" the particular extinguisher.
- The label instruction will change according to size and type of extinguisher.
- Every one should be aware of Instructions provided on Extinguishers.





## IN PANEL AUTOMATIC TUBE SUPPRESSION SYSTEM (KATS)

Research shows Electrical fires, Server rack fires & Transformer fires consistently rank among the leading causes of commercial and residential fires, most of the fires starts with a just spark in electrical cabinets/panels/enclosures or due to improper handling. This often resulting in big fire then injury, death & significant property loss, costing money and downtime to business. And there is just one way to deal with them, instant detection and swift firefighting.

Ideal Use



Electrical Panels



Server Racks



CNC Machine



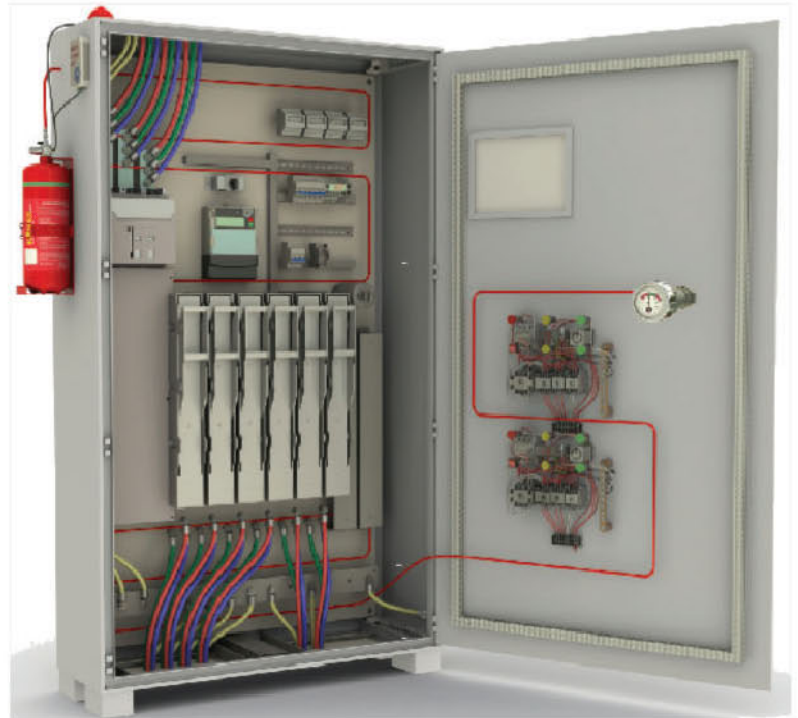
Dry Transformer

## IN-PANEL- TUBE BASED SUPPRESSION SYSTEM (KATS)

### THE SOLUTION

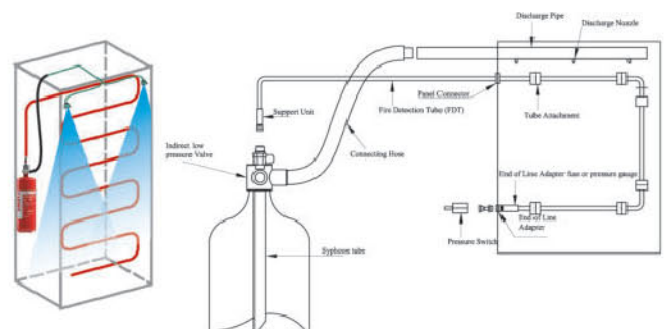
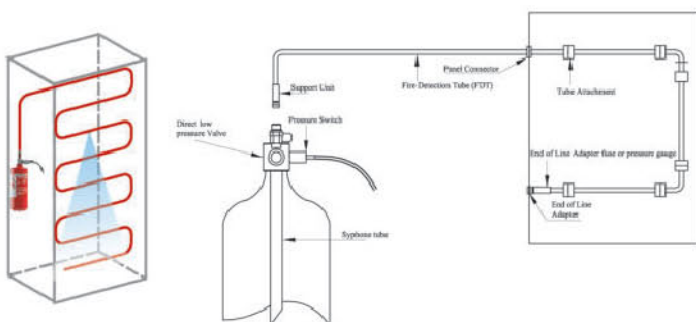
Kanex In-Panel Tube Based Suppression System (KATS) take the fire detection and suppression inside of the hazard, a growing fire can be caught quickly, preventing the spread of fire to other parts of the building that would require firefighters or water sprinklers extinguish.

The KATS system use UL listed continues linear sensor tube that reliably detects and actuates release of the extinguishing agent using pneumatic technology. It is more flexible, space efficient and cost effective.

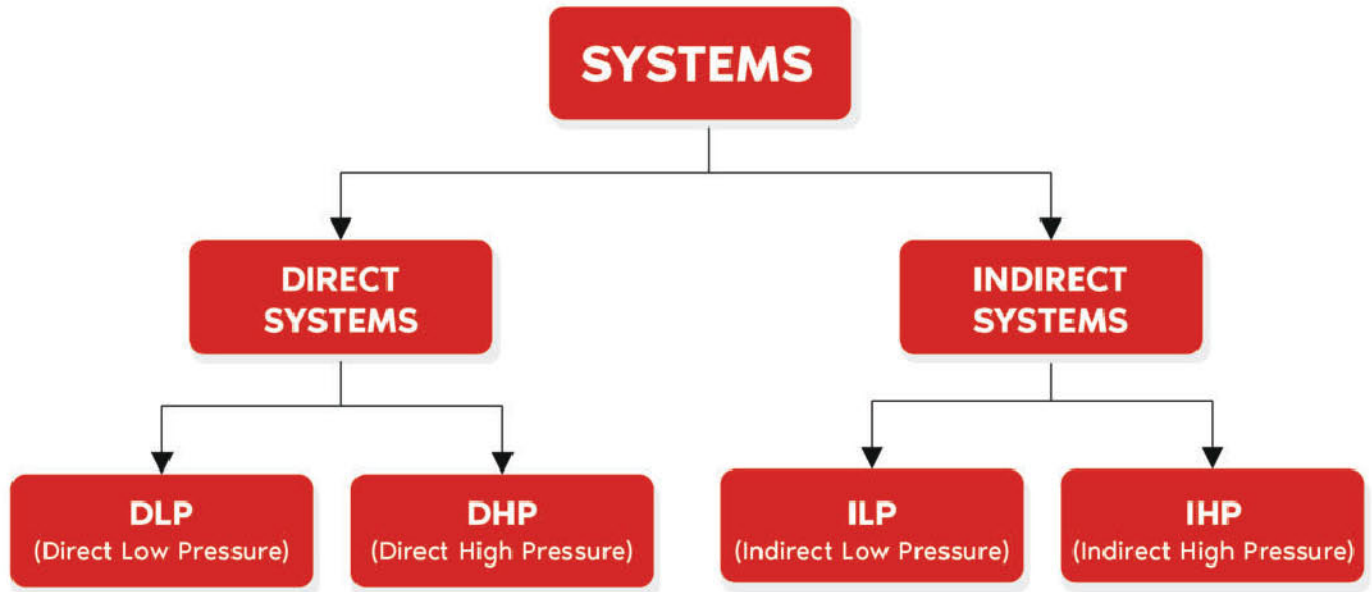


### FEATURES

- Self-actuated & No external power source required.
- Suitable for all types of fire viz Class A, B, C & Electrically started Fires
- Clean Agent gas in environment friendly
- Easy to maintain, operational readiness, expansion flexibility. 100% effective
- Available in High pressure (CO<sub>2</sub>) & Low pressure (Powder, Foam, Clean Agent gas FK-5-1-12)
- (Novec1230), HFC227ea (FM200) , HFC236fa (Fe36)
- 24 x 7 – Operation
- Easy to maintain & Re-installation, Re-filling.

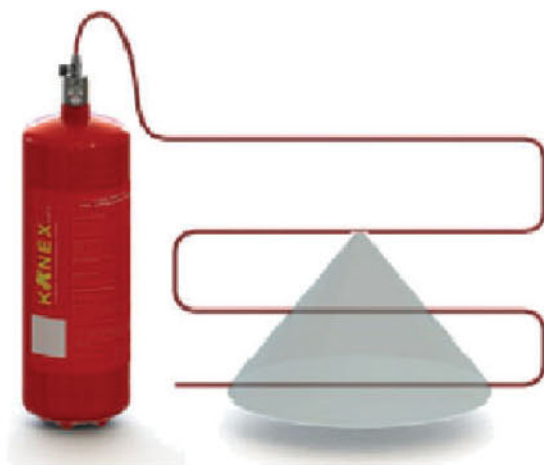


## CLASSIFICATION



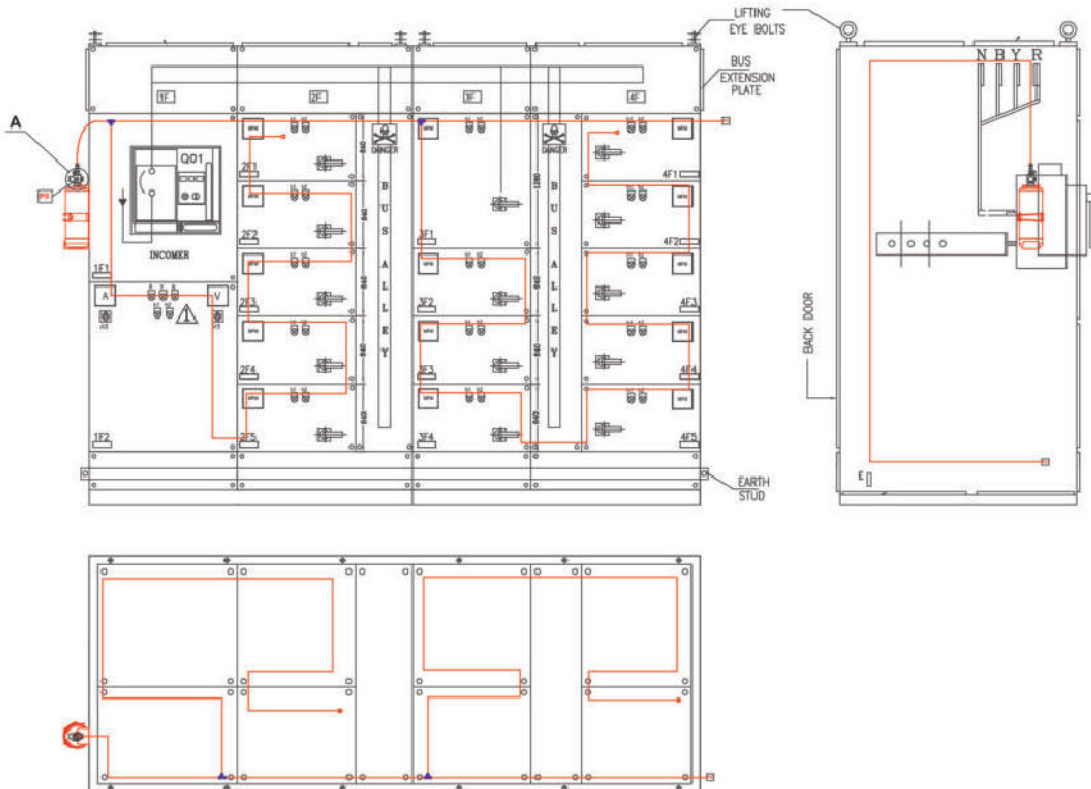
Available in Novec1230 (FK-5-1-12), FM-200 (HFC227ea) FE-36 (HFC236fa) CO2 gas , MAP 90 ABC Powder

- The direct system utilizes Heat Sensing Tube as both fire sensing & suppression of fire by delivering the agent.
- The nearest surface of Heat Sensing Tube bursts due to heating & it forms effective discharge nozzle
- Due to which pressure drops in Heat Sensing Tube & entire content of cylinder discharges.
- The Indirect system utilizes Heat Sensing Tube as fire sensing ONLY Suppression of fire is delivered via copper, SS or Braided pipe.
- The nearest surface of Heat Sensing Tube bursts due to heating it actuates the valve & agent discharges through strategically placed nozzles within protected enclosure



## Technical Specification

Direct System		Indirect System	
Extinguishing agents	Clean Agents - FK-5-1-12 (Novec1230), HFC227ea (FM200), HFC236fa (FE36), Powder, Foam, Co2	Extinguishing agents	Clean Agents - FK-5-1-12 (Novec1230), HFC227ea (FM200), HFC236fa (FE36), Powder, Foam, Co2
Capacity for Low pressure (Kgs)	1 kg, 2 kg, 4 kg, 6 kg, 9 kg,	Capacity for Low pressure (Kgs)	2 kg, 4 kg, 6 kg, 9 kg,
Capacity for low pressure in pounds (LBS)	2.5 LBS, 5 LBS, 10 LBS	Capacity for low pressure in pounds (LBS)	5 LBS, 10 LBS
Capacity for Co2	2 kg, 4.5 kg, 6.5 kg, 9 kg	Capacity for Co2	4.5 kg, 6.5 kg, 9 kg
Cylinder	CE/PESO	Cylinder	CE/PESO
Discharge Valve (DLP)	CE	Discharge Valve (LP)	CE
Clean Agent gas	UL listed	Clean Agent gas	UL listed
Design standard for clean agent	NFPA2001:2022	Design standard for clean agent	NFPA2001:2022
Design standard for Co2	NFPA 12 : 2022	Design standard for Co2	NFPA 12 : 2022
Fire Detection Tube	UL listed	Fire Detection Tube	UL listed
End line adapter	Standard-Threaded	End line adapter	Standard-Threaded
T connector, End line plug, Tube to tube connector, slip on, spring top etc	As per EN standard	T connector, End line plug, Tube to tube connector, slip on, spring top etc	As per EN standard
Operating temperature	(-) 30 Deg C to (+) 60 Deg C	Nozzle Kit	As per standard to achieve discharge time as per NFPA & UL
		Operating temperature	(-) 30 Deg C to (+) 60 Deg C



Designed, Manufactured & Marketed by:  
**KANADIA FYR FYTER PVT. LTD.**  
An Iso 9001:2015 certified company

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