

FIRE SQUAD

Master The Fire.....



SPECTRA
FIRE SYSTEMS PVT LTD

WWW.SPECTRAFIRE.IN



Automatic Tube Fire System



FK-5-1-12



Clean Extinguishing Agent

AUTOMATIC TUBE FIRE
EXTINGUISHER FOR
CARS AND OTHER
VEHICLES

FIRE SQUAD - Always
Ready, Always Reliable.

“Every Life Deserve Protection”

APPLICATION SCOPE



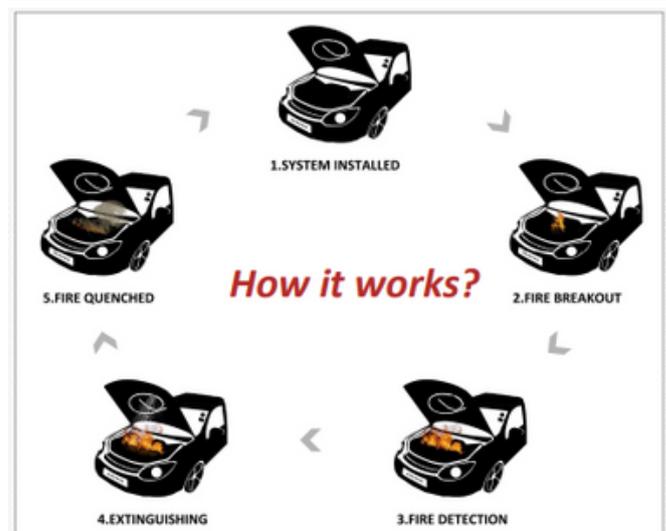
The tube automatic fire systems are used to protect the enclosed Space, including but not limited to.

1. # Engine compartments of boats and yachts.
2. # Electric panel, switch board, sever panel, control box, etc.
3. # Engine compartments of all on-road vehicles and off-road vehicles: car, van, bus, mini bus, truck, rally car, mining machine or construction machine, etc.
- 4.# Electric Panel, Switch Board, Server Panel, .Control Box, etc

ADVANTAGES



- 1) Easy Installation
- 2) Clean Agent
- 3) NO-TOXIC, Harmless to Humans
- 4) Environmentally Friendly
- 5) Small Volume
- 6) Agent Type -FK-5-1-12
- 7) Material Polyamide Tube Burst Temperature 120° C, 140° C



FIRE SQUAD Tube Type Automatic Fire Suppression system is a special polyamide tube, the out Dia.18mm, and different length as required, it is a compressed gas-extinguishing (FK-5-1-12).

When Temperature reach 140° C, the softened tube burst one round hole to release the extinguishing agent to extinguish the fire in very short time

FIRE SQUAD

Engineered to Protect, Trusted To Save....

Technical Specification

CODE	FST 100	FST 200	FST 300	FST 400	FST 500	FST 600
Length x Dia	1.1mx18mm	2.12mx18mm	3.16mx18mm	4.19mx18mm	5.23mx18mm	6.3mx18mm
Agent Capacity	0.25 KG	0.5 KG	0.75 KG	1.0 KG	1.25 KG	1.5 KG
Protection Space	0.25~0.35m ³	0.50~0.69m ³	0.75~1.04m ³	0.1~0.139m ³	1.2~1.7m ³	1.5~2.06m ³
Agent Type	UL Listed FK-5-1-12					
Material	Polyamide Tube					
Pressure at 20	2~6 Bar / 1~4 Bar					
Pressure at 100° C	18Bar / 15Bar					
Burst Temperature	120° C, 140° C					
Working Temperature	-30° C~+90° C					
Shelf Life of Systems	3 years					



“Protecting Lives, Safe Guarding Futures”

FIRE SQUAD

Precision in Protection....



1.SYSTEM INSTALLED



2.FIRE BREAKOUT



3.FIRE DETECTION



4.EXTINGUISHING



5.FIRE QUENCHED



Compact: small footprint of the Fire Squad Tube with A, B, C and electrical fires class rating can protect almost any space



No cylinder for storage required: the whole system can be placed inside the protected enclosure as there is no cylinder



Cost-effective: long working life, automatic activation, zero maintenance beats the competition in cost-effectiveness



Optional pressure switch and other additional components like signaling unit to perform further safety functions



Clean and effective extinguishing agent: world-wide known and accepted FK-5-1-12



No pressurisation needed: the system works by increasing pressure of the extinguishing agent when heated



Automatic operation based on increased temperature: ideal for non-occupied spaces or spaces out of sight



Fully independent: Fire Squad system is operational 24/7 without any power supply



Maintenance free during entire working life means zero maintenance costs

“Ready When It Matters”

FIRE SQUAD

Safety Beyond Boundaries.....



Installation

1. Open the box, and cut the cable ties carefully, don't hurt the tube.
2. The packing kits include Fire Squad Tube cable ties , please choose for fixing the tube in the protected enclosed place.
3. Don't use a metal fastening material for installation(Steel clamp, Metal Wire, etc.). The installation shape of the tube no rules, according to the protected space, ensure can protect all the space.
4. Don't close to the high temperature part in the engine compartments.
5. The minimum bending Radius 250mm.



Method 1
(Install on the hood)



Method 2
(Install on the engine)

“Your First Line of Defense”

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