

# FireRID

Automatic fire extinguisher for fires of class A, B, C, E and K

## Recommendations Letter Received by Fire Brigade



Mumbai



Pune



Thane



Guwahati



Sangli



Winner of OSHAI HSE&S Best Innovative Product Award 2018



## BLUE SCOPE

Manufactured by:

**FLAMARK** (EU)

Imported & Marketed in India by:

Bluescope AV Technologies Pvt. Ltd.

A/58, 2nd Floor, Building No-1, Ajay Mittal Industrial Estate,  
Marol, Andheri (E), Mumbai – 400 059.

Customer Care : +91 9152018332 / 022-28522525

[www.bluescope.in](http://www.bluescope.in)

Eco-Friend



Eco-Friend

wins over fire





Automatic fire extinguisher for fires of class A, B, C, E and K



Automatic fire extinguisher for fires of class A, B, C, E and K

## ABOUT PRODUCT

Fire RID is a scientifically advanced, automated fire fighting solution that is revolutionary in design and highly effective in extinguishing fire. The product was originally invented in Japan and manufactured in Europe. It is cylindrical in shape and is filled with a chemical solution that is non toxic and eco friendly. This chemical solution within the ampule gets automatically activated at elevated temperatures in case of a fire, thereby extinguishing the hazardous fire immediately

What sets Fire RID apart is that it is stylish, simple to install, requires less maintenance and is less space consuming as compared to other conventional fire extinguishers. In addition the product can be used in three convenient and effective ways that is in auto mode, secondly by manually throwing it in the fire and thirdly by diluting the chemical solution in water that can be used to extinguish the fire effectively

## HOW IT WORKS

Due to elevated temperatures caused by fire the chemical solution within the ampoule gets heated and expands. When the temperature of the liquid reaches  $84^{\circ}\text{C} \pm 5^{\circ}\text{C}$  it gets converted into vapour. This change in the chemical solution from liquid state to vapour causes pressure to be created thus breaking the glass ampoule in pieces. The vapour then spurts around starting an endothermic process which absorbs heat / energy from the fire thus causing the fire to be extinguished immediately. The solution spread all around remains as a coating on surfaces which prevents the fire from reigniting.

## EFFECTIVENESS

Fire RID extinguishes fire within an area of 16 cubic meter in a sparsely furnished room and the time taken to extinguish the fire is roughly 7 to 17 seconds.

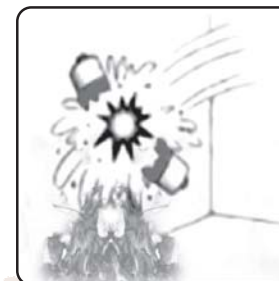
Fire RID can impressively extinguish fires from a variety of sources such as wood, pulp, paper, textile, plastic, linen, rubber and celluloid. It can also effectively put out fire from various sources that are normally difficult to extinguish such as kerosene, grease and electrical appliances.

Diffusions (Effective Fire Extinguishing Area): The rate of diffusion of the chemical solution is measured by installing Fire RID on the wall at a height of 2 m. The rate of diffusion shown herein are average values and are subject to variation depending on the circumstances.

## WAYS OF USING



Automatic Fire Extinguishing



Manually Thrown in Fire



Diluting the Chemical Solution in Water (Mixes with 12 litres)

## COMPARISON

Type of Burning Material	Fire Rid	ABC Powder
Wood	Very Good	Good
Paper, Textile, Fabrics	Very Good	Good
Clothes, Bed Linen	Very Good	Good
Rubber, Celluloid	Very Good	Good
Plastic	Very Good	Good
Petrol	Very Good	Good
Food Greases	Very Good	Bad
Other Oils	Very Good	Bad
Electrical Fires	Very Good	Bad

## PRODUCT SPECIFICATIONS

Length	: 307 mm
Diameter	: 60 mm
Overall Weight (Ampoule & Holder)	: 1025 gram
Net Weight (Ampoule Only)	: 600 gram
Volume	: 580 ml
Fire Extinguishing Area	: 16 cubic meter
Effective Extinguishing Time	$\pm 7 - 17$ seconds

## KEY FEATURES

- Automatic Activation
- Highly effective in extinguishing A, B, C, E & K types of fire
- 10 years warranty
- No maintenance and refilling cost
- Easy to install
- Usable as a hand grenade
- No collateral damages
- Consumes less space
- More effective when mixed with water
- No damage to electrical systems, machines etc.
- Eco friendly and Non Toxic
- No Sharp ages when glass break