



**KANEX**<sup>®</sup>

Shaping the future of Fire Protection



**PRODUCT CATALOG**

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



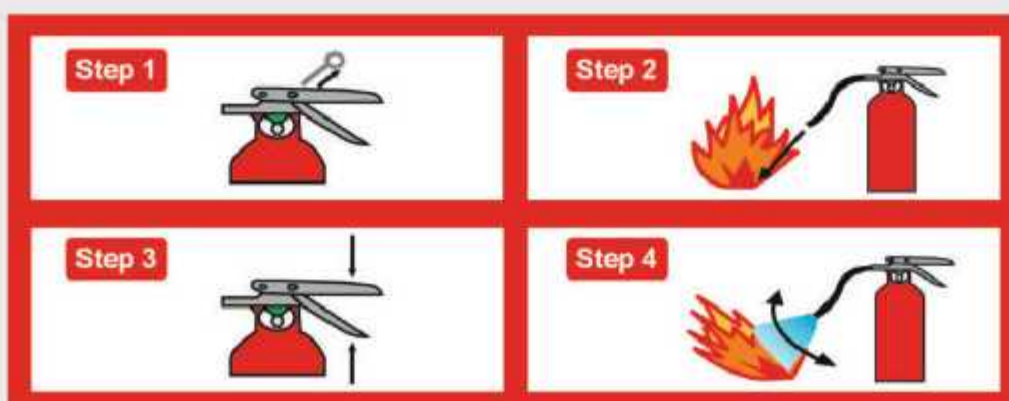
# WHERE TO USE?

- 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.





**WATERMIST TYPE EXTINGUISHER**

Office



**D TYPE METAL EXTINGUISHER**

Flammable metal manufacturing company



**NON MAGNETIC MRI EXTINGUISHER**

MRI Rooms



**F CLASS EXTINGUISHER**

Kitchens

## **SPECIAL APPLICATION FIRE EXTINGUISHER SERIES**

## D TYPE METAL FIRE EXTINGUISHERS

### PRINCIPLE OF OPERATION

- D type Fire Extinguishers contains a blended Sodium Chloride based dry powder.  
Heat from the fire causes it to cake and form a crust excluding air and dissipating heat from burning metal.
- Metal fires involving magnesium, sodium, potassium and sodium-potassium alloys can be successfully extinguished with Sodium Chloride based extinguishers. And Lithium, zirconium, uranium, titanium, and powdered aluminum fires can be controlled and extinguished with unique Special extinguisher with extinguishing agent as Ternary Eutectic Chloride (TEC).



Class-D



#### TEC POWDER

- TEC works for all type of Metals including Lithium and its alloys too.
- The unique composition of ternary eutectic chloride of alkali metals gives fast & effective fire knock down capability, which cannot be matched by ordinary mixtures of chloride salts or phosphate base powders.

#### SODIUM CHLORIDE

- Sodium Chloride works well for metal fires involving magnesium, sodium (spills and in depth) potassium alloys, uranium, powdered Aluminum etc.
- For lithium and its alloys it cannot works

### PERFORMANCE DATA

MODEL (MAP POWDER)	KFDMSRQ-4	KFDMSRQ-6	KFDMSRQ-9	KFDMRQ-25	KFDMRQ-50	KFDMRQ-75
Capacity	4 kg	6 kg	9 kg	25 kg	50 kg	75 kg
Design	Hose & Applicator			Trolley Mounted, Hose & Applicator		
Height (Approx)	490 mm	530 mm	575 mm	1020 mm	1030 mm	1320 mm
Diameter (Approx)	140 ± 5 mm	150 ± 5 mm	180 ± 5 mm	300 ± 10 mm	400 ± 10 mm	400 ± 10 mm
Average Discharge time	25 Sec	30 Sec	30 Sec	45 Sec	60 Sec	90 Sec
Average % Discharge	85%	85%	85%	85%	85%	85%
Operating Temperature	-30 °C to +60 °C					
Service / Max. Service / Test Pr.	15 / 16 / 35 bar			14 / 17 / 35 bar		
Expelling Agent	Nitrogen (UHP Grade)			Nitrogen Gas cylinder with regulator		
N <sub>2</sub> Cylinder Capacity	—	—	—	3 Ltr	6.8 Ltr	6.8 Ltr
Empty/Full/Shipping Weight (Appr.)	2.8 / 6.8 / 7.2 kg	3.1 / 9.1 / 9.5	5 / 14 / 14.5 kg	59 / 84 / 85 kg	70 / 120 / 121 kg	75 / 150 / 151 kg
Packing Standard	Corrugated Box			Corrugated paper & Jute Bags		
Mounting Bracket	Wall Bracket			—		
Approval	—			BIS		

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

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