



Shaping the future of Fire Protection



**PRODUCT CATALOG**

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



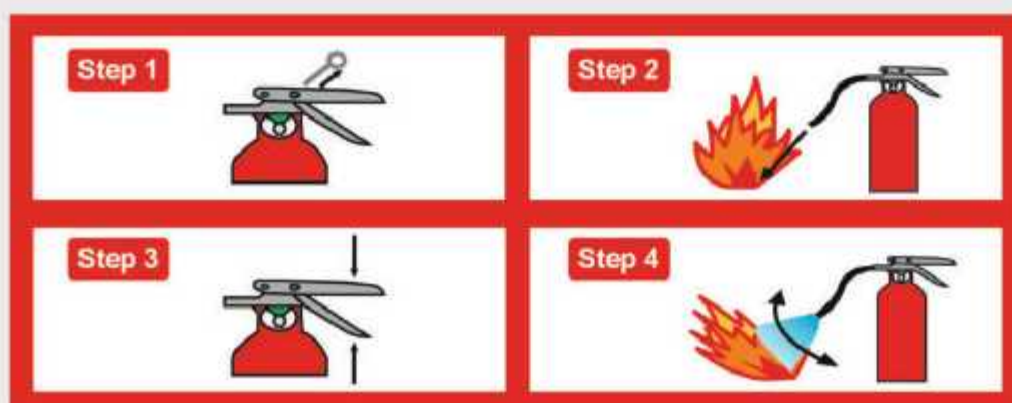
# WHERE TO USE?

- 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.





## WATER MIST CUM COMPRESSED AIR FOAM SYSTEM (CAFS)

Kanex CAFS technology Compressed Air Foam Systems are self contained stored-energy fire suppression unit which have added ability to inject compressed air into the foam solution to generate a powerful fire attacking and suppression foam.

Ideal Use



Hospitals



Industries



Power plant



Offshore



Marine



## Models:

9 & 10 litre  
Portable Fire  
Extinguisher  
with Back Pack

50 litre  
Trolley Mounted

100 litre  
Trolley Mounted

250 litre  
Trolley Mounted

## FEATURES

- Easy to operate and highly effective
- Complete atomisation takes place inside the valve head
- Low maintenance and high reliability
- For ordinary and professional users
- Large area coverage
- Wet & Dry Foam technology for long range & more
- denser foam structure
- Tested & Passed for electrical conductivity test in NABL approved ERDA laboratory for 36kV from 1 Mtr distance with Dry mode
- Effectiveness : CAFS truly attacks all sides of the fire tetrahedron by smothering the fire with a “foam blanket”, thus preventing oxygen from combining with fuel. It diminishes the heat by insulating, using the trapped air within the bubble structure and the bubbles actually reflect radiant heat, thus preventing excess heat from adding to the fire. This prevents additional fuel from reacting with the fire by providing a barrier. Finally, CAFS has been shown to disrupt the chemical reaction required for fire to continue. CAFS is 15 to 30 times more effective than water alone or foam solution.



Class A



Class B



Electrical  
(Electrical Resistant Nozzle Tip  
On Request)



### Fire Rating

MODEL	EN Rating
KCAFS-9	27A : 233B
KCAFS-10	43A : 233B
KCAFS-50	55A : 233-IVB
KCAFS-100/250	55 A: 233-IVB*

## PERFORMANCE DATA

MODEL NO.	KCAFSHQ-9	KCAFSHQ-10	KCAFSHQ-50	KCAFSHQ-100	KCAFSHQ-250
Capacity	9 Ltr	10 Ltr	50 Ltr	100 Ltr	250 Ltr
Operating Pressure	12 - 15 bar	12 - 15 bar	12-15 bar Approx	Up to 8 bar	12-15 bar Approx
Temperature	+5° C to +60° C	+5° C to +60° C	+5° C to +60° C	+5° C to +60° C	+5° C to +60° C
Flow Rate (Ltr / Sec)	0.6-0.42 (Wet) / 0.225 (Dry)	0.43-0.46 (Wet) / 0.232 (Dry)	0.4 (Wet) / 0.185 (Dry)	0.5 (Wet) / 0.33 (Dry)	1.5 (Spray) / 0.8 (Jet)
Operating Time (Wet/Dry)	21-23 Sec (Wet) / 40 Sec (Dry)	21-23 Sec (Wet) / 43 Sec (Dry)	125 Sec (Wet) / 270 Sec (Dry)	200 Sec (Wet) / 300 Sec (Dry)	300-350 Sec (Spray) / 150-200 Sec (Jet)
Work Range (Wet/Dry)	12-13 M (Wet) / 11-12 M (Dry)	12-13 M (Wet) / 11-12 M (Dry)	13-14 M (Wet) / 12-13 M (Dry)	14-15 M (Wet) / 10-12 M (Dry)	20-22 M (Spray) / 15-12 M (Jet)
Size	720 x 300 x 220 mm (H x B x T)	720 x 300 x 220 mm (H x B x T)	1120 x 570 x 480 mm (H x B x T)	900 x 1000 x 1800 mm (H x B x L)	1000 x 1150 x 2150 mm (H x B x L)
Weight (Approx)	14 KG Empty / 21 KG Filled	14 KG Empty / 24 KG Filled	70 KG Empty / 120 KG Filled	100 KG Empty / 200 KG Filled	250 KG Empty / 500 KG Filled
Fire Rating Performance	27A/233B	43A/233B	55A/233B-IVB	55A/233B-IVB & Higher*	55A/233B-IVB
Electrical Devices	Tested and Passed at 36kV from 1mtr distance in Dry mode				—
Length of hose	1.5 M	1.5 M	5 M	10 M	10 M
Propellant	20/300 bar Compressed Air (200 bar on request)	20/300 bar Compressed Air (200 bar on request)	50/300 bar Compressed Air (200 bar on request)	10/21/300 bar Compressed Air	10/300 bar Compressed Air
Extinguishing Agent	Foam Agent (AFFF)				
Approvals	CE / ERDA / Certified from NABL accredited Lab (AFTRIL lab) as per latest EN parameters			Certified from NABL accredited Lab (AFTRIL lab) as per latest EN parameters	

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

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