

**KANEX<sup>®</sup>**



STEP INSIDE THE SAFEZONE





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# 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

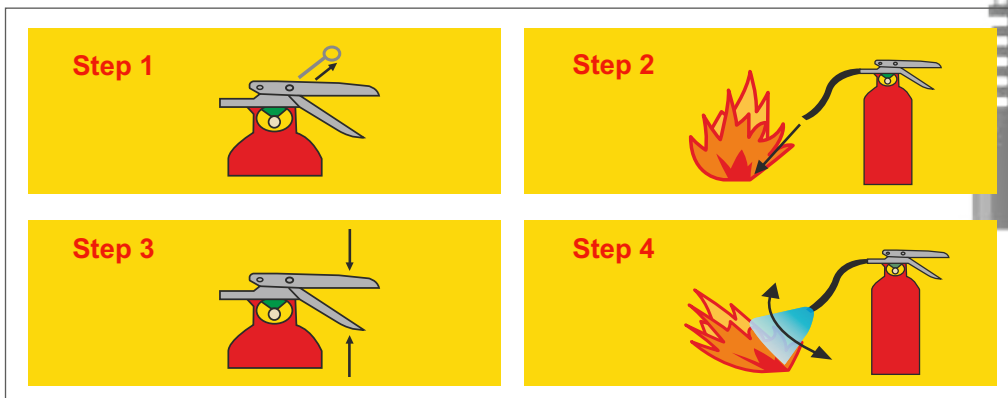
# How to Use?

“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.



## POWDER STORED PRESSURE FIRE EXTINGUISHERS

KANEX STORED PRESSURE Dry Powder fire extinguishers are characterized by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving freely burning materials, petrol & oils, gas & electrical equipment. They are ideal for vehicle & marine risks. KANEX powder extinguishers contain high performance powder to achieve the best Fire Rating.

**Ideal Use:** Homes, office, Buildings warehouses, Farms and Wood working area etc.



Class A



Class B



Class C



Electrical



### FEATURES

- MAP Mono Ammonium Phosphate dry chemical powder capable of fighting against class A, B, C & Electrically started fires.
- BIS Approved and ISI marked
- Hydraulically tested as per standard and passed through anti-corrosive treatment
- High quality Pure Polyester (PP) powder coating (UV Resistant)
- Brass chrome plated valve with simple squeeze operation
- Unique Gauge Testing System (UGTS) mechanism
- Controllable discharge
- Easy to maintain, recharge & service
- Large loop Stainless steel Pull pin
- EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks
- Conformity standard IS 15683:2006

### PERFORMANCE DATA

MODEL	KFARQ-1-50% KFARQ-1-90%	KFARQ-2-50% KFARQ-2-90%	KFARQ-4-50% KFARQ-4-90%	KFARQ-6-50% KFARQ-6-90%	KFARQ-9-50% KFARQ-9-90%
Capacity	1 kg	2 kg	4 kg	6 kg	9 kg
Design	Nozzle	Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating (MAP 50%)	8B	8B	2A : 21B	3A : 21B	3A : 21B
Fire Rating (MAP 90%)	1A : 13B	1A : 21B	2A : 21B*	3A : 34B*	4A : 89B
Height (Approx.)	325 mm	380 mm	490 mm	530 mm	575 mm
Diameter (Approx.)	86±10 mm	106±10 mm	140±10 mm	150±10 mm	180±10 mm
Average Discharge time	9 Sec	14 Sec	18 Sec	24 Sec	31 Sec
Average Range of throw	2 m	2 m	3 m	5 m	6 m
Average % Discharge	94%	95%	94%	94%	94%
Operating Temperature	-30 °C to +55 °C				
Service/Max. service/Test Pressure	15 / 18 / 35 bar				
Expelling Agent	Nitrogen (UHP Grade)				
Empty Weight (Approx.)	1.3 kg	2.0 kg	3.0 kg	3.3 kg	5.0 kg
Full Weight (Approx.)	2.3 kg	4.0 kg	7.0 kg	9.3 kg	14.0 kg
Shipping Weight (Approx.)	2.5 kg	4.2 kg	7.3 kg	9.6 kg	14.5 kg
Packing Standard	Inner- 13.75"X4.75"X4.75" Outer (5 in 1)- 16.5"X10"X10"	Inner- 13.75"X4.75"X4.75" Outer (4 in 1)- 16.5"X10"X10"	2 in 1- 21"X6.75"X14.10"	2 in 1- 21"X6.75"X14.10"	1 in 1 - 24.5"X8.0"X8.0"
Mounting Bracket	Vehicle/Wall bracket			Wall Bracket	
Approvals	BIS	BIS	BIS	BIS	BIS

\* Indicates factory tested



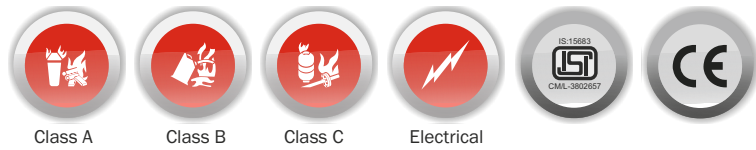
## POWDER STORED PRESSURE FIRE EXTINGUISHERS

KANEX STORED PRESSURE Dry Powder fire extinguishers are characterized by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving freely burning materials, petrol & oils, gas & electrical equipment. They are ideal for vehicle & marine risks. KANEX powder extinguishers contain high performance powder to achieve high Fire Rating.

### FIRE RATINGS

Capacity	BIS Rating	BS EN Rating
1 kg	1A:13B	5A:13B*
2 kg	1A:21B	5A:21B*
4 kg	2A:21B	13A:89B*
6 kg	3A:21B	27A:183B*
9 kg	4A:89B	43A:233B*

**Ideal Use:** Homes, office, Buildings warehouses, Farms and Wood working area etc.



### HQ SERIES FEATURES



UL Listed Mono Ammonium Phosphate dry chemical powder capable of fighting against class A, B, C & Electrically started fires.



HQ series products are designed to achieve the best Fire Rating Refer the above table



Unique Gauge Testing System (UGTS) mechanism



CE marked, brass chrome plated valve with controllable discharge mechanism and Large loop Stainless steel Pull pin EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks



Internally Epoxy Polyester (EP) and Externally Pure Polyester (PP) powder coated (UV Resistant)



Hydraulically tested as per standard requirements



Anti-corrosive treatment: Semi Automatic Seven tank Hot dipping Phosphate treatment Process



Helium Leak Detection tested for leakage, leak rate up to  $1 \times 10^{-8}$  mbar.l/sec.



Easy to maintain, recharge & service



Welding Procedure (WPS) approved by TPI with 6G certification, BIS Approved (IS 15683:2006), ISI marked and CE Certified

### PERFORMANCE DATA

MODEL	KFAHQ-1-UL90%	KFAHQ-2-UL90%	KFAHQ-4-UL90%	KFAHQ-6-UL90%	KFAHQ-9-UL90%
Capacity	1 kg	2 kg	4 kg	6 kg	9 kg
Design	Nozzle	Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating	1A : 13B	1A : 21B	2A : 21B	3A : 21B	4A : 89B
Height (Approx.)	325 mm	380 mm	490 mm	530 mm	575 mm
Diameter (Approx.)	86±10 mm	106±10 mm	140±10 mm	150±10 mm	180±10 mm
Average Discharge time	9 Sec	14 Sec	18 Sec	24 Sec	31 Sec
Average Range of throw	2 m	2 m	3 m	5 m	6 m
Average % Discharge	94%	95%	94%	94%	94%
Operating Temperature	-30 °C to +55 °C				
Service/Max. service/Test Pressure	15 / 18 / 35 bar				
Expelling Agent	Nitrogen (UHP Grade)				
Empty Weight (Approx.)	1.3 kg	2.0 kg	3.0 kg	3.3 kg	5.0 kg
Full Weight (Approx.)	2.3 kg	4.0 kg	7.0 kg	9.3 kg	14.0 kg
Shipping Weight (Approx.)	2.5 kg	4.2 kg	7.3 kg	9.6 kg	14.5 kg
Packing Standard	Inner- 13.75"X4.75"X4.75" Outer (5 in 1)- 16.5"X10"X10"	Inner- 13.75"X4.75"X4.75" Outer (4 in 1)- 16.5"X10"X10"	2 in 1- 21"X6.75"X14.10"	2 in 1- 21"X6.75"X14.10"	1 in 1 - 24.5"X8.0"X8.0"
Mounting Bracket	Vehicle/Wall bracket		Wall Bracket		
Approvals	BIS & CE	BIS & CE	BIS & CE	BIS & CE	BIS & CE

\* Indicates factory tested



## POWDER CARTRIDGE PRESSURE FIRE EXTINGUISHERS

KANEX CARTRIDGE OPERATED Dry Powder fire extinguishers are characterized by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving freely burning materials, petrol & oils, gas & electrical equipment. They are ideal for vehicle & marine risks. KANEX powder extinguishers contain high performance powder to achieve high Fire Rating.

**Ideal Use:** Homes, office, Buildings warehouses, Farms and Wood working area etc.



Class A  
(for MAP only)



Class B



Class C



Electrical



### FEATURES

- SBC / PBC based Dry Chemical powder capable of fighting against class B, C & Electrically started fires
- MAP Mono Ammonium Phosphate dry chemical powder capable of fighting against class A, B, C & Electrically started fires
- BIS Approved and ISI marked
- Hydraulically tested as per standard and passed through anti-corrosive treatment
- High quality Pure Polyester (PP) powder coating (UV Resistant)
- Brass chrome plated valve with simple squeeze operation
- Controllable discharge
- Easy & more economical to maintain & service
- Rechargeable and easy to service
- Large loop Stainless steel pull Pin
- EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks
- Conformity standard IS 15683:2006

### PERFORMANCE DATA

MODEL (BC POWDER)	KFDRQ-4-S KFDRQ-4-P	KFDRQ-6-S KFDRQ-6-P	KFDRQ-9-S KFDRQ-9-P
MODEL (MAP POWDER)	KFDRQ-4-50% KFDRQ-4-90%	KFDRQ-6-50% KFDRQ-6-90%	KFDRQ-9-50% KFDRQ-9-90%
Capacity	4 kg	6 kg	9 kg
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating (SBC / PBC)	21B	34B	34B
Fire Rating (MAP)	2A : 34B	3A : 55B	4A : 89B
Height (Approx)	510 mm	540 mm	585 mm
Diameter (Approx)	140±10 mm	150±10 mm	180±10 mm
Average Discharge time	15 Sec.	20 Sec.	30 Sec.
Average Range of throw	4 m	4.5 m	5 m
Average % Discharge	96%	94%	95%
Operating Temperature	-30 °C to +55 °C		
Service/Max. service/Test Pressure	15 / 17 / 35 bar		
Expelling Agent	CO2 Gas		
CO2 Gas Cartridge	120 gm	120 gm	200 gm
Empty Weight (Approx.)	4.0 kg	4.3 kg	6.3 kg
Full Weight (Approx.)	8.0 kg	10.3 kg	15.3 kg
Shipping Weight (Approx.)	8.3 kg	10.6 kg	15.8 kg
Packing Standard	2 in 1- 21"X6.75"X14.10"	2 in 1- 22.5"X6.75"X14.10"	2 in 1- 24.75"X15.3"X8"
Mounting Bracket	Wall Bracket		
Approval	BIS		

\* Indicates factory tested



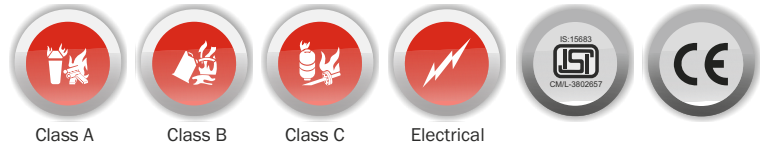
## POWDER CARTRIDGE PRESSURE FIRE EXTINGUISHERS

KANEX CARTRIDGE OPERATED Dry Powder fire extinguishers are characterized by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving freely burning materials, petrol & oils, gas & electrical equipment. They are ideal for vehicle & marine risks. KANEX powder extinguishers contain high performance powder to achieve high Fire Rating.

**Ideal Use:** Homes, office, Buildings warehouses, Farms and Wood working area etc.

### FIRE RATINGS

Capacity	BIS Rating	BS EN Rating
4 kg	2A:34B	13A:89B*
6 kg	3A:55B	27A:183B*
9 kg	4A:89B	43A:233B*



### HQ SERIES FEATURES



UL Listed Mono Ammonium Phosphate dry chemical powder capable of fighting against class A, B, C & Electrically started fires.



Internally Epoxy Polyester (EP) and Externally Pure Polyester (PP) powder coated (UV Resistant)



HQ series products are designed to achieve the best Fire Rating Refer the above table



Hydraulically tested as per standard requirements



CO<sub>2</sub> gas cartridge confirms to IS:4947



Anti-corrosive treatment: Semi Automatic Seven tank Hot dipping Phosphate treatment Process



CE marked, brass chrome plated valve with Controlled discharge mechanism and Large loop Stainless steel Pull pin



Easy to maintain, recharge & service



EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks



Welding Procedure (WPS) approved by TPI with 6G certification, BIS Approved (IS 15683:2006), ISI marked and CE Certified

### PERFORMANCE DATA

MODEL	KFDHQ-4-UL90%	KFDHQ-6-UL90%	KFDHQ-9-UL90%
Capacity	4 kg	6 kg	9 kg
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating (MAP)	2A : 34B	3A : 55B	4A : 89B
Height (Approx)	510 mm	540 mm	585 mm
Diameter (Approx)	140±10 mm	150±10 mm	180±10 mm
Average Discharge time	15 Sec.	20 Sec.	30 Sec.
Average Range of throw	4 m	4.5 m	5 m
Average % Discharge	96%	94%	95%
Operating Temperature	-30 °C to +55 °C		
Service/Max. service/Test Pressure	15 / 17 / 35 bar		
Expelling Agent	CO <sub>2</sub> Gas		
CO <sub>2</sub> Gas Cartridge	120 gm	120 gm	200 gm
Empty Weight (Approx.)	4.0 kg	4.3 kg	6.3 kg
Full Weight (Approx.)	8.0 kg	10.3 kg	15.3 kg
Shipping Weight (Approx.)	8.3 kg	10.6 kg	15.8 kg
Packing Standard	2 in 1- 21"X6.75"X14.10"	2 in 1- 22.5"X6.75"X14.10"	2 in 1- 24.75"X15.3"X8"
Mounting Bracket	Wall Bracket		
Approval	BIS & CE		

\* Indicates factory tested



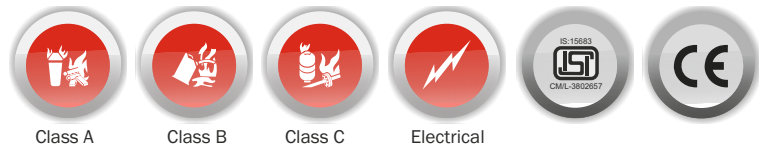
## POWDER STORED PRESSURE FIRE EXTINGUISHERS WITH SS BODY

KANEX SS BODY DRY POWDER STORED PRESSURE fire extinguishers are characterized by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving freely burning materials, petrol & oils, gas & electrical equipment. They are ideal for vehicle & marine risks. KANEX powder extinguishers contain high performance powder to achieve high Fire Rating.











**Ideal Use:** Homes, office, Buildings warehouses, Farms and Wood working area etc.

### FIRE RATINGS

Capacity	BIS Rating	BS EN Rating
2 kg	1A:21B	5A:21B*
4 kg	2A:34B	13A:89B*
6 kg	3A:55B	27A:183B*



### HQ SERIES FEATURES

-  UL Listed Mono Ammonium Phosphate dry chemical powder capable of fighting against class A, B, C & Electrically started fires.
-  HQ series products are designed to achieve the best Fire Rating Refer the above table
-  Unique Gauge Testing System (UGTS) mechanism
-  CE marked, brass chrome plated valve with Controlled discharge mechanism and Large loop Stainless steel Pull pin
-  EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks
-  Hydraulically tested as per standard requirements
-  Smooth Finish stainless steel body to give aesthetic impression
-  Helium Leak Detection tested for leakage, leak rate up to  $1 \times 10^{-8}$  mbar.l/sec.
-  Easy to maintain, recharge & service
-  Welding Procedure (WPS) approved by TPI with 6G certification BIS Approved (IS 15683:2006), ISI marked and CE Certified

### PERFORMANCE DATA

MODEL	KFASSHQ-2-90% KFASSHQ-2-UL90%	KFASSHQ-4-90% KFASSHQ-4-UL90%	KFASSHQ-6-90% KFASSHQ-6-UL90%
Capacity	2 kg	4 kg	6 kg
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating	1A : 21B	2A : 34B	3A : 55B
Height (Approx)	440 mm	500 mm	550 mm
Diameter (Approx)	100±10 mm	140±10 mm	150±10 mm
Average Discharge time	14 Sec	18 Sec	24 Sec
Average Range of throw	2 m	3 m	5 m
Average % Discharge	93.5%	92.5%	93.5%
Operating Temperature	-30 °C to +55 °C	-30 °C to +55 °C	-30 °C to +55 °C
Service/Max. service/Test Pressure	15 / 17 / 35 bar		
Expelling Agent	Nitrogen (UHP Grade)		
Empty Weight (Approx.)	1.6 kg	2.4 kg	2.7 kg
Full Weight (Approx.)	3.6 kg	6.4 kg	8.7 kg
Shipping Weight (Approx.)	3.8 kg	6.7 kg	9.1 kg
Packing Standard	2 in 1- 21"X6.75"X14.10"	2 in 1- 21"X6.75"X14.10"	2 in 1- 22.5"X6.75"X14.10"
Mounting Bracket	Wall Bracket		
Approval	BIS & CE		

\* Indicates factory tested





## CLEAN AGENT STORED PRESSURE EXTINGUISHER

KANEX FE36 CLEAN AGENT STORED PRESSURE Fire Extinguishers are environmentally safe and ideal for protecting delicate electronic equipment as the clean agent leaves no residue and also intended for the protection of facilities, typically the areas that contain sensitive or irreplaceable equipment or collection which could be damaged or destroyed by water, foam, dry chemical or CO<sub>2</sub>.

### Ideal Use:

Computers, Phone, Switch gears, Sensitive data storage, Offices, Boats, Aircraft's, Laboratories etc

### FIRE RATINGS

Capacity	BIS Rating	BS EN Rating
2 kg	8B	21B*
4 kg	1A:13B 2A:34B	5A:51B* 8A:34B*



Class A



Class B



Class C



Electrical



### Chemours (Earlier known as DuPont) FE 36 Clean Agent Approvals



### HQ SERIES FEATURES



UL Listed and FM Approved FE 36 (HFC 236fa) gas is compliant with ASTM-D6541-11 also approved by US EPA (Environmental Protection Agency), Listing under USA Signification New Alternative Policy (SNAP)



HQ series products are designed to achieve the best Fire Ratings Refer the table above



Unique Gauge Testing System (UGTS) mechanism



CE marked, brass chrome plated valve with Controlled discharge mechanism and Large loop Stainless steel Pull pin EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks



Internally Epoxy Polyester (EP) and Externally Pure Polyester (PP) powder coated (UV Resistant)



Hydraulically tested as per standard requirements



Anti-corrosive treatment: Semi Automatic Seven tank Hot dipping Phosphate treatment Process



Helium Leak Detection tested for leakage, leak rate up to 1x10<sup>-8</sup> mbar.l/sec.



Easy to maintain, recharge & service



Welding Procedure (WPS) approved by TPI with 6G certification BIS Approved (IS 15683:2006), ISI marked and CE Certified

Properties of FE 36 Clean Agent	
Chemical Formula : 1,1,1,3,3,3 Hexa Fluoro Propane	
Molecular Weight	152
Boiling point	-1.4 °C
Freezing Point	-103 °C
Maximum Fill Density	1.20 gm/ml.
Specific gravity	1.37 gm/cc.
Scheduled Production Phase out per Montreal Protocol	None

### Comparative Advantages of FE - 36

- It does not contain d-limoene, which is flammable non volatile residue. Extinguishing agents containing d-limoene may leave a coating of d-limoene. In FE-36 variation between atmospheric temperature and boiling point is less, hence it does not leave any condensed moisture as in case of CO<sub>2</sub>.
- FE 36 is not scheduled for phase out as HCFC like Halotron I, which contains Chlorine. The B.Pt of FE 36 is -1.4°C, hence is discharged as gas, unlike Halotron I, which comes out as a liquid. The Extinguishing concentration of FE 36 is well above NOAEL and LOAEL values. NO CL<sub>2</sub> BR<sub>2</sub> . NO PHASE OUT : MONTREAL PROTOCOL

### PERFORMANCE DATA

MODEL ( RQ SERIES )**	KCARQ-2	KCARQ-4	KCARQ-6
MODEL ( HQ SERIES )	KCAHQ-2-FE36	KCAHQ-4-FE36	KCAHQ-6-FE36
Capacity	2 kg	4 kg	6 kg
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating	8B	1A : 13B	2A : 34B
Height (Approx.)	410 mm	490 mm	530 mm.
Diameter (Approx.)	106±10 mm.	140±10 mm	150±10 mm.
Average Discharge time	9 Sec.	14 Sec.	22 Sec.
Average Range of throw	3 m	3.5 m	4 m.
Average % Discharge	96%	98%	97%
Operating Temperature	-20 °C to +55 °C	-20 °C to +55 °C	-30 °C to +55 °C
Service/Max. service/Test Pressure	9 / 15 / 35 bar		
Expelling Agent	Nitrogen (UHP Grade)		
Empty Weight (Approx.)	2.1 kg	3.0 kg	3.3 kg
Full Weight (Approx.)	4.1 kg	7.0 kg	9.3 kg
Shipping Weight (Approx.)	4.3 kg	7.3 kg	9.6 kg
Packing Standard	Inner-13.75"X4.75"X4.75" Outer (4 in 1)- 16.5"X10"X10"	2 in 1- 21"X6.75"X14.10"	2 in 1- 22.5"X6.75"X14.10"
Mounting Bracket	Vehicle/Wall bracket	Wall Bracket	
Approvals	BIS & CE		

\* Indicates factory tested

\*\* RQ Series available with HFC-236fa agent variation



**KANEX**<sup>®</sup>  
HQ SERIES...

## CLEAN AGENT STORED PRESSURE EXTINGUISHER WITH SS BODY

KANEX FE36 CLEAN AGENT SMOOTH FINISH SS BODY STORED PRESSURE Fire Extinguishers are environmentally safe and ideal for protecting delicate electronic equipment as the clean agent leaves no residue and also intended for the protection of facilities typically, the areas that contain sensitive or irreplaceable equipment or collection which could be damaged or destroyed by water, foam, dry chemical or CO<sub>2</sub>

### Ideal Use:

Computers, Phone, Switch gears, Sensitive data storage, Offices, Boats, Aircraft's, Laboratories etc

### FIRE RATINGS

Capacity	BIS Rating	BS EN Rating
2 kg	1A:21B	21B*
4 kg	1A:21B	5A:21B*



Class A



Class B



Class C



Electrical



Chemours (Earlier known as DuPont) FE 36  
Clean Agent Approvals



## HQ SERIES FEATURES



UL Listed and FM Approved FE 36 (HFC 236fa) gas is compliant with ASTM-D6541-11 also approved by US EPA (Environmental Protection Agency), Listing under USA Signification New Alternative Policy (SNAP)



HQ series products are designed to achieve the best Fire Ratings Refer the table above



Unique Gauge Testing System (UGTS) mechanism



CE marked, brass chrome plated valve with Controlled discharge mechanism and Large loop Stainless steel Pull pin



EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks



Hydraulically tested as per standard requirements



Smooth Finish stainless steel body to give aesthetic impression



Helium Leak Detection tested for leakage, leak rate up to 1x10<sup>-8</sup> mbar./sec.



Easy to maintain, recharge & service



Welding Procedure (WPS) approved by TPI with 6G certification BIS Approved (IS 15683:2006), ISI marked and CE Certified

Properties of DuPont FE 36 Clean Agent Chemical Formula : 1,1,1,3,3,3 Hexa Fluoro Propane	
Molecular Weight	152
Boiling point	-1.4 °C
Freezing Point	-103 °C
Maximum Fill Density	1.20 gm/ml
Specific gravity	1.37 gm/cc
Scheduled Production Phase out per Montreal Protocol	None

### Comparative Advantages of FE - 36

- It does not contain d-limoene, which is flammable non volatile residue. Extinguishing agents containing d-limoene may leave a coating of d-limoene. In FE-36 variation between atmospheric temperature and boiling point is less, hence it does not leave any condensed moisture as in case of CO<sub>2</sub>.
- FE 36 is not scheduled for phase out as HCFC like Halotron I, which contains Chlorine. The B.Pt of FE 36 is -1.4°C, hence is discharged as gas, unlike Halotron I, which comes out as a liquid. The Extinguishing concentration of FE 36 is well above NOAEL and LOAEL values. NO CL<sub>2</sub> BR<sub>2</sub>. NO PHASE OUT : MONTREAL PROTOCOL

## PERFORMANCE DATA

MODEL	KCASSHQ-2-FE36	KCASSHQ-4-FE36
Capacity	2 kg	4 kg
Design	Hose & Nozzle	Hose & Nozzle
Fire Rating	1A : 21B	1A : 21B
Height (Approx.)	440 mm	500 mm
Diameter (Approx.)	110±10 mm	140±10 mm
Average Discharge time	9 Sec.	14 Sec.
Average Range of throw	3 m	4 m
Average % Discharge	96%	97%
Operating Temperature	-30 °C to +55 °C	
Service/Max. service/Test Pressure	9 / 15 / 35 bar	
Expelling Agent	Nitrogen (UHP Grade)	
Empty Weight (Approx.)	1.6 kg	2.4 kg
Full Weight (Approx.)	3.6 kg	6.4 kg
Shipping Weight (Approx.)	3.8 kg	6.7 kg
Packing Standard	2 in 1- 21"X6.75"X14.10"	2 in 1- 21"X6.75"X14.10"
Mounting Bracket	Vehicle/Wall bracket	Wall Bracket
Approvals	BIS & CE	

## CO<sub>2</sub> PORTABLE FIRE EXTINGUISHER

KANEX CO<sub>2</sub> Portable fire extinguishers are characterized by their high performance for fires involving an electrical risk like computers, office equipment and generators etc. CO<sub>2</sub> is non-conductive, clean and safe, ensuring minimal damage to electrical equipment and furnishings.

Available in squeeze grip as well as in wheel type discharge mechanism

Suitable for Class B, Class C & Electrical fire risks

**Ideal Use:** Chemical Manufacturing Plant, Oil Ring, Rail Yards, Warehouses, Construction sites, Parking garages, Airport, Electrical substation and Large laboratories.



Class B



Class C



Electrical



### FEATURES

- Carbon Di Oxide is Colorless, Odorless, Non Toxic and provides rapid knockdown of industrial fires
- BIS Approved and ISI marked
- PESO / CCOE Approved cylinder body and confirms to IS:7285
- High grade Enamel Painted externally with PO Red finish
- Wheel operated Controllable discharge
- High pressure Brass valve confirms to IS:3224 which is provided with pressure relief disc
- Rechargeable and easy to service
- Non conductive agent for electrical use without risk to operator
- CO<sub>2</sub> gas disappears quickly leaving no residue
- Swivel horn for 2 & 3 kg with no freeze burn, with greater directional control of CO<sub>2</sub> discharge through horn rotation feature
- Conformity standard IS:15683:2006

### PERFORMANCE DATA

MODEL (WHEEL TYPE VALVE)	KFCRQ-2	KFCRQ-3	KFCRQ-4.5
MODEL (SQUEEZE GRIP VALVE)	KFCSQZRQ-2	KFCSQZRQ-3	KFCSQZRQ-4.5
Capacity	2 kg	3 kg	4.5 kg
Design	Bend Pipe & Horn	Bend Pipe & Horn	Hose & Horn
Fire Rating	8B	13B	21B
Height (Approx)	580 mm	545 mm	700 mm
Diameter (Approx)	108±10 mm	140±10 mm	140±10 mm
Average Discharge time	9 Sec.	11 Sec.	12 Sec.
Average Range of throw	2 m	2 m	2 m
Average % Discharge	98%	98%	98%
Operating Temperature	-30 °C to +55 °C		
Service/Max. service/Test Pressure	60 / 105 / 250 bar		
Empty Weight (Approx.)	6.9 or 6.2 kg	9.5 or 8.4 kg	12.5 or 11.9 kg
Full Weight (Approx.)	8.9 or 8.2 kg	12.5 or 11.4 kg	17 or 16.4 kg
Shipping Weight (Approx.)	9 or 8.3 kg	12.8 or 11.7 kg	17.4 or 16.8 kg
Packing Standard	Corrugated paper & Jute Bags		
Mounting Bracket	Wall Bracket		
Approval	BIS		



## CO<sub>2</sub> PORTABLE FIRE EXTINGUISHER ALUMINUM BODY

KANEX CO<sub>2</sub> Aluminum body fire extinguisher are environmentally safe and designed to suppress the fire where class B, C and Electrically energized fires could occur. CO<sub>2</sub> Extinguishers are advisable to use in Indoors where wind and drafts doesn't affect discharge and where clean medium required which doesn't leave residue.

Advantages of having Aluminum body fire extinguishers are lighter weight compared to Manganese steel bodies and longer life.

**Ideal Use:** Hospitals, General office areas, Apartments, Air crafts, Computer centers

### FIRE RATINGS

Capacity	BIS Rating	BS EN Rating
2 kg	13B*	13B*
4.5 kg	34B	34B*



Class B



Class C



Electrical



### FEATURES



Highly pure about 99.95% Carbon dioxide is discharged as a white cloud of "snow" which smothers a fire by eliminating oxygen. It is effective for Class B flammable liquids and is electrically non-conductive. Carbon Dioxide is a clean, non-contaminating, odorless gas.



Anti-corrosive treatment: High grade and durable Enamel paint



HQ series products are designed to achieve the best Fire Ratings Refer the table above



PESO approved and IS:15660 confirmed Aluminum Body



Brass high pressure valve with squeeze mechanism and inbuilt pressure relief disc and confirms to IS 3224



Extinguisher shells are manufactured as per IS:15660, 100% hydro tested to excess of 250 bar and approved by BIS & PESO



Superior grade steel wire braided hoses are tested for higher pressure and strong enough for high pressure release of CO<sub>2</sub> gas. Diffuser discharge horn is Non conductor to electricity



PESO Approved, ISI marked and CE Certified for 4.5kg capacity  
PESO Approved and CE certified for 2KG Capacity

### PERFORMANCE DATA

MODEL	KFCHQ-2-AL	KFCHQ-4.5-AL
Capacity	2 kg	4.5 kg
Design	Bend Pipe & Horn	Hose & Horn
Fire Rating	13B*	34B
Height (Approx)	580 mm	700 mm
Diameter (Approx)	108±10 mm	140±10 mm
Average Discharge time	9 Sec.	12 Sec.
Average Range of throw	2 m	2 m
Average % Discharge	98%	98%
Operating Temperature	-30 °C to +55 °C	
Service/Max. service/Test Pressure	60 / 105 / 250 bar	
Empty Weight (Approx.)	3.8 kg	7.3 kg
Full Weight (Approx.)	5.8 kg	11.8 kg
Shipping Weight (Approx.)	6.0 kg	12.0 kg
Packing Standard	Corrugated Paper & Jute Bags	
Mounting Bracket	Wall Bracket	
Approval	CE	BIS & CE

\* Indicates factory tested



## FOAM & WATER TYPE STORED PRESSURE FIRE EXTINGUISHER

KANEX STORED PRESSURE Foam and Water fire extinguisher are ideal for fires involving volatile liquids and freely burning materials such as paper, cloth, wood and furniture.  
 Note: Mechanical Foam & water extinguishers are not suitable for fires involving electrical risk.

**Ideal Use:** Plywood companies (WATER), Petrol Stations (FOAM), Restaurants, etc.

- Water Type Suitable for Class A Fire Risk
- Foam Type Suitable for Class A and Class B Fire Risk



Caution :  
 Don't use on Electrical Fire.



Class A



Class A



Class B



### FEATURES

- AFFF (Aqueous Film Forming Foam) fights against Class A and Class B fires
- Water type extinguisher effectively works on class A fires
- BIS Approved and ISI marked
- High quality Pure Polyester (PP) powder coating (UV Resistant)
- Air aspirated nozzle to provide high fire rating in case of Foam extinguisher
- Brass chrome plated valve with simple squeeze operation and controllable discharge
- Unique Gauge Testing System (UGTS) mechanism
- Hydraulically tested as per standard and passed through anti-corrosive treatment
- Easy to maintain, recharge & service
- Large loop Stainless steel Pull pin
- EPDM Rubber braided hose is far more flexible than the PVC braided
- Conformity standard IS: 15683:2006

### PERFORMANCE DATA

MODEL	FOAM		WATER	
	KFMSRQ-6	KFMSRQ-9	KFWSRQ-6	KFWSRQ-9
Capacity	6 Ltr	9 Ltr	6 Ltr	9 Ltr
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating	1A : 21B*	4A : 55B	2A*	2A
Height (Approx.)	530 mm	575 mm	530 mm	575 mm
Diameter (Approx.)	150±10 mm	180±10 mm	150±10 mm	180±10 mm
Average Discharge time	22 Sec.	31 Sec.	22 Sec.	35 Sec.
Average Range of throw	6 m	6 m	5 m	6 m
Average % Discharge	96%	97%	96%	97%
Operating Temperature	+5 °C to +55 °C			
Service/Max. service/Test Pressure	15 / 17 / 35 bar			
Expelling Agent	Nitrogen (UHP Grade)			
Empty Weight (Approx.)	3.3 kg	5.0 kg	3.3 kg	5.0 kg
Full Weight (Approx.)	9.3 kg	14.0 kg	9.3 kg	14.0 kg
Shipping Weight (Approx.)	9.6 kg	14.5 kg	9.6 kg	14.5 kg
Packing Standard	2 in 1 - 22.5"X6.75"X14.10"	1 in 1 - 24.75"X8"X8"	2 in 1 - 22.5"X6.75"X14.10"	1 in 1 - 24.75"X8"X8"
Mounting Bracket	Wall Bracket			
Approvals	—	BIS	—	BIS

\* Indicates factory tested



## FOAM & WATER CARTRIDGE PRESSURE FIRE EXTINGUISHER

KANEX CARTRIDGE OPERATED Foam and water fire extinguishers are ideal for fires involving volatile liquids and freely burning materials such as paper, cloth, wood and furniture.

Note : Mechanical Foam & Water extinguishers are not suitable for fires involving electrical risk.

**Ideal Use:** Plywood companies (WATER), Petrol Stations (FOAM), Restaurants, etc.

- Water Type Suitable for Class A Fire Risk
- Foam Type Suitable for Class A and Class B Fire Risk



Class A



Class A



Class B



Caution :

Don't use on Electrical Fire.

### FEATURES

- AFFF (Aqueous Film Forming Foam) fights against Class A and Class fires
- Water type extinguishers effectively works on Class A fires
- BIS Approved and ISI marked
- Hydraulically tested as per standard and passed through anti-corrosive treatment
- High quality Pure Polyester (PP) powder coating (UV Resistant)
- Spray nozzle to provide high fire rating
- Brass chrome plated valve with simple squeeze operation
- Easy to maintain, recharge & service
- Large loop Stainless steel Pull pin
- EPDM Rubber braided hose is far more flexible than the PVC braided
- Conformity standard IS 15683:2006

### PERFORMANCE DATA

MODEL	FOAM		WATER	
	KFMCRQ-6	KFMCRQ-9	KFWCRQ-6	KFWCRQ-9
Capacity	6 Ltr	9 Ltr	6 Ltr	9 Ltr
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating (RQ)	2A : 34B*	4A : 34B	2A*	3A
Height (Approx.)	540 mm	585 mm	540 mm	585 mm
Diameter (Approx.)	150±10 mm	180±10 mm	150±10 mm	180±10 mm
Average Discharge time	22 Sec.	35 Sec.	21 Sec.	35 Sec.
Average Range of throw	4 m	6 m	5 m	6 m
Average % Discharge	96%	97%	96%	97%
Operating Temperature	+5 °C to +55 °C			
Service/Max. service/Test Pressure	14 / 16 / 35 bar			
Expelling Agent	Carbon Dioxide gas			
CO <sub>2</sub> gas Cartridge (gm)	60 Grams			
Empty Weight (Approx.)	4.0 kg	5.8 kg	4.0 kg	5.8 kg
Full Weight (Approx.)	10.0 kg	14.8 kg	10.0 kg	14.8 kg
Shipping Weight (Approx.)	10.3 kg	15.3 kg	10.3 kg	15.3 kg
Packing Standard	2 in 1 - 22.5"X6.75"X14.10"	1 in 1 - 24.75"X8"X8"	2 in 1 - 22.5"X6.75"X14.10"	1 in 1 - 24.75"X8"X8"
Mounting Bracket	Wall Bracket			
Approvals	—	BIS	—	BIS

\* Indicates factory tested



## FOAM STORED PRESSURE FIRE EXTINGUISHER

KANEX AR-AFFF FOAM STORED PRESSURE / CARTRIDGE OPERATED fire extinguishers provide a fast, power full means of tackling flammable liquid fires. The foam forms a seal over the surface to prevent re-ignition. Ideal for multi-risk usage and also applicable against class 'A' hazards such as wood, cloth, trash and other materials that leave an ash.

**Ideal Use:** Plywood companies, Petrol Stations, Restaurants, etc.

### FIRE RATINGS

Capacity	BIS Rating	BS EN Rating
6 Ltr	2A:34B*	13A:89B*
9 Ltr	4A:55B	27A:183B*



Class A



Class B



### HQ SERIES FEATURES



AR-AFFF agent confirming IS:4989 (Part-II) capable of fighting against Class A and B fires



HQ series products are designed to achieve the best Fire Rating Refer the above table



Unique Gauge Testing System (UGTS) mechanism



CE marked, brass chrome plated valve with Controllable discharge mechanism and Large loop Stainless steel Pull pin EPDM Rubber braided hose is far more flexible than the PVC braided hose and also far less prone to cracks



Internally Plastic coated and Externally Pure Polyester (PP) powder coated (UV Resistant)



Hydraulically tested as per standard requirements



Anti-corrosive treatment: Semi Automatic Seven tank Hot dipping Phosphate treatment Process



Helium Leak Detection tested for leakage, leak rate up to  $1 \times 10^{-8}$  mbar.l/sec.



Easy to maintain, recharge & service



Welding Procedure (WPS) approved by TPI with 6G certification BIS Approved (IS 15683:2006), ISI marked and CE Certified

### PERFORMANCE DATA

MODEL	KFMSHQ-6-AR	KFMSHQ-9-AR
Capacity	6 Ltr	9 Ltr
Design	Hose & Nozzle	Hose & Nozzle
Fire Rating	2A : 34B*	4A : 55B
Height (Approx.)	530 mm	575 mm
Diameter (Approx.)	150±10 mm	180±10 mm
Average Discharge time	22 Sec.	31 Sec.
Average Range of throw	6 m	6 m
Average % Discharge	96%	97%
Operating Temperature	+5 °C to +55 °C	
Service/Max. service/Test Pressure	15 / 17 / 35 bar	
Expelling Agent	Nitrogen (UHP Grade)	
Empty Weight (Approx.)	3.3 kg	5.0 kg
Full Weight (Approx.)	9.3 kg	14.0 kg
Shipping Weight (Approx.)	9.6 kg	14.5 kg
Packing Standard	2 in 1 - 22.5"X6.75"X14.10"	1 in 1 - 24.75"X8"X8"
Mounting Bracket	Wall Bracket	
Approvals	CE	BIS & CE

\* Indicates factory tested



## FOAM AND WATER STORED PRESSURE FIRE EXTINGUISHER WITH SS BODY

KANEX AR-AFFF FOAM SMOOTH FINISH SS BODY STORED PRESSURE extinguishers provides a fast, power full means of tackling flammable liquids. The foam forms a seal over the surface to prevent re-ignition. Ideal for multi-risk usage and also applicable against Class 'A' hazards such as wood, cloth, trash and other materials that leave an ash.

**Ideal Use:** Plywood industries (WATER) Petrol Stations (FOAM) , Restaurants, etc.

**Caution :** Don't use on Electrical Fire.

- Water Type Suitable for Class A Fire Risk
- Foam Type Suitable for Class A and Class B Fire Risk

### FIRE RATINGS

	Capacity	BIS Rating	BS EN Rating
<b>M FOAM</b>	6 Ltr	2A:34B*	13A:89B*
	9 Ltr	4A:55B	27A:183B*
<b>WATER</b>	6 Ltr	2A*	13A*
	9 Ltr	4A	27A*



Class A



Class A



Class B



### HQ SERIES FEATURES



AR-AFF agent conforms to IS:4989 (Part-II) capable of fighting against Class A and B fires



HQ series products are designed to achieve the best Fire Rating Refer the above table



Unique Gauge Testing System (UGTS) Mechanism



CE marked, brass chrome plated valve with Controlled discharge mechanism and Large loop Stainless steel Pull pin



EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks



Hydraulically tested as per standard requirements



Smooth finish stainless steel body to give aesthetic impression



Helium Leak Detection tested for leakage, leak rate up to  $1 \times 10^{-8}$  mbar.l/sec.



Easy to maintain, recharge & service



BIS Approved (IS 15683:2006), ISI marked and CE Certified

### PERFORMANCE DATA

MODEL	FOAM		WATER	
	KFMSSHQ-6-AR	KFMSSHQ-9-AR	KFWSSHQ-6	KFWSSHQ-9
Capacity	6 Ltr	9 Ltr	6 Ltr	9 Ltr
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating	2A : 34B*	4A : 55B	2A*	4A
Height (Approx.)	530 mm	575 mm	530 mm	575 mm
Diameter (Approx.)	150±10 mm	180±10 mm	150±10 mm	180±10 mm
Average Discharge time	22 Sec.	31 Sec.	22 Sec.	35 Sec.
Average Range of throw	6 m	6 m	5 m	6 m
Average % Discharge	96%	97%	96%	97%
Operating Temperature	+5 °C to +55 °C			
Service/Max. service/Test Pressure	15 / 17 / 35 bar			
Expelling Agent	Nitrogen (UHP Grade)			
Empty Weight (Approx.)	2.7 kg	4.3 kg	2.7 kg	4.3 kg
Full Weight (Approx.)	8.7 kg	13.3 kg	8.7 kg	13.3 kg
Shipping Weight (Approx.)	9.1 kg	13.8 kg	9.1 kg	13.8 kg
Packing Standard	2 in 1 - 22.5"X6.75"X14.10"	1 in 1 - 24.75"X8"X8"	2 in 1 - 22.5"X6.75"X14.10"	1 in 1 - 24.75"X8"X8"
Mounting Bracket	Wall Bracket			
Approvals	CE	BIS & CE	CE	BIS & CE

\* Indicates factory tested





## F CLASS STORED PRESSURE FIRE EXTINGUISHER WITH SS BODY

Class F Fires most often occur where cooking media such as cooking oils, greases and animal fats are used.

Kitchen Fire extinguishers are designed to put out such kind of Fires safely and effectively in residential and commercial kitchens.

It works on the principle of saponification. The alkaline mixture of wet chemical while applied on burning oil, create a soapy foam layer on the surface. Which holds vapour and steam inside and extinguishes the fire.

### FIRE RATINGS

Capacity	BS EN Rating
2 Ltr	5F*
3 Ltr	5F*
6 Ltr	25F*
9 Ltr	40F*

**Ideal Use:** Big Kitchens, Restaurants etc.



Class A



Class F



### HQ SERIES FEATURES

- Wet chemical (Mixture of potassium acetate, potassium citrate or potassium carbonate) capable of fighting against Class A and F fires
- Discharge Nozzle is made up of Stainless steel and design allows a broad, dispersed discharge of agent that delivers a high volume, low velocity delivery of wet chemical which does not cause the cooking oil to splash
- Unique Gauge Testing System (UGTS) Mechanism
- CE marked, brass chrome plated valve with Controllable discharge mechanism and Large loop Stainless steel Pull pin
- EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks
- Hydraulically tested as per standard requirements
- Smooth Finish stainless steel body to give aesthetic impression
- Helium Leak Detection tested for leakage, leak rate up to  $1 \times 10^{-8}$  mbar.l/sec.
- Easy to maintain, recharge & service
- CE Certified

### PERFORMANCE DATA

MODEL	KFKHQ-2	KFKHQ-3	KFKHQ-6	KFKHQ-9
Capacity	2 Ltr	3 Ltr	6 Ltr	9 Ltr
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating	5F*	5F*	25F*	40F*
Height (Approx.)	440 mm	500 mm	550 mm	620 mm
Diameter (Approx.)	110±10 mm	140±10 mm	150±10 mm	180±10 mm
Average Discharge time	10 Sec.	12 Sec.	20 Sec.	30 Sec.
Average % Discharge	96%	97%	95%	94%
Operating Temperature	+5 °C to +55 °C			
Service/Max. service/Test Pressure	9 / 15 / 35 bar			
Expelling Agent	Nitrogen (UHP Grade)			
Empty Weight (Approx.)	1.7 kg	2.5 kg	2.9 kg	4.5 kg
Full Weight (Approx.)	3.7 kg	5.5 kg	8.9 kg	13.5 kg
Shipping Weight (Approx.)	4.0 kg	5.8 kg	9.3 kg	14.0 kg
Packing Standard	2 in 1 - 22.5"X6.75"X14.10"	2 in 1 - 22.5"X6.75"X14.10"	2 in 1 - 21"X6.75"X14.10"	1 in 1 - 24.75"X8"X8"
Mounting Bracket	Wall Bracket			
Approvals	CE			

\* Indicates factory tested



## MONNEX POWDER STORED & CARTRIDGE PRESSURE EXTINGUISHER

KANEX STORED PRESSURE & CARTRIDGE PRESSURE type Monnex / Potassium bi carbonate urea complex Dry Powder fire extinguishers are characterized by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving petrol, oils, gas & electrical equipment. KANEX powder extinguishers contain high performance powder to achieve high Fire Rating.

**Ideal Use:** Oil refineries, Petrol stations, Natural gas plant etc.

### FIRE RATINGS

	Capacity	BS EN Rating
<b>Stored Pressure</b>	2 kg	144B*
	4 kg	183B*
	6 kg	233B*
<b>Cartridge Pressure</b>	4 kg	183B*
	6 kg	233B*



Class B



Class C



Electrical



### HQ SERIES FEATURES



Monnex / Potassium Bi carbonate Urea complex powder is the most trusted high performance dry chemical powder for high risk firefighting applications. Applicable for classes B,C and electrically started fire.



HQ series products are designed to achieve the best Fire Ratings Refer the above table



Unique Gauge Testing System (UGTS) mechanism in case of Stored pressure type fire extinguisher CO<sub>2</sub> cartridge confirms to IS:4947 for cartridge type fire extinguisher CE marked, brass chrome plated valve with Controllable discharge mechanism and Large loop Stainless steel Pull pin EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks



Internally Epoxy Polyester (EP) and Externally Pure Polyester (PP) powder coated (UV Resistant)



Hydraulically tested as per standard requirements



Anti-corrosive treatment: Semi Automatic Seven tank Hot dipping Phosphate treatment Process



Helium Leak Detection tested for leakage, in case of stored pressure type fire extinguisher leak rate up to 1x10<sup>-6</sup> mbar.l/sec.



Easy to maintain, recharge & service



Welding Procedure (WPS) approved by TPI with 6G certification CE Certified

### PERFORMANCE DATA

TYPE	STORED PRESSURE			CARTRIDGE PRESSURE	
	KF MNXSHQ-2	KF MNXSHQ-4	KF MNXSHQ-6	KF MNXCHQ-4	KF MNXCHQ-6
Capacity	2 kg	4 kg	6 kg	4 kg	6 kg
Design	Hose & Nozzle			Hose & Nozzle	
Fire Rating	144B*	183B*	233B*	183B*	233B*
Height (Approx)	490 mm	530 mm	575 mm	540 mm	585 mm
Diameter (Approx)	140±10 mm	150±10 mm	180±10 mm	150±10 mm	180±10 mm
Average Discharge time	18 Sec.	24 Sec.	31 Sec.	24 Sec.	31 Sec.
Average Range of throw	3 m	5 m	6 m	5 m	6 m
Average % Discharge	93%	92%	94%	92%	94%
Operating Temperature	-30 °C to +55 °C				
Service / Test Pressure	15 / 35 bar			14 / 30 bar	
Expelling Agent	Nitrogen (UHP Grade)			CO <sub>2</sub> Gas	
CO <sub>2</sub> cartridge Capacity	—	—	—	120 gm	200 gm
Empty Weight (Approx.)	3.0 kg	3.3 kg	5.0 kg	4.3 kg	6.3 kg
Full Weight (Approx.)	5.0kg	7.3 kg	11.0 kg	8.3 kg	12.3 kg
Shipping Weight (Approx.)	5.3kg	7.8 kg	11.5 kg	8.8 kg	12.8 kg
Packing Standard	2 in 1- 21"X6.75"X14.10"	2 in 1- 21"X6.75"X14.10"	1 in 1- 24.5"X8.0"X8.0"	2 in 1- 21"X6.75"X14.10"	1 in 1- 24.5"X8.0"X8.0"
Mounting Bracket	Wall Bracket				
Approvals	CE				

\* Indicates factory tested

## POWDER TROLLEY MOUNTED FIRE EXTINGUISHERS

KANEX TROLLEY MOUNTED DRY POWDER fire extinguishers are characterized by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving freely burning materials, petrol & oils, gas & electrical equipment. KANEX powder extinguishers contain high performance powder to achieve high Fire Rating.

**Ideal Use:** Buildings, warehouses, Farms, oil refineries and Wood working area etc.



Class A  
(For MAP only)



Class B



Class C



Electrical



### FEATURES

- SBC / PBC based Dry Chemical powder capable of fighting against class B, C & Electrically started fires
- MAP Mono Ammonium Phosphate dry chemical powder capable of fighting against class A, B, C & Electrically started fires
- BIS Approved and ISI marked
- Hydraulically tested as per standard and passed through anti-corrosive treatment
- External CO<sub>2</sub> gas cylinder (PESO Approved)
- High quality Pure Polyester (PP) powder coating (UV Resistant)
- Controllable discharge
- Brass forged cap with auto safety release mechanism at 21 kg/cm<sup>2</sup>
- Easy & more economical to refill, maintain & service
- PVC Braided hose with SS protection spring of 300mm to avoid kink and shut off nozzle
- Conformity standard IS 10658:1999

### PERFORMANCE DATA

MODEL (BC POWDER)	KFDRQ-25-S KFDRQ-25-P	KFDRQ-50-S KFDRQ-50-P	KFDRQ-75-S KFDRQ-75-P	KFDRQ-150-S KFDRQ-150-P
MODEL (MAP POWDER)	KFDRQ-25-50% KFDRQ-25-90%	KFDRQ-50-50% KFDRQ-50-90%	KFDRQ-75-50% KFDRQ-75-90%	KFDRQ-150-50% KFDRQ-150-90%
Capacity	25 kg	50 kg	75 kg	150 kg
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Height (Approx)	980 mm	1020 mm	1030 mm	1320 mm
Diameter (Approx)	300±10 mm	400±10 mm	400±10 mm	480±10 mm
Average Discharge time	25-30 Sec.	40-50 Sec.	50-60 Sec.	70-80 Sec.
Average Range of throw	6 m	8 m	10 m	12 m
Average % Discharge	91%	90%	90%	91%
Operating Temperature	-30 °C to +55 °C			
Service / Test Pressure	14 / 30 bar			
Expelling Agent	CO <sub>2</sub> Gas			
Co2 Gas Capacity	1 kg	2 kg	2 kg	4.5 kg
Empty Weight (Approx.)	59 kg	70 kg	75 kg	110 kg
Full Weight (Approx.)	84 kg	120 kg	150 kg	260 kg
Shipping Weight (Approx.)	85 kg	121 kg	151 kg	262 kg
Packing Standard	Corrugated paper & Jute Bags			
Approval	BIS			—



## CO<sub>2</sub> TYPE TROLLEY MOUNTED FIRE EXTINGUISHER

KANEX CO<sub>2</sub> TROLLEY MOUNTED fire extinguishers are characterized by their high performance for fires involving an electrical risk like computers, office equipment and generators etc. CO<sub>2</sub> is non-conductive, clean and safe, ensuring minimal damage to electrical equipment and furnishings.

**Ideal Use:** Chemical Manufacturing Plant, Oil Ring, Rail Yards, Warehouses, Construction sites, Parking garages, Airport, Electrical substation and Large laboratories.



Class B



Class C



Electrical



### FEATURES

- Carbon Di Oxide is Colorless, Odorless, Non Toxic and provides rapid knockdown of industrial fires.
- BIS Approved and ISI marked
- CCOE/PESO approved cylinder body and confirms to IS:7285
- High grade enamel painted externally with PO Red finish
- Wheel Operated Controlled discharge
- High pressure Brass valve confirms to IS:3224 which provided with pressure relief disc
- Rechargeable and easy to service
- Non conductive agent for electrical use without risk to operator
- CO<sub>2</sub> gas disappears quickly leaving no residue
- Wire Braided Hose & Flat Horn with Diffuser Nozzle for dispersed discharge of Carbon Di Oxide
- Conformity standard IS 2878:2004

### PERFORMANCE DATA

MODEL (WHEEL TYPE VALVE)	KFCRQ-6.5	KFCRQ-9	KFCRQ-22.5
Capacity	6.5 kg	9 kg	22.5 kg
Design	Hose & Horn	Hose & Horn	Hose & Horn
Height (Approx)	960 mm	1250 mm	1155 mm
Diameter (Approx)	140±10 mm	140±10 mm	232±10 mm
Average Discharge time	20 Sec.	30 Sec.	47 Sec.
Average Range of throw	3 m	3 m	4 m
Average % Discharge	96%	96%	96%
Operating Temperature	-30 °C to +55 °C		
Service/Max. service/Test Pressure	60 / 105 / 250 bar		
Empty Weight (Approx.)	16.5 or 18.5 kg	25 or 26 kg	61.5 or 63.5 kg
Full Weight (Approx.)	23 or 25 kg	34 or 36 kg	84 or 86 kg
Shipping Weight (Approx.)	24 or 26 kg	35 or 37 kg	85 or 87 kg
Packing Standard	Corrugated paper & Jute Bags		
Approval	BIS		





## FOAM & WATER TROLLEY MOUNTED FIRE EXTINGUISHER

KANEX TROLLEY MOUNTED FOAM AND WATER fire extinguishers are ideal for fires involving volatile liquids and freely burning materials such as paper, cloth, wood and furniture.

Note : Mechanical Foam & Water extinguishers are not suitable for fires involving electrical risk.

**Ideal Use:** Oil Refineries, turbines & chemical industries, boiler rooms, garage forecourt Factories, restaurants, paint shops, tubes & flaps units, petrol bunks, chemical & petroleum bulk storage depots

- Water Type Suitable for Class A Fire Risk
- Foam Type Suitable for Class A and Class B Fire Risk



Class A



Class A



Class B



(Only for Foam 50Ltr)

Caution :  
Don't use on Electrical Fire.

### FEATURES

- Aqueous Film Forming Foam (AFFF) is capable of fighting against Class A and Class B fires.
- Water types are capable of fighting class A fire effectively.
- BIS Approved and ISI marked only for Foam 50Ltr capacity
- High quality Pure Polyester (PP) powder coating (UV Resistant)
- Spray nozzle to provide high fire rating
- Brass forged cap with auto safety release mechanism at 21 kg/cm<sup>2</sup>
- Easy to maintain, recharge & service
- PVC braided hose provided with 300mm SS Protection Spring to avoid kink and the hose is far more flexible than normal hose
- Conformity standard IS 13386:1992 (FOAM-50Ltr)

### PERFORMANCE DATA

MODEL (RQ SERIES)*						WATER**
	KFMRQ-50	KFMRQ-90	KFMRQ-100	KFMRQ-135	KFMRQ-150	KFWRQ-50
Capacity	50 Ltr	90 Ltr	100 Ltr	135 Ltr	150 Ltr	50 Ltr
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Height (Approx.)	1285 mm	1020 mm	1020 mm	1320 mm	1320 mm	1285 mm
Diameter (Approx.)	300±10 mm	480±10 mm	480±10 mm	480±10 mm	480±10 mm	300±10 mm
Average Discharge time	40-180 Sec.	Min. 120 Sec.	Min. 120 Sec.	Min. 120 Sec.	Min. 120 Sec.	40-120 Sec.
Average Range of throw	4 m	6 m	5 m	6 m	6 m	6 m
Average % Discharge	96%	97%	96%	97%	97%	97%
Operating Temperature	+5 °C to +55 °C					
Service/Max. service/Test Pressure	14 / 16 / 35 bar					
Expelling Agent	Carbon Dioxide gas					
CO <sub>2</sub> gas Cartridge (gm)	300 Grams	-	-	-	-	300 Grams
CO <sub>2</sub> External Cylinder (kg)	-	2 kg	2 kg	2 kg	2 kg	-
Empty Weight (Approx.)	45 kg	-	-	-	-	45 kg
Full Weight (Approx.)	95 kg	-	-	-	-	95 kg
Shipping Weight (Approx.)	96 kg	-	-	-	-	96 kg
Packing Standard	Corrugated paper & Jute Bags					
Approvals	BIS	-	-	-	-	-

\* HQ Series available with High Quality foam agent

\*\* Water is also available in 90,100,135 and 150 Ltrs capacity



## D TYPE METAL FIRE EXTINGUISHERS

KANEX MADE CLASS D Fire Extinguishers are designed to tackle flammable metal fires because ordinary Dry Chemical Powders are not suitable for fighting metal fires or even water & foam type too, as metals react violently with water & foam.

**Ideal Use:** Flammable metal manufacturing company, light metals like Li, Na, K, Mg, Al etc.



D-Class

### 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).

### FEATURES

- ✓ The specially designed applicator is particularly suited for fighting Class D fires. The design is such a way that the operator can stand away from extreme heat and toxic fumes. Other features are non dispersing agent and easily controlled.
- ✓ EPDM Rubber braided Discharge hoses for long life.

### Applicability of TEC & SODIUM CHLORIDE POWDERS

SODIUM CHLORIDE		TEC POWDER	
✓ Sodium Chloride works well for metal fires involving magnesium, sodium (spills and in depth) potassium alloys, uranium, powdered Aluminum etc.		✓ TEC works for all type of Metals including Lithium and its alloys too.	
✓ For lithium and its alloys it cannot works		✓ 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.	

### 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±10 mm	150±10 mm	180±10 mm	300±10 mm	400±10 mm	400±10 mm
Average Discharge time	25 Sec.	30 Sec.	30 Sec.	45 Sec.	75 Sec.	90 Sec.
Average % Discharge	85%	85%	85%	85%	85%	85%
Operating Temperature	-30 °C to +55 °C					
Service / Test Pressure	15 / 35 bar			14 / 30 bar		
Expelling Agent	Nitrogen (UHP Grade)			CO2 Gas		
Co2 Gas Capacity	—	—	—	1 kg	2 kg	2 kg
Empty Weight (Approx.)	3.0 kg	3.3 kg	5.0 kg	59 kg	70 kg	75 kg
Full Weight (Approx.)	7.0 kg	9.3 kg	14.0 kg	84 kg	120 kg	150 kg
Shipping Weight (Approx.)	7.3 kg	9.6 kg	14.5 kg	85 kg	121 kg	151 kg
Packing Standard	2 in 1- 21"X6.75"X14.10"	2 in 1- 21"X6.75"X14.10"	1 in 1 - 24.5"X8.0"X8.0"	Corrugated paper & Jute Bags		
Mounting Bracket	Wall Bracket			—		



## POWDER MODULAR TYPE AUTOMATIC FIRE EXTINGUISHER

KANEX MADE ABC DRY POWDER MODULAR TYPE AUTOMATIC fire extinguishers which keeps guard and extinguishes fire quickly and efficiently.

In the event of a fire, KANEX Modular type fire extinguishers activate automatically, spraying the extinguishing agent with maximum force, ensuring that the fire is brought under control rapidly and efficiently.

**Ideal Use:** Homes, office, Buildings warehouses, Farms and Wood working area etc.



Class A



Class B



Class C



Electrical

### FEATURES

- Hydraulically tested as per standard and passed through anti-corrosive treatment
- An Automatic Detection and Suppression System together in a single unit quite unlike any other system available in the market
- Automatic round-the-clock protection
- Automatic operation, hence no human involvement, reducing the chances of injury and accidents to virtually zero.
- Proves to be the most economical when compared to other systems
- Reusable cylinder as it is not based on aerosol technology. Hence, most economical
- Non-Freezing & long lasting
- Provides securities in case of emergencies and power failure without power backup
- Rechargeable and easy to service
- Extinguishing medium is Mono Ammonium Phosphate powder

### PERFORMANCE DATA

MODEL (MAP 50% POWDER)	KMPRQ-2-50%	KMPRQ-5-50%	KMPRQ-10-50%	KMPRQ-15-50%
MODEL (MAP 90% POWDER)*	KMPRQ-2-90%	KMPRQ-5-90%	KMPRQ-10-90%	KMPRQ-15-90%
Capacity	2 kg	5 kg	10 kg	15 kg
Design	Ceiling Mounted	Ceiling Mounted	Ceiling Mounted	Ceiling Mounted
Height (Approx)	380 mm	375 mm	405 mm	425 mm
Diameter (Approx)	150±10 mm	230±10 mm	300±10 mm	400±10 mm
Average Discharge time	4-5 Sec.	6-8 Sec.	10-15 Sec.	15-20 Sec.
Hanging height above risk	1.5 Mtr	1.5 to 2 Mtr	1.75 to 2.25 Mtr	2 to 3 Mtr
Area Protection	1 to 1.5 m <sup>2</sup>	2 to 2.5 m <sup>2</sup>	4 to 5 m <sup>2</sup>	5 to 6 m <sup>2</sup>
Volume Protection	3 m <sup>3</sup>	7 m <sup>3</sup>	12 m <sup>3</sup>	17 m <sup>3</sup>
Average % Discharge	99%	99%	99%	99%
Operating Temperature	-30 °C to +55 °C			
Service / Test Pressure	15 / 35 bar			
Expelling Agent	Nitrogen (UHP grade)			
Empty Weight (Approx.)	1.56 kg	2.64 kg	4.11 kg	6.4 kg
Full Weight (Approx.)	3.56 kg	7.64 kg	14.11 kg	21.4 kg
Shipping Weight (Approx.)	3.75 kg	7.8 kg	14.5 kg	22 kg
Mounting Bracket	Ceiling mounting stand			

\* HQ Series available with UL Listed MAP-90% Powder also



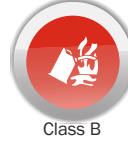
## CLEAN AGENT MODULAR TYPE AUTOMATIC FIRE EXTINGUISHER

KANEX MADE MODULAR TYPE CLEAN AGENT FE 36 AUTOMATIC FIRE EXTINGUISHERS which keeps guard and extinguishes fire quickly and efficiently.

In the event of fire, Kanex Modular type extinguishers activate automatically, spraying the extinguishing agent with maximum force, ensuring that the fire is brought under control rapidly and efficiently.



Class A



Class B



Class C



Electrical



### HQ SERIES FEATURES



UL Listed and FM approved FE 36 (HFC 236fa) gas is compliant with ASTM-D6541-11 also approved by US EPA (Environmental Protection Agency), Listing under USA signification New Alternative Policy (SNAP)



Unique Gauge Testing System (UGTS) mechanism



Internally Epoxy Polyester (EP) and Externally Pure Polyester (PP) powder coated (UV Resistant)



Anti-corrosive treatment: Semi Automatic Seven tank Hot dipping Phosphate treatment Process



Helium Leak Detection tested for leakage, leak rate up to  $1 \times 10^{-8}$  mbar.l/sec.

### Ideal Use:

Computers, Telephone, Switch gears, Sensitive data storage, Offices, Boats, Aircraft's, Laboratories etc.

**Chemours (Earlier known as DuPont) FE 36 Clean Agent Approvals**



Provides security in case of emergencies and power failure without power backup  
Automatic and reliable security round the clock



Easy to maintain, recharge & service



Welding Procedure (WPS) approved by TPI with 6G certification  
CE Certified

Properties of DuPont FE 36 Clean Agent Chemical Formula : 1,1,1,3,3,3 Hexa Fluoro Propane	
Molecular Weight	152
Boiling point	-1.4 °C
Freezing Point	-103 °C
Maximum Fill Density	1.20 gm/ml
Specific gravity	1.37 gm/cc
Scheduled Production Phase out per Montreal Protocol	None

### Comparative Advantages of FE - 36

- It does not contain d-limoene, which is flammable non volatile residue. Extinguishing agents containing d-limoene may leave a coating of d-limoene. In FE-36 variation between atmospheric temperature and boiling point is less, hence it does not leave any condensed moisture as in case of CO<sub>2</sub>.
- FE 36 is not scheduled for phase out as HCFC like Halotron I, which contains Chlorine. The B.Pt of FE 36 is -1.4°C, hence is discharged as gas, unlike Halotron I, which comes out as a liquid. The Extinguishing concentration of FE 36 is well above NOAEL and LOAEL values. NO CL<sub>2</sub> BR<sub>2</sub> . NO PHASE OUT : MONTREAL PROTOCOL

### PERFORMANCE DATA

MODEL (RQ SERIES)*	KMCRQ-2	KMCRQ-5	KMCRQ-10	KMCRQ-15
MODEL (HQ SERIES)	KMCHQ-2-FE36	KMCHQ-5-FE36	KMCHQ-10-FE36	KMCHQ-15-FE36
Capacity	2 kg	5 kg	10 kg	15 kg
Design	Ceiling Mounted	Ceiling Mounted	Ceiling Mounted	Ceiling Mounted
Height (Approx)	380 mm	375 mm	405 mm	425 mm
Diameter (Approx)	150±10 mm	230±10 mm	300±10 mm	400±10 mm
Average Discharge time	4-5 Sec.	6-8 Sec.	10-15 Sec.	15-20 Sec.
Hanging height above risk	1.5 Mtr	1.5 to 2 Mtr	1.75 to 2.25 Mtr	2 to 3 Mtr
Area Protection	1 to 1.5 m <sup>2</sup>	2 to 2.5 m <sup>2</sup>	4 to 5 m <sup>2</sup>	5 to 6 m <sup>2</sup>
Volume Protection	2.5 m <sup>3</sup>	6 m <sup>3</sup>	10 m <sup>3</sup>	15 m <sup>3</sup>
Average % Discharge	99%	99%	99%	99%
Operating Temperature	-30 °C to +55 °C			
Service / Test Pressure	15 / 35 bar			
Expelling Agent	Nitrogen (UHP grade)			
Empty / Full / Shipping Wt.(Approx)	1.56 / 3.56 / 3.75 kg	2.64 / 7.64 / 7.8 kg	4.11 / 14.11 / 14.5 kg	6.4 / 21.4 / 22 kg
Mounting Bracket	Ceiling mounting stand			
Approvals	CE			

\* RQ Series available with HFC-236fa agent variation



# NITROGEN FILLING STATION FOR STORED PRESSURE FIRE EXTINGUISHERS

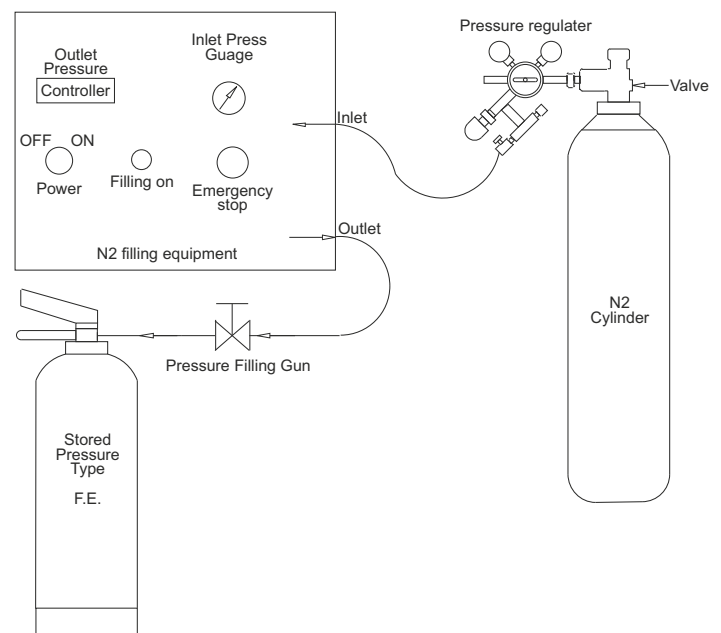
KANEX INTRODUCED NITROGEN FILLING UNIT to pressurize stored pressure fire extinguisher.

KANEX Nitrogen filling unit connected to the pressure regulator of the nitrogen cylinder via High pressure hose. The inlet pressure indicates supply pressure of equipment.

The fire extinguisher connected via high pressure hose with nitrogen filling unit , N2 gas filling get start with “switch on” the push button (filling on).The filling process can be controlled by digital pressure controller. After complete filling process once pressure reaches the set pressure ( i.e 15 bar),Nitrogen gas supply get automatic cut off.

## FEATURES

- Portable equipment, easy to relocate
- Useful for onsite & offsite services
- Easy operation with auto stop filling function
- Precise filling with digital pressure signal & pressure transducer
- Safe operation with safety release system







## COMPRESSED AIR FOAM SYSTEM (KANEX<sub>CAFS</sub>)

**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. This type of foam has tighter and denser bubble structure than pure water or standard foam solutions. This bubble structure allows the foam to adhere on vertical and horizontal surfaces as well as penetrate fires deeper before the bubbles are broken down, allowing the latent water to be more effective.



Class A



Class B



Electrical  
(Electrical Resistant Nozzle Tip  
On Request)



### 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

**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.

#### Ideal Use:

Hospitals , Industries , Power plant , Offshore & Marine etc.

#### Fire Rating

MODEL	EN3 Rating
KCAFS-10	43A : 233B*
KCAFS-50	55 A: 233B*
KCAFS-100	55 A: 233B*

#### Models:

- 10 litre Portable Fire Extinguisher with Back Pack
- 50 litre Trolley Mounted
- 100 litre Trolley Mounted

### TECHNICAL SPECIFICATION

MODEL NO.	KCAFShQ-10	KCAFShQ-50	KCAFShQ-100
Capacity	10 Ltr	50 Ltr	100 Ltr
Operating Pressure	8 bar Approx**	8 bar Approx**	8 bar Approx**
Temperature	+5° C – 60° C	+5° C – 60° C	+5° C – 60° C
Flow Rate	11 Ltr/Min ( Wet ) / 5.4 Ltr/Min ( Dry )	18 Ltr/Min ( Wet ) / 7.1 Ltr/Min ( Dry )	30 Ltr/Min ( Wet ) / 20 Ltr/Min ( Dry )
Operating Time (Wet/Dry))	55 Sec ( Wet ) / 115 Sec ( Dry )	168 Sec ( Wet ) / 420 Sec ( Dry )	200 Sec ( Wet ) / 300 Sec ( Dry )
Work Range (Wet/Dry)	12 M ( Wet ) / 8 M ( Dry )	13 M ( Wet ) / 8 M ( Dry )	15 M ( Wet ) / 12 M ( Dry )
Size	625 x 300 x 220 mm ( H x B x T )	1130 x 570 x 480 mm ( H x B x T )	900 x 1000 x 1900 mm ( H x B x L )
Weight (Approx)	12.5 KG Empty / 22.5 KG Filled	45 KG Empty / 95 KG Filled	100 KG Empty / 200 KG Filled
Fire Rating Performance	43A : 233B*	55A : 233B*	55A : 233B*
Electrical Devices	EN 3 : to 1000volt/3m Distance with special Nozzle		—
Length of hose	2 M	10 M	15 M
Propellant	2l/300 bar Compressed Air (200 bar on request)	6l/300 bar Compressed Air (200 bar on request)	10.2l / 300 bar (2 Nos)
Extinguishing Agent	Foam Agent ( AFFF UL Listed)		
Approvals	CE		

\* Indicates Factory Tested

\*\* 12 bar variant also available



# WHEELED EXTINGUISHER TYPE TWIN AGENT 50 + 50

WITH EXTERNAL NITROGEN CARTRIDGE



## DESCRIPTION

The trolley mounted fire extinguisher with double extinguishing medium, also called as “Twin agents” are constituted from an only trolley on the strong rubber wheels and from two tanks, one charged with powder ABC/SBC/PBC (on request) and other with AFFF foam concentrate.

The combined action renders them unsurpassable in the fight against the fire. On great fires of inflammable liquids the foam action creates a sealing effect that pulls down flames and in case the extinction has not been obtained, the powder easily extinguishes the residual flames.

The foam action pulls down flames and reduces the heat drastically, allowing an approach and successive use of the powder for the definitive extinction.



## TROLLEY FRAME

- ✓ The trolley is made of steel tube with rubber wheel of 300 mm diameter.
- ✓ The cylinder are independent from frame trolley giving advantage for better safety avoiding welding on its body.

## EXTINGUISHER UNIT

- ✓ Both foam & powder cylinder are made of mild steel tested at 35 kg/cm<sup>2</sup>.
- ✓ A larger diameter threaded ring nut is welded on top of the cylinder for easy charging and internal inspection during periodic testing.
- ✓ Ring nut is screwed to forged brass cap with built-in safety valve with calibrated spring made of stainless steel so as to guarantee calibration in time and to withstand worst atmospheric condition.

## PRESSURE REGULATOR

- ✓ The discharge of nitrogen for the pressurization is controlled by intermediate pressure reducer set at 12 bar-14 bar so as to obtain uniform discharge at constant pressure.
- ✓ Two on/off valves placed after the reducer for the cylinders to allow independent pressurization. The cylinders are pressurized for 15 sec after which the spray nozzles can be active for discharging foam & powder.

## CYLINDER PROPELLENT

- ✓ 6.8 ltr nitrogen cylinder complete with handwheel valve for quick pressurization of foam and powder cylinder fixed to rear part of trolley tested at 250 bar charged at 200 bar.
- ✓ Before painting body is cleaned with deep sand blasting assuring a raw surface for perfect and strong grasp of enamel paint, resistant to scratches and knocks as well to corrosive weather conditions.

## DISCHARGE APPARATUS

- ✓ Supply with two hoses of 5 mt length, made in rubber with reinforced textile braided wire, at the end there is a unique rotating ball-valve and a foam forming air aspirating nozzle for controlling the discharge.

## EXTINGUISHING AGENT

### ✓ Powder

Dry chemical powder ABC . The basic components of dry ABC powder are ammonium phosphate and ammonium sulphate with special silicones additives enabling easy flow discharge and avoiding any caking process. Dry powder is not corrosive, not abrasive, non toxic for humans and animals.

On request can be supplied with Monnex or special BC or with 90% MAP

### ✓ Foam

Most effective AFFF-Foam concentrate is used. It is simply water with an additive AFFF based specially formulated compound for best sealing effect.

## MAINTENANCE

To keep fire extinguisher in perfect working condition, we recommend its maintenance according to IS:2190 standard

## PERIODIC INSPECTIONS, SERVICING AND TESTS

Maintenance must be done every 6 month, while the replacement of the extinguishing agent must be done every 18 month (for the foam) and 36 month (for the powder).

# PORTABLE POWDER FILLING EQUIPMENT



MODEL : KFPFM-1



MODEL : KFPFM-2

# PORTABLE POWDER FILLING EQUIPMENT

The machine is used for filling dry chemical powder (DCP) into fire extinguishers as well as for transferring DCP from fire extinguishers to storage containers without spillage or emissions of the powder to the surroundings.

MODEL	FEATURES	TECHNICAL DETAILS	
KFPFM-1	<ul style="list-style-type: none"> <li>The Automatic Type Powder Filling /Emptying Machine is used for filling dry chemical powder (DCP) into fire extinguishers as well for Sieving and transferring DCP from fire extinguishers to storage containers, No spillage or emissions of the powder to the surroundings shall be observed</li> <li>Emptying and Filling is absolutely dust free</li> <li>Unit is equipped with electronic scale which automatically operates at preset filling parameters</li> <li>Inner storage of powder is up to 30KG, But we can provide 50 to 250 KG Storage tank</li> <li>Two Inspection windows provided for powder level control</li> <li>Filter package and hopper Cleaning is achieved automatically</li> <li>To retain lumps and Contaminations the machine is equipped with diagonally positioned pipes with removable sieve</li> <li>We can fill portable extinguishers of 1 to 12 kg capacity with cutoff system</li> <li>With use of Bigger storage tank this machine can be used for Extinguisher up to 250KG Capacity without auto cutoff</li> </ul>	<b>Max. height of work</b>	Approx. 1.6 Mtr
		<b>Dimension (lxwxh)</b>	Approx. 500 x 500 x 1200 mm
		<b>Diameter</b>	250 mm
		<b>Filling Capacity</b>	18 KG/Min - 240 mbar
		<b>Motor</b>	230V / 6A / 50Hz
		<b>Filter Package</b>	Maintenance Free
		<b>Filter Cleaning</b>	Auto clean by AIR-MATIC Feature
		<b>Color</b>	Hammer finish blue
		<b>Operation</b>	Vibration Free
		KFPFM-2	<ul style="list-style-type: none"> <li>This Model is useful for emptying, filling and sieving operations for All sizes of Fire Extinguishers</li> <li>Emptying &amp; Filling is absolutely dust free operations</li> <li>Inner storage of powder is up to 12KG, But we can provide 50 to 100 KG Storage tank</li> <li>Lockable ball valves for Silo</li> <li>There are two Inspection windows provided for powder level control</li> <li>Cleaning of filter package &amp; Hopper is achieved automatically</li> <li>It contains diagonally positioned pipes with removable sieve, Which retains lumps and Contaminations</li> <li>Height adjustments are done by Crank handle</li> <li>This machine is sufficient to Empty &amp; Fill all portable fire extinguishers ( 1 to 12 KG ) &amp; 50KG Fire fighting Appliance also</li> <li>With use of Bigger storage tank this machine can be used for Extinguisher up to 250KG Capacity</li> </ul>
<b>Dimension (lxwxh)</b>	Approx. 700 x 800 x 1800 mm		
<b>Diameter</b>	250 mm		
<b>Filling Capacity</b>	6kg / 15-30 sec (According to powder quality)		
<b>Motor</b>	400V / 1.5 KW / 50Hz		
<b>Filter Package</b>	Maintenance Free		
<b>Filter Cleaning</b>	Auto clean by AIR-MATIC Feature		
<b>Color</b>	Hammer Finish blue		
<b>Operation</b>	Vibration Free		

# KANEX<sup>®</sup>

**Designed, Manufactured & Marketed by:**  
**KANADIA FYR FYTER PVT. LTD.**  
An ISO 9001:2008 Certified Company

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**Presence at - PAN INDIA**