



1. Valve / Extn. Lever
2. Safety Pin with Locking Device
3. Valve Handle
4. Pressure Gauge
5. Discharge Hose
6. Syphon Tube
7. Hose Holder / Belt
8. Discharge Nozzle

COMPARISONS BETWEEN CLEAN AGENTS			
Extinguishing Agent	HALON 1211	HALOTRON 1	FE-36
Acute toxicity : cardiotox LOAEL (lowest Observable Adverse effects level) A Higher % is less toxic	1%	2%	15%
Acute toxicity:cardiotox LOAEL (No Observable Adverse effects level) A Higher % is less toxic	0.05%	1%	10%
Extinguishing concentration (Cup burner,h – heptanes)	4-5%	6-7%	5.9%
Ozone Depletion Potential – ODP (CFC-11 = 1.0)	4%	0.014%	ZERO
Global Warming Potential – GWP	N/A	Low	Moderate
Atmospheric Lifetime	Low	Low	Moderate

FE 36 CLEAN AGENT



KANEX FE 36 clean agent extinguishers have effective extinguishing action, environmentally acceptable and excellent alternative for Halon 1211. Clean Agent HFC-236fa is a non corrosive, electrically non conductive and free of residue. It is ideally suited for protecting high value equipment.



Class A



Class B



Class C



Electrical

Ideal Use:

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

FIRE RATING AS PER IS 15683 2006

MODEL	A	B
KCA 1	-	8B
KCA 2	-	8B
KCA 4	1A	13B
KCA 6	1A	21B

FEATURES

- ✓ FE 36(HFC-236fa) Based Extinguishing Agent capable of fighting class A, B, C & Electrical fire.
- ✓ BIS Approved (IS 15683) & CE certified
- ✓ High Performance Extinguishing agent environmentally safe with ZERO ODP
- ✓ FE 36 (HFC - 236fa) is an electrically Non Conductive & low in toxicity
- ✓ Protect data in process, reduces equipment damage, facilitate fast return to service.
- ✓ High Quality pure polyester powder coating
- ✓ Unique gauge testing system(UGTS)
- ✓ High Quality Epdm Rubber Braided Hose is far more flexible than the normal rubber used in hose pipe and also far less prone to cracks

FE 36 Clean Agent Approvals :

- ✓ Du-Pont FE - 36 Fire Extinguishant is UL Approved
- ✓ Du-Pont FE - 36 is EPA SNAP Approved
- ✓ Extinguisher IS 15683 CE Approved

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 Co2.
- ✓ FE 36 is not scheduled for phase out as HCFC like Halotron I, which contains Chlorine. The B.P of FE 36 is 1.40C, 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 CL2 BR2 . NO PHASEOUT : MONTREAL PROTOCOL

Product Name	HFC – 236fa
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	1.34 gm/ml
Scheduled Production Phase – Out per Montreal Protocol	None

MODEL	KCA – 1	KCA – 2	KCA – 4	KCA - 6
Capacity	1 Kg	2 Kg	4 Kg	6 Kg
Fire Rating	8 B	8 B	1A : 13B	1A : 21B
Average discharge time	11 sec	12 sec	14 sec	22 sec
Height (Approx.)	325 mm	380 mm	490 mm	530 mm
Diameter (Approx.)	86 ± 10 mm	106 ± 10 mm	140 ± 10 mm	150 ± 10 mm
Filled weight (Approx.)	2 Kg	3.6 Kg	6.7 Kg	8.9 Kg
Empty weight (Approx.)	1 Kg	1.6 Kg	2.7 Kg	2.9 Kg
Operating temperature	+5°C to + 55°C	-20°C to + 55°C	-20°C to + 55°C	+5°C to + 55°C
Working Pressure at 20° C	9 bar	9 bar	9 bar	9 bar
Maximum Service Pressure	15 bar	15 bar	15 bar	15 bar
Test Pressure	35 bar	35 bar	35 bar	35 bar