



KANEX
HQ SERIES...

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 CO₂.

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	2A:34B	5A:21B*
6 kg	2A:55B	8A:34B*

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)



Class A



Class B



Class C



Electrical



ISI-15683
CML-300287



CE

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



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 1x10⁻⁸ mbar.l/sec.



Easy to maintain, recharge & service



Welding Procedure (WPS) approved by TPI with 6G certification BIS Approved (IS 15683:2018), 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 CO₂.
- Chemours 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 CL₂ BR₂ . 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	1A : 21B	2A : 34B	2A : 55B
Height (Approx.)	410 mm	490 mm	530 mm
Diameter (Approx.)	106 ± 5 mm	140 ± 5 mm	150 ± 5 mm
Average Discharge time	9 Sec	14 Sec	22 Sec
Average Range of throw	3 m	3.5 m	4 m
Average % Discharge	96%	96%	96%
Operating Temperature	-30 °C to +60 °C		
Service/Max. service/Test Pressure	10 / 12 / 35 bar		
Expelling Agent	Nitrogen (UHP Grade)		
Empty Weight (Approx.)	2.1 kg	3.1 kg	3.6 kg
Full Weight (Approx.)	4.1 kg	7.1 kg	9.6 kg
Shipping Weight (Approx.)	4.5 kg	7.5 kg	10.1 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 (RQ Series) / BIS & CE (HQ Series)		