



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 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	5A:34B



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)



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 1x10⁸ mbar./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

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



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 CO₂.
- 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	KCASSHQ-2-FE36	KCASSHQ-4-FE36	KCASSHQ-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.)	440 mm	500 mm	550 mm
Diameter (Approx.)	110 ± 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.)	1.6 kg	2.5 kg	2.8 kg
Full Weight (Approx.)	3.6 kg	6.5 kg	8.8 kg
Shipping Weight (Approx.)	4.0 kg	6.9 kg	9.3 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	Vehicle/Wall bracket	Wall Bracket	Wall Bracket
Approvals	BIS & CE		

* Indicates Factory tested