

BIS Rating 1A:21B

2A:34B

2A:55B



CLEAN AGENT STORED PRESSURE EXTINGUISHER

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













6 kg **HQ SERIES FEATURES**

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









Refer the table above

Capacity

2 kg

4 kg



HQ series products are designed to achieve the best Fire Ratings

CE marked, brass chrome plated valve with Controlled discharge

EPDM Rubber braided hose is far more flexible than the PVC braided

BS EN Rating

21B3

5A:21B*

8A:34B*



Hydraulically tested as per standard requirements



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

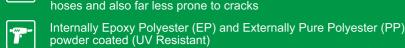


Helium Leak Detection tested for leakage, leak rate up to 1x10⁻⁸ mbar.l/sec.





Easy to maintain, recharge & service



Unique Gauge Testing System (UGTS) mechanism

mechanism and Large loop Stainless steel Pull pin



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 Montrol		
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 leaves 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 Barcket	
Approvals	BIS (RQ Series) / BIS & CE (HQ Series)		



- * Indicates factory tested
- ** RQ Series also available with other Clean Agent gas