

DuPont FE 36 CLEAN AGENT FIRE EXTINGUISHERS (SS BODY)		
PERFORMANCE DATA		
MODEL	KCA 2	KCA 4
Capacity	2 kg	4 kg
Design	Hose & Nozzle	
Fire Rating	1A:21B	1A:21B
Height (Approx.)	440 mm.	500 mm.
Average Discharge time	12 Sec.	14 Sec.
Average Range of throw	3 m.	4 m.
Average % Discharge	96%	97%
Operating Temperature	-30 °C to +55 °C	-30 °C to +55 °C
Service Pressure (Ps)	9 bar.	
Max. Service Pressure (Pms)	13 bar.	
Test Pressure	35 bar.	
Expelling Agent	Nitrogen (UHP Grade)	
Full Weight (Approx.)	3.6 kg.	6.7 kg.
Empty Weight (Approx.)	1.6 kg.	2.7 kg.
Shipping Weight (Approx.)	3.8 kg.	7.0 kg.
Packing Standard	4 in 1- 12.2"X12.2"X17.5"	2 in 1- 21"X6.75"X14.10"

Fire Rating as per IS 15683:2006		
MODEL	A	B
KCA 2	1A	21B
KCA 4	1A	21B

Comparisons between Clean Agents			
Extinguishing Agent	HALON 1211	HALOTRON I	KANEX FE-36
Chemical Family	BCFC	HCFC	HFC 236 fa
Acute Toxicity: Cardiotox LOAEL (Lowest Observable Adverse Effects Level) A higher % is less toxic.	1%	2%	15%
Acute Toxicity: Cardiotox NOAEL (No Observable Adverse Effects Level) A higher % is less toxic.	0.50%	1%	10%
Extinguishing Concentration, Cup Burner, n-heptane	4-5%	6-7%	5.90%
Ozone Depletion Potential-ODP (CFC-11 = 1.0)	4	0.014	0
Global Warming Potential -GWP	N/A	Low	Moderate
Atmospheric Lifetime	Low	Low	Moderate

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	1.34 gm/ml.
Scheduled Production Phase out per Montreal Protocol	None