

HFC BASED CLEAN AGENT(STORED PRESSURE) 4 KG FIRE EXTINGUISHER

KANEX HFC Based Clean Agent (Stored Pressure) 4 kg Fire Extinguishers applicable on Class A, B, C and electrically started fires.

Brief description: Clean Agent Fire Extinguishers filled with HFC 236fa gas, which is Electrically non conductive, non-corrosive, colorless and non-residual gas. Extinguisher with nominal charge of 4kg (±5%) constructed of MS Sheet by MIG Welding process and brass forged discharge Valve.

Approved Fire ratings 1A:13B with an effective throw of about 3.5 meters (Min. 2 m.) and discharge about 98% (Min. 95%).



Client :

PO No.

1.00 GENERAL DATA

1.01 Manufacturer	Kanadia Fyr Fyter Pvt. Ltd.
1.02 Trade Mark	KANEX
1.03 Standard Code	IS 15683:2006
1.04 Type	Portable Stored Pressure
1.05 Quantity	

2.00 MATERIALS OF CONSTRUCTION

2.01 Extinguishing Medium	HFC-236fa Clean Agent Gas
2.02 Body	Mild Steel Sheet having Max. of 0.25% C, 0.05% P and 0.05% S
2.03 Neck Ring	M.S. Pipe
2.04 Valve	Brass
2.05 Siphon Tube	Plastic
2.06 Pressure Gauge/indicator	As per IS 15683:2006
2.07 Wall mounting Bracket with screw	Mild steel Powder Coated
2.08 Discharge Hose with Nozzle	Rubber Braided EPDM Hose (Length:465mm) with PVC Nozzle

3.00 GUARANTEED PERFORMANCE

3.01 Performance Requirement	Min. effective Discharge Time: 13 Sec. (Actual : 14 Sec. approx) Bulk Range of Discharge: Min. 2 meter (Actual : 3.5 meter approx) Percentage of Discharge: Not Less than 95 % (Actual : 98% approx)
3.02 Temperature Range	-20 °C to +55 °C
3.03 Fire Rating	1A:13B
3.04 Service Pressure	10 bar
3.05 Maximum Service Pressure	15 bar

4.00 ROUTINE TESTS

4.01 Pressure test (Pt)	35 bar (3.5 MPa)
4.02 Minimum Burst Pressure test (Pb) for Body	55 bar (5.5 MPa)
4.03 Leakage test	Leakage tested by applying soap solution and in inverted glass jar.
4.04 Partial discharge test	The second pressure or weight shall not be less than 75% of the first after interruption of the Discharge.
4.05 Burst Pressure Test For Discharge Hose	Not Less than 35 bar (3.5 MPa)

5.00 TYPE TESTS

1) Resistance to Temp. changes 2)Impact test 3)Vibrations test 4)Corrosion test
5)Tapping test 6)Intermittent discharge 7)Maximum Service Pressure 8)Crushing test
9)Pressure cycling

6.00 DIMENSIONS

6.01 Thickness of sheet	Max. Diameter: 140±10 mm.
6.02 Full weight of cylinder	Height: 490 mm (Approx.)
	Made Up of 1.8 mm.
	7.0 kg (Approx).

7.00 ANTI - CORROSIVE TREATMENT

Phosphate Treatment followed by Epoxy Powder coating of body DFT not less than 50µ

8.00 ACCESSORIES (BRACKETS & SCREWS)

Provided

9.00 MISCELLANEOUS

9.01 Inspection & Testing	As per approved GTP
9.02 Finish	PO Red as per IS : 5 (Shade 538)
9.03 Marking	As per IS 15683:2006
9.04 Approvals	BIS
9.05 Maintenance, Care and Refilling	As per IS:2190

10.00 Packing Corrugated boxes (Outer box sizes: 360x170x545mm)