

F-CLASS WET CHEMICAL STORED PRESSURE 9 LTR SS BODY FIRE EXTINGUISHER

Applicable Class of fire - A, B & Kitchen fires.

Brief description: These extinguishers come with nominal charge of 9 Ltr (+5%) wet chemical agent, Constructed of SS Sheet of 1mm thickness and brass forged discharge Valve with SS lever.

Client :

PO Number :



1. GENERAL DATA

Manufacturer : Kanadia Fyr Fyter Pvt. Ltd.
Trade Mark : "KANEX"
Type : Portable Stored Pressure

2. MATERIAL OF CONSTRUCTION

Extinguishing medium : Wet chemical (Blend of Potassium acetate, citrate or carbonate)
Body : Stainless steel sheet of 1mm thickness
Neck Ring : SS - M30x1.5 Female threaded
Valve : Brass - M30x1.5 Male threaded
Siphon tube : Aluminum
Discharge hose : Rubber braided EPDM hose (Burst pressure $\geq$ 55 bar)
Discharge nozzle : SS 304
Pressure gauge / indicator : As per IS 15683:2018
Wall mounting bracket with screw : MS Powder coated

3. PERFORMANCE DATA

Fire rating : 8A : 40F
Performance requirements : **Min. Effective discharge time** : 13 Sec. (Actual : 30 Sec. Approx.)
Min. Bulk range of discharge : 2 Mtr. (Actual : 4.5 Mtr. Approx.)
Min. Percentage of discharge : 95% (Actual : 96% Approx.)
Temperature Range : +5° to +60° C
Service pressure : 10 bar
Max. service pressure : 12 bar

4. ROUTINE TESTS

Hydro Pressure Test (Pt) : 35 bar (3.5 MPa) Hold for 1 min.
Min. Burst pressure (Pb) for body : 55 bar (5.5 MPa) Hold for 1 min.
Leakage test : Inverted glass jar / Soap solution
Partial discharge : The second pressure or weight shall not be less than 75% of the first after interruption of the Discharge

5. TYPE TESTS

: As per IS 15683:2018

6. DIMENSIONS

: **Diameter** : 180 $\pm$ 5 mm
: **Height** : 610 mm Approx.
Full weight of extinguisher : 12.6 kg (Approx.)

7. MISCELLENEOUS

Inspection & testing : As per approved QAP
Marking : As per IS 15683:2018
Approvals : CE
Maintenance, care and refilling : As per IS 2190

8. IN BOX ACCESSORIES

: Wall mounting bracket with screw

9. PACKING

: Corrugated boxes (Outer box sizes: 210x210x630mm)

MARKING : AS PER IS 15683:2018

APPROVAL : ---

DESIGN DATA

SR. NO.	PARTICULARS	DESCRIPTION
01	CAPACITY	9 LTR + 5%
02	TEMPERATURE RANGE	+5°C TO +60°C
03	SERVICE PRESSURE	10 bar
04	MAX. SERVICE PRESSURE	12 bar
05	PRESSURE TEST (PT)	35 bar HOLD FOR 1 min.
06	MIN. BURST PRESSURE TEST (PB)	55 bar HOLD FOR 1 min.

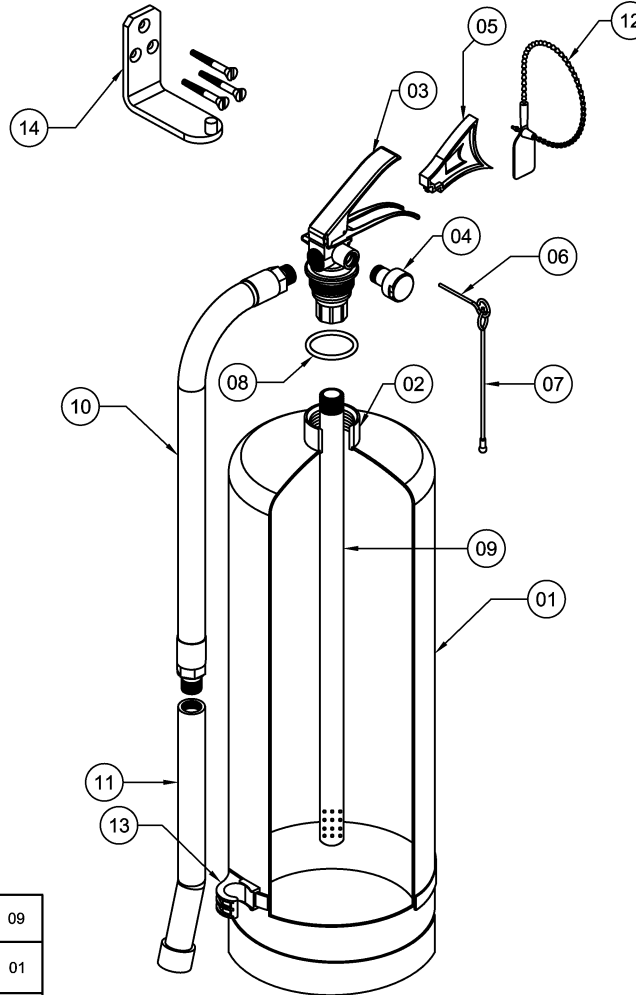
PERFORMANCE PARAMETERS

01	EFFECTIVE DISCHARGE TIME	MIN. 13 SEC. (Actual : 30 sec. aprx.)
02	BULK RANGE OF DISCHARGE	MIN. 2 METER (Actual : 4.5 meter aprx.)
03	PERCENTAGE OF DISCHARGE	NOT LESS THAN 95% (Actual : 96% aprx.)
04	FIRE RATING	8A:40F (FACTORY TESTED AS PER EN RATING)

HARD PUNCH MARKING:

KANEX YEAR PT 35 BAR T +5°C/+60°C X XXXXXX 9 LTR
SERIAL NO.

15	EXTINGUISHING MEDIUM	WET CHEMICAL (BLEND OF POTASSIUM ACETATE, CITRATE OR CARBONATE)	09
14	WALL MOUNTING BRACKET WITH SCREW	MS POWDER COATED	01
13	BELT	POLY PROPYLENE	01
12	SEAL	PP PLASTIC	01
11	DISCHARGE NOZZLE	SS	01
10	DISCHARGE HOSE	RUBBER BRAIDED EPDM HOSE (BURST PRESSURE ≥ 55 bar)	01
09	SIPHON TUBE	ALUMINUM	01
08	"O" RING	NITRILE RUBBER	01
07	SAFETY PIN HOLDER	RUBBER / SOFT PVC	01
06	SAFETY PIN	SS	01
05	LEVER LOCK	PP PLASTIC	01
04	PRESSURE GAUGE / INDICATOR	AS PER IS 15683:2018	01
03	VALVE	BRASS - M30 X 1.5 MALE THREADED	01
02	NECK RING	STAINLESS STEEL - M30 X 1.5 FEMALE THREADED	01
01	BODY	STAINLESS STEEL SHEET OF 1mm THICKNESS	01
ITEM NO.	DESCRIPTION	MATERIAL	QTY.



MODEL NO. : KFKHQ-9



				DATE	NAME
				DRAWN	01/08/19 MEHUL
				CHECK.	
				APPD.	
SYMBOL	REVISION	DESCRIPTION	DATE	BY	
TITLE : F-CLASS WET CHEMICAL (STORED PRESSURE) 9 LTR SS BODY FIRE EXTINGUISHER					
GAD NO. : KFFPL/GAD/KFKHQ-9					
 KANADIA FYR FYTER PVT. LTD. (AN ISO 9001:2015 CERTIFIED COMPANY) 7-8 PARAS INDUSTRIAL ESTATE, NEAR GARIBSHAH PIR, SIHOR(364240), GUJ.					
SCALE : NTS					SHEET : 1 OF 1