

MECHANICAL FOAM (AR-AFFF 3%) STORED PRESSURE 6 LTR SS BODY FIRE EXTINGUISHER

Applicable Class of fire - A & B

Brief description: These extinguishers come with nominal charge of 6 Ltr (+5%) DM water and 3% AR-AFFF agent. Body 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"
BIS standard code	: ---
Type	: Portable Stored Pressure

2. MATERIAL OF CONSTRUCTION

Extinguishing medium	: DM water + 3% AR-AFFF agent (IS:4989 com piled)
Body	: Stainless steel sheet of 1mm thickness
Neck Ring	: SS - M30x1.5 Female threaded
Valve	: Brass - M30x1.5 Male threaded
Siphon tube	: PVC / Plastic
Pressure gauge / indicator	: As per IS 15683:2018
Discharge hose	: Rubber braided EPDM hose (Burst pressure $\geq$ 55 bar)
Discharge nozzle	: PVC / Aluminum
Wall mounting bracket with screw	: MS Powder coated

3. PERFORMANCE DATA

Fire rating	: 3A : 89B (Factory tested)
Performance requirements	: Min. Effective discharge time : 13 Sec. (Actual : 22 Sec. Approx.) Min. Bulk range of discharge : 2 Mtr. (Actual : 6 Mtr. Approx.) Min. Percentage of discharge : 95% (Actual : 96% Approx.)
Temperature Range	: +5° to +60° C
Service pressure	: 15 bar
Max. service pressure	: 18 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 : 150 $\pm$ 5 mm
	: Height : 550 mm Approx.
Full weight of extinguisher	: 8.8 kg (Approx.)

7. MISCELLENEOUS

Inspection & testing	: As per approved QAP
Finish	: PO Red as per IS : 5 (Shade 538)
Marking	: As per IS 15683:2018
Approvals	: ---
Maintenance, care and refilling	: As per IS 2190

8. IN BOX ACCESSORIES

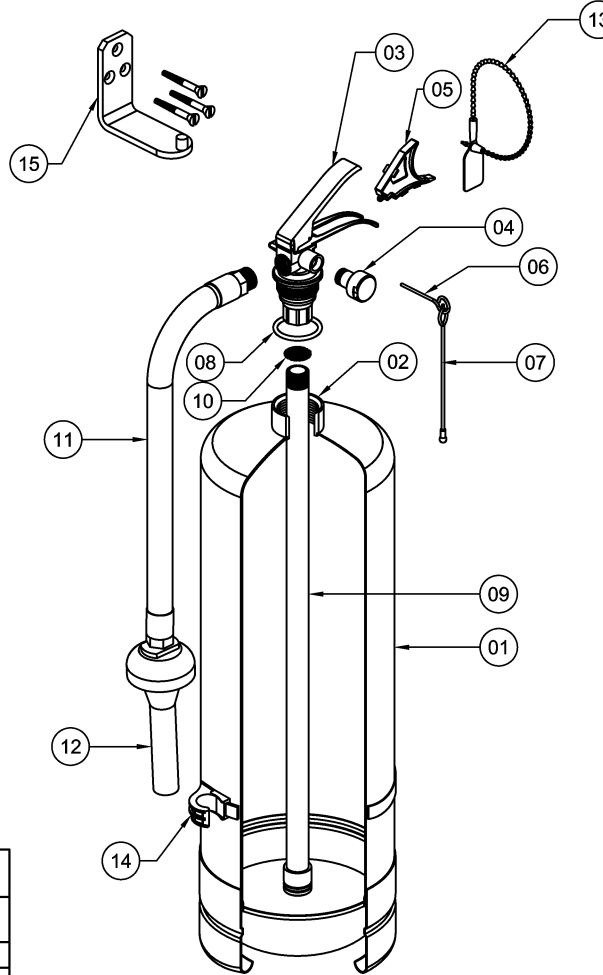
: Wall mounting bracket with screw

9. PACKING

: Corrugated boxes (Outer box sizes: 360x170x570mm)

MARKING : AS PER IS 15683:2018		
APPROVAL : ---		
DESIGN DATA		
SR. NO.	PARTICULARS	DESCRIPTION
01	CAPACITY	6 LTR + 5%
02	TEMPERATURE RANGE	+5°C TO +60°C
03	SERVICE PRESSURE	15 bar
04	MAX. SERVICE PRESSURE	18 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 : 22 sec. aprx.)
02	BULK RANGE OF DISCHARGE	MIN. 2 METER (Actual : 6 meter aprx.)
03	PERCENTAGE OF DISCHARGE	NOT LESS THAN 95% (Actual : 96% aprx.)
04	FIRE RATING	3A:89B (FACTORY TESTED)
HARD PUNCH MARKING: KANEX YEAR PT 35 BAR T +5°C/+60°C X XXXXXX 6 LTR SERIAL NO.		

16	EXTINGUISHING MEDIUM	DISTILLED WATER + AR-AFFF (3%) FOAM AGENT (IS:4989 COMPLIED)	06
15	WALL MOUNTING BRACKET WITH SCREW	MS POWDER COATED	01
14	BELT	POLY PROPYLENE	01
13	SEAL	PP PLASTIC	01
12	DISCHARGE NOZZLE	PVC / PLASTIC	01
11	DISCHARGE HOSE	RUBBER BRAIDED EPDM HOSE (BURST PRESSURE ≥ 55 bar)	01
10	STRAINER	SS	01
09	SIPHON TUBE WITH FILTER	PVC / PLASTIC	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. : KFMSSHQ-6-AR



						DATE	NAME
						DRAWN	12/08/19 MEHUL
						CHECK.	
						APPD.	
SYMBOL	REVISION DESCRIPTION			DATE	BY	 KANADIA FYR FYTER PVT. LTD. (AN ISO 9001:2015 CERTIFIED COMPANY) 7-8 PARAS INDUSTRIAL ESTATE, NEAR GARIBSHAH PIR, SIHOR(364240), GUJ.	
TITLE : MECHANICAL FOAM (STORED PRESSURE) 6 LTR SS BODY FIRE EXTINGUISHER							
GAD NO. : KFFPL/GAD/KFMSSHQ-6-AR							
						SCALE : NTS	SHEET : 1 OF 1