9 LTR CAPACITY LITHIUM-ION STORED PRESSURE TYPE FIRE EXTINGUISHER

Applicable Class of fire – A, B & Li-Battery Fire.



Brief description: These extinguishers come with nominal charge of 9 ltr FFX-Lion liquid. Body constructed of SS 304 and brass forged discharge Valve with MS lever.

1	**GENERAL DATA**		
	Manufacturer	:	**Intime Fire Appliances Pvt. Ltd.**
	Trade Mark	:	**"INTIME"**
	Standard code	:	As per IS:15683:2018
	Type	:	Portable Stored Pressure
2	**MATERIAL OF CONSTRUCTION**		
	Extinguishing medium	:	FFX® Lion Flourine Free Solution
	Body	:	Stainless Steel Sheet of 1.2 ~ 1.5 mm thickness
	Neck Ring	:	SS Pipe - 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 hose (Burst pressure ≥ 55 bar)
	Discharge nozzle	:	Plastic
	Wall mounting bracket	:	MS - Chrome plated
3	**PERFORMANCE DATA**		
	Performance requirements	:	Min. Effective discharge time : 15 Sec. (Actual : 29 Sec. Approx.)
		:	Min. Bulk range of discharge : 2 Mtr. (Actual : 4 Mtr. Approx.)
		:	Min. Percentage of discharge : 90% (Actual : 97% Approx.)
	Temperature Range	:	+5° to +60° C
	Service pressure	:	15 bar
	Max. service pressure	:	18 bar
4	**ROUTINE TESTS**		
	Hydro Pressure Test (Pt)	:	25 bar (2.5 MPa) Hold for 30 sec.
	Min. Burst pressure (Pb) for body	:	55 bar (5.5 MPa) Hold for 30 sec.
	Leakage test	:	Inverted glass jar / Soap solution / Helium Leak Detection
5	**DIMENSIONS**	:	Diameter : 180 ± 10 mm
		:	Height : 610 ± 20 mm Approx.
	Thickness of sheet	:	Made up from 1.2 ~ 1.5 mm thick sheet
	Full weight of extinguisher	:	12.8 kg (Approx.)
6	**MISCELLEANEOUS**		
	Marking	:	As per IS
	Maintenance, care and	:	As per IS 2190
7	**IN BOX ACCESSORIES**	:	Wall mounting bracket,Hose with Nozzle,Bottom
8	**PACKING**	:	Corrugated boxes

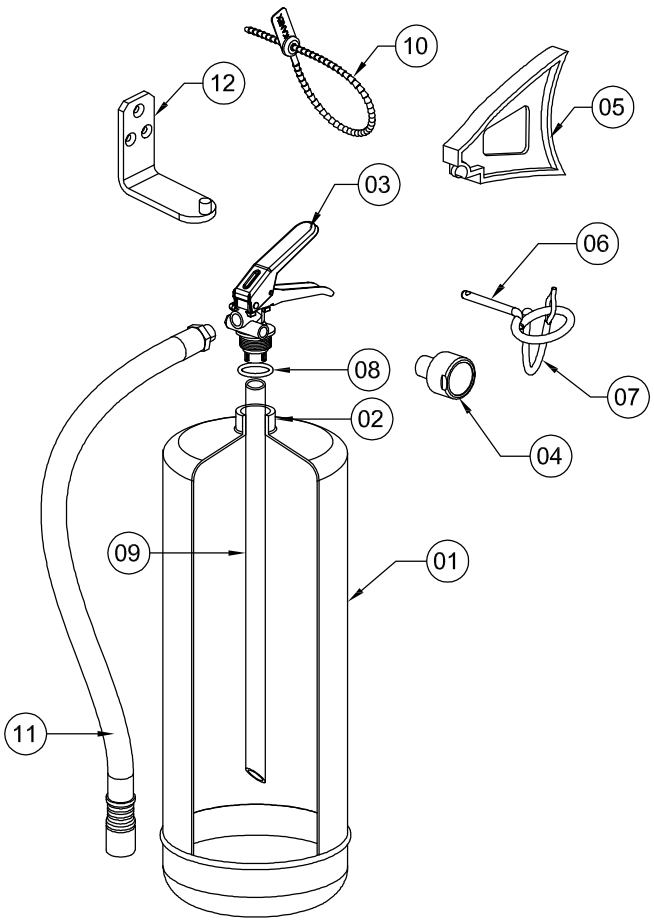
MARKING: AS PER IS 15683:2018

DESIGN DATA

SR. NO	PARTICULARS	DESCRIPTION
01	CAPACITY	9 Ltr
02	TEMPERATURE RANGE	+5° to +60° C
03	SERVICE PRESSURE	15 bar
04	MAX. SERVICE PRESSURE	18 bar
05	PRESSURE TEST (PT)	25 bar (2.5 MPa) Hold for 30 sec.
06	MIN. BURST PRESSURE TEST (PB)	55 bar (5.5 MPa) Hold for 30 sec.

PERFORMANCE PARAMETERS

SR. NO	PARTICULARS	DESCRIPTION
01	EFFECTIVE DISCHARGE TIME	MIN. 15 SEC. (Actual: 29 sec. aprx.)
02	BULK RANGE OF DISCHARGE	MIN. 2 METER (Actual: 4 meter aprx.)
03	PERCENTAGE OF DISCHARGE	NOT LESS THAN 90% (Actual: 95% aprx.)





SR. NO	DESCRIPTION	MATERIAL	QTY.
13	EXTINGUISHING MEDIUM	FFX® Lion Flourine Free Solution	09
12	WALL MOUNTING BRACKET	MS POWDER COATED / CHROME PLATED	01
11	HOSE WITH NOZZLE	RUBBER BRAIDED EPDM HOSE WITH PVC NOZZLE(BURST PRESSURE >55 bar)	01
10	SEAL	PP PLASTIC	01
09	SIPHON TUBE	PVC / PLASTIC	01
08	"O" RING	NITRILE RUBBER	01
07	SAFETY PIN HOLDER	RUBBER / SOFT PVC	01
06	SAFETY PIN	MS CHROME PLATED	01
05	LEAVER 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 1 .5 MM THICKNESS	01

					DATE	NAME
				DRAWN	02.10.23	VIJAY
				CHECK	02.10.23	Zaid Khan
				APP	02.10.23	AM
SYMBOL	REVISION DECRIPTION	DATE	BY			

TITLE :
LITHIUM-ION (STORED PRESSURE) TYPE
SS BODY 9 Ltr FIRE EXTINGUISHER

GAD NO. : INTIME-TDS-LI-9-SP-SS

INTIME FIRE APPLIANCES PVT LTD
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SCALE : NTS | SHEET : 1 OF 1