9 KG CAPACITY CLASS K (KITCHEN FIRE) STORED PRESSURE TYPE FIRE EXTINGUISHER



Applicable Class of fire – K Class fire.

Brief description: These extinguishers come with nominal charge of 9 kg (Class K Liquid) POTASSIUM SALTS (C6H5K307) with additives Body constructed of SS Sheets 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
	Type	:	Portable Stored Pressure
2	**MATERIAL OF CONSTRUCTION**		
	Extinguishing medium	:	(K class liquid) Potassium salts (C6H5K307) with additives
	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
	Breathing & Discharge siphon tube	:	PVC / Plastic
	Pressure gauge / indicator	:	As per IS 15683:2018
	Discharge hose	:	Rubber braided hose (Burst pressure ≥ 55 bar)
	Discharge nozzle	:	Brass (Suitable for spray of Class "K" Liquid)
	Wall mounting bracket	:	MS - Chrome plated
3	**PERFORMANCE DATA**		
	Performance requirements	:	Min. Effective discharge time : 13 Sec. (Actual : 29 Sec. Approx.)
		:	Min. Bulk range of discharge : 2 Mtr. (Actual : 2.8Mtr. Approx.)
		:	Min. Percentage of discharge : 90% (Actual : 95% 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	:	35 bar (3.5 MPa) Hold for 30 sec.
	Leakage test	:	Inverted glass jar / Soap solution
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	:	12.8.0 kg (Approx.)
6	**MISCELLEANEOUS**		
	Marking	:	As per IS
	Maintenance, care and refilling	:	As per IS 2190
7	**IN BOX ACCESSORIES**	:	Wall mounting bracket,Hose with Nozzle,Hose belt
8	**PACKING**	:	Corrugated boxes

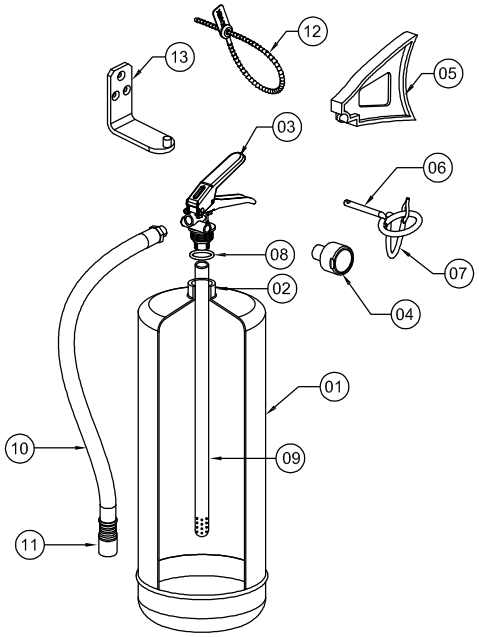
MARKING: AS PER IS 16018:2012

DESIGN DATA

SR. NO	PARTICULARS	DESCRIPTION
01	CAPACITY	9 KG
02	TEMPERATURE RANGE	+5° to +60° C
03	SERVICE PRESSURE	15 bar
04	PRESSURE TEST (PT)	18 bar
05	PRESSURE TEST (PT)	25 bar (2.5 MPa) Hold for 30 sec.
06	MIN. BURST PRESSURE TEST (PB)	35 bar (3.5 MPa) Hold for 30 sec.

PERFORMANCE PARAMETERS

SR. NO	PARTICULARS	DESCRIPTION
01	EFFECTIVE DISCHARGE TIME	MIN. 13 SEC. (Actual: 29 sec. aprx.)
02	BULK RANGE OF DISCHARGE	MIN. 2 METER (Actual : 2.8 Meter aprx.)
03	PERCENTAGE OF DISCHARGE	NOT LESS THEN 90% (Actual : 95% aprx.)





610 mm ± 20 mm Approx.

Ø180 ± 10 mm
(Approx)

14	EXTINGUISHING MEDIUM	(K CLASS LIQUID) POTASSIUM SALTS (C6H5K307) WITH ADDITIVES	09
13	WALL MOUNTING BRACKET	MS POWDER COATED / CHROME PLATED	01
12	SEAL	PP PLASTIC	01
11	DISCHARGE NOZZLE	PP PLASTIC	01
10	DISCHARGE HOSE	RUBBER BRAIDED EPDM HOSE WITH PVC NOZZLE(BURST PRESSURE ≥ 55 bar)	01
09	SIPHON TUBE	ALUMINUM / PVC	01
08	"O" RING	NITRILE RUBBER	01
07	SAFETY PIN HOLDER	RUBBER / SOFT PVC	01
06	SAFETY PIN	SS / 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 1.2 ~ 1.5 MM THICKNESS	01
SR. NO	DESCRIPTION	MATERIAL	QTY.

					DATE	NAME
				DRAWN	04.10.23	VIJAY
				CHECK	04.10.23	ZAID KHAN
				APP	04.10.23	AM
SYMBOL	REVISION DECRIPTION	DATE	BY			

TITLE :
CLASS K (KITCHEN FIRE) STORED PRESSURE
9 KG CAPACITY SS BODY FIRE EXTINGUISHER

GAD NO. : INTIME-K-TYPE-9-SP-SS

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SCALE : NTS | SHEET : 1 OF 1