

CLEAN AGENT (FK-5-1-12) STORED PRESSURE 2 KG MS BODY FIRE EXTINGUISHER

Applicable Class of fire - A, B, C and electrically started fires.

Brief description: These extinguishers come with nominal charge of 2 kg clean agent (FK-5-1-12) UL Listed gas, Constructed of MS Sheet of 1.5 mm thickness and brass forged discharge valve with MS lever.

1 GENERAL DATA

Manufacturer	:	Intime Fire Appliances Pvt. Ltd.
Trade Mark	:	"INTIME"
BIS standard code	:	IS 15683:2018
Type	:	Portable Stored Pressure

2 MATERIAL OF CONSTRUCTION

Extinguishing medium	:	Clean agent (FK-5-1-12) UL Listed gas
Body	:	MS sheet of 1.5 mm Thickness
Neck Ring	:	MS Pipe - M30x1.5 Female threaded
Valve	:	Brass - M30x1.5 Male threaded
Siphon tube	:	PVC / Aluminum
Discharge Nozzle	:	Aluminum
Pressure gauge / indicator	:	As per IS 15683:2018
Wall mounting bracket	:	MS Powder coated / Chrome Plated

3 PERFORMANCE DATA

Fire rating	:	1A : 21B
Performance requirements	:	Min. Effective discharge time : 8 Sec. (Actual : 9 Sec. Approx.)
	:	Min. Bulk range of discharge : 2 Mtr. (Actual : 3.5 Mtr. Approx.)
	:	Min. Percentage of discharge : 95% (Actual : 96% Approx.)
Temperature Range	:	-30° 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 2.5 min.
Min. Burst pressure (Pb) for body	:	55 bar (5.5 MPa) Hold for 1 min.
Leakage test	:	Inverted glass jar / Soap solution

5 TYPE TESTS

	:	As per IS 15683:2018
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6 DIMENSIONS

	:	Diameter : 108 ± 10 mm
	:	Height : 350 ± 10 mm Approx.
Thickness of sheet	:	Made up from 1.5 mm thick sheet
Full weight of extinguisher	:	4.5kg (Approx.)

7 ANTI-CORROSIVE TREATMENT

	:	Phosphate treatment followed by epoxy powder coating of body DFT not less than 50 Micron
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8 MISCELLEANEOUS

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

9 IN BOX ACCESSORIES

	:	Wall mounting bracket
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10 PACKING

	:	Corrugated boxes
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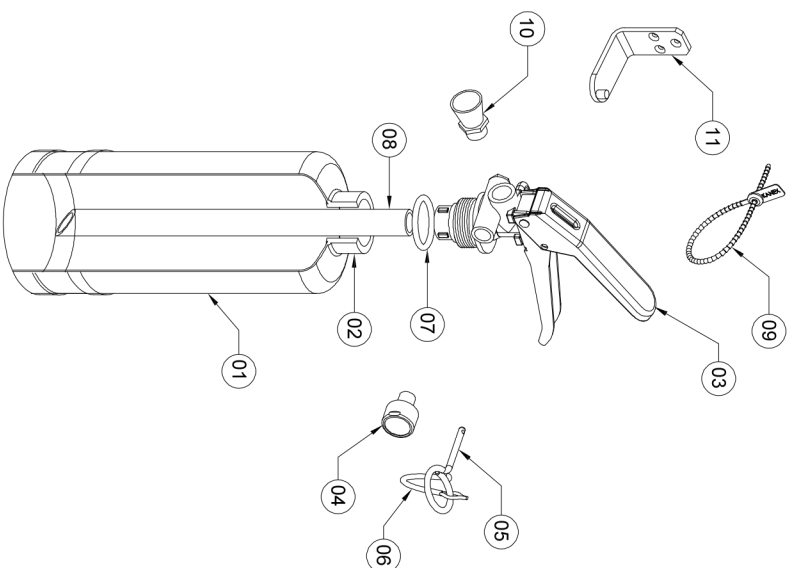
APPROVAL : PED MARKED

Sr. No	Particulars	Description
01	CAPACITY	2 KG
02	TEMPERATURE RANGE	-20°C TO +60°C
03	SERVICE PRESSURE	15 bar
04	MAX. SERVICE PRESSURE	18 bar
05	PRESSURE TEST (PT)	35 bar HOLD FOR 2.5 min.
06	MIN. BURST PRESSURE TEST (PB)	55 bar HOLD FOR 1 min.

SR. NO	PARTICULARS	DESCRIPTION
01	EFFECTIVE DISCHARGE TIME	MIN. 8 SEC. (Actual: 9 sec. appr.)
02	BULK RANGE OF DISCHARGE	MIN. 2 METER (Actual: 3.5 meter appr.)
03	PERCENTAGE OF DISCHARGE	NOT LESS THAN 95% (Actual: 96% appr.)
04	FIRE RATING	1A, 21B

INTIME YEAR PT 35 BAR CE 1128

12	EXTINGUISHING MEDIUM	CLEAN AGENT (FK-5-1-12) UL LISTED GAS	02
11	WALL MOUNTING BRACKET	MS POWDER COATED / CHROME PLATED	01
10	NOZZLE	ALUMINUM	01
09	SEAL	PP PLASTIC	01
08	SIPHON TUBE	ALUMINUM / PVC	01
07	"O" RING	NITRILE RUBBER	01
06	SAFETY PIN HOLDER	RUBBER / SOFT PVC	01
05	SAFETY PIN	MS CHROME PLATED	01
04	PRESSURE GAUGE / INDICATOR	AS PER IS 15683:2018	01
03	VALVE	BRASS - M30 X 1.5 MALE THREADED	01
02	NECK RING	MS PIPE - M30 X 1.5 FEMALE THREADED	01
01	BODY	MILD STEEL SHEET OF 1.5 MM THICKNESS	01
S.R. NO	DESCRIPTION	MATERIAL	QTY.



108 ± 10 mm
(Approx)

	GAD NO. : INTIME-CLEAN AGENT-2-SP-MS		DATE		NAME	
	TITLE : CLEAN AGENT (FK-5-1-12) (STORED PRESSURE) MS BODY 2 KG FIRE EXTINGUISHER		REVISION DESCRIPTION		DATE	
	DATE		BY		DATE	
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 J. THADANI & CO. New 112/ Old 124, Sringar's Street, Chennai - 600021, Tamilnadu, India. info@jthadani.com						
SCALE : NTS		SHEET : 1 OF		044 - 4262 5223		