

## BC DRY POWDER MONNEX STORED PRESSURE 4 KG FIRE EXTINGUISHER

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

**Brief description:** These extinguishers come with nominal charge of 2 kg ( $\pm 2\%$ ) dry powder, Constructed of MS Sheet by MIG Welding process and brass forged discharge Valve, Internally & Externally epoxy powder coated.



**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	: MONNEX Dry Powder (BC Type)
Body	: Mild Steel Sheet having Max. of 0.25% C, 0.05% P and 0.05% S (IS 513)
Neck Ring	: MS 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 with nozzle	: Rubber braided EPDM hose with PVC nozzle ( Burst pressure $\geq 55$ bar )
Wall mounting bracket with screw	: MS Powder coated

### 3. PERFORMANCE DATA

Fire rating	: 183B (EN Rating)
Performance requirements	: <b>Effective discharge time</b> : 16 Sec. Approx. : <b>Bulk range of discharge</b> : 5 Mtr. Approx. : <b>Percentage of discharge</b> : 92% 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 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

	: <b>Diameter</b> : 140 $\pm$ 5 mm
	: <b>Height</b> : 490 mm Approx.
Thickness of sheet	: Made up from 2.0mm thick sheet
Full weight of extinguisher	: 5.5kg (Approx.)

### 7. ANTI-CORROSIVE TREATMENT

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

### 8. MISCELLENEOUS

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

### 9. IN BOX ACCESSORIES

: Wall mounting bracket with screw

### 10. PACKING

: Corrugated boxes (Outer box sizes: 360x170x545mm)

MARKING : AS PER IS 15683:2018

APPROVAL : CE

### DESIGN DATA

SR. NO.	PARTICULARS	DESCRIPTION
01	CAPACITY	4 KG (FILLED WITH 2 ± 2% kg)
02	TEMPERATURE RANGE	-30 °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.

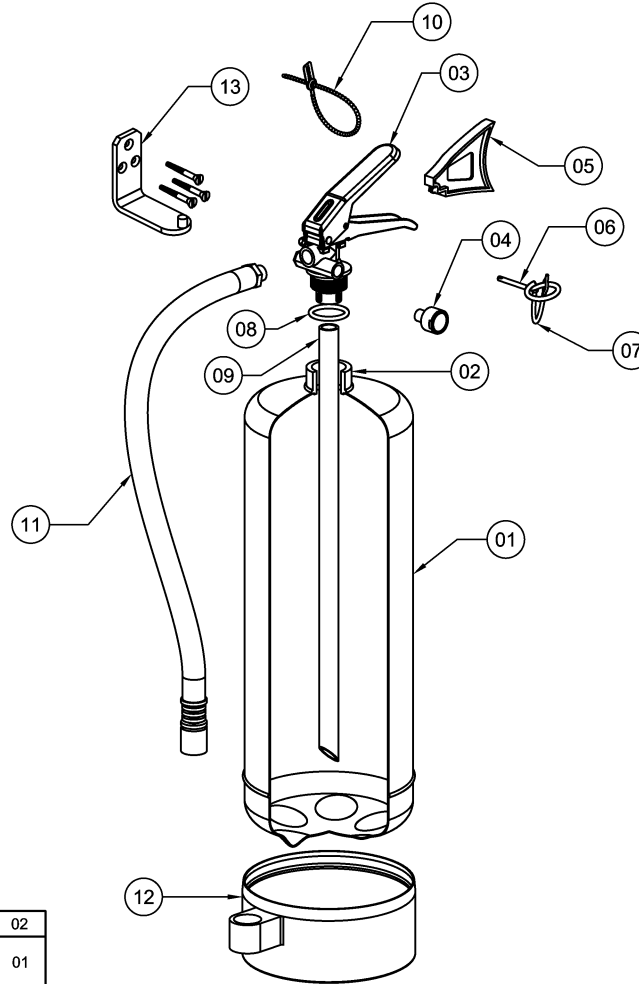
### PERFORMANCE PARAMETERS

01	EFFECTIVE DISCHARGE TIME	16 sec. aprx.
02	BULK RANGE OF DISCHARGE	5 meter aprx.
03	PERCENTAGE OF DISCHARGE	92% aprx.
04	FIRE RATING	183B (EN RATING)

HARD PUNCH MARKING:





KANEX YEAR PT 35 BAR T -30°C/+60°C X XXXXXX 4 KG  
SERIAL NO.

14	EXTINGUISHING MEDIUM	MONNEX DRY POWDER (BC TYPE)	02
13	WALL MOUNTING BRACKET WITH SCREW	MS POWDER COATED	01
12	BASE	HDPE	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	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	MS PIPE - M30 X 1.5 FEMALE THREADED	01
01	BODY	MS SHEET HAVING MAX. C=0.25%, P=0.05%, S=0.05% (CONFIRMS TO IS:513)	01
ITEM NO.	DESCRIPTION	MATERIAL	QTY.



MODEL NO. : KFMNXSHQ-4



						DATE	NAME
						DRAWN	01/08/19 MEHUL
						CHECK.	
						APPD.	
SYMBOL	REVISION DESCRIPTION			DATE	BY	<div><p><b>KANEX</b><sup>®</sup></p><p>KANADIA FYR FYTER PVT. LTD.</p><p>(AN ISO 9001:2015 CERTIFIED COMPANY)</p><p>7-8 PARAS INDUSTRIAL ESTATE, NEAR GARIBSHAH PIR, SIHOR(364240), GUJ.</p></div>	
TITLE : BC DRY POWDER MONNEX (STORED PRESSURE) 4 KG FIRE EXTINGUISHER							
GAD NO. : KFFPL/GAD/KFMNXSHQ-4							
<div></div>						SCALE : NTS	SHEET : 1 OF 1