

## MONNEX DRY POWDER (PBC UREA BASED) STORED PRESSURE 4 KG FIRE EXTINGUISHER



KANEX Monnex Dry Powder (PBC -UREA Based) Stored Pressure 4 kg Fire Extinguishers applicable on Class B, C and electrically started fires.

**Brief description:** Monnex Dry Powder (PBC -Urea based) Fire Extinguishers with nominal charge of 4 kg (+/-2%). Constructed of MS Sheet by MIG Welding process and brass forged discharge Valve.

**Factory Tested EN rating** 183B with an effective throw of about 5 meters (Min. 2 m.) and discharge about 92% (Min. 85%).

Client :

PO No.

### 1.00 GENERAL DATA

1.01	Manufacturer	Kanadia Fyr Fyter Pvt Ltd
1.02	Trade Mark	"KANEX"
1.03	Standard Code	IS 15683:2006
1.04	Type	Portable Stored Pressure
1.05	Quantity	

### 2.00 MATERIALS OF CONSTRUCTION

2.01	Extinguishing Medium	Monnex (Potassium Bi carbonate Urea based dry powder) (Confirms to IS 4308)
2.02	Body	Mild Steel Sheet having Max. of 0.25% C, 0.05% P and 0.05% S
2.03	Neck Ring	M.S. Pipe
2.04	Valve	Brass
2.05	Siphon Tube	Plastic
2.06	Pressure Gauge/indicator	As per IS 15683:2006
2.07	Wall mounting Bracket with screw	Mild steel (Powder Coated)/M.S
2.08	Discharge Hose with Nozzle	Rubber Braided EPDM Hose (Length:465mm) with Plastic Nozzle

### 3.00 GUARANTEED PERFORMANCE

3.01	Performance Requirement	<p><b>Min. effective Discharge Time:</b> 13 Sec. (Actual : 24 Sec. approx)</p> <p><b>Bulk Range of Discharge:</b> Min. 2 meter (Actual : 5 meter approx)</p> <p><b>Percentage of Discharge:</b> Not Less than 85 % (Actual : 92 % approx)</p>
3.02	Temperature Range	-30 °C to +55 °C
3.03	Service Pressure	15 bar
3.04	Maximum Service Pressure	18 bar

### 4.00 ROUTINE TESTS

4.01	Pressure test (Pt)	35 bar (3.5 MPa)
4.02	Minimum Burst Pressure test (Pb) for Body	55 bar (5.5 MPa)
4.03	Leakage test	By applying soap solution leakage to be checked
4.04	Partial discharge	The second pressure or weight shall not be less than 75% of the first after interruption of the Discharge.
4.05	Burst Pressure Test For Discharge Hose	Not Less than 35 bar (3.5 MPa)

### 5.00 TYPE TESTS

As per IS 15683

### 6.00 DIMENSIONS

6.01	Thickness of sheet	<b>Max. Diameter:</b> 150±10 mm.
6.02	Full weight of cylinder	<b>Height:</b> 530 mm (Approx.)
		Made Up of 2.0 mm
		7.3 kg (Approx)

### 7.00 ANTI - CORROSIVE TREATMENT

Phosphate Treatment followed by epoxy powder coating of body DFT not less than 50µ

### 8.00 ACCESSORIES (BRACKETS & SCREWS)

Provided

### 9.00 MISCELLANEOUS

9.01	Inspection & Testing	As per approved GTP
9.02	Finish	PO Red as per IS : 5 (Shade 538 )
9.03	Marking	As per IS 15683:2006
9.04	Approvals	CE
9.05	Maintenance, Care and Refilling	As per IS:2190

### 10.00 Packing

Corrugated boxes (Outer box sizes: 210x210x630mm)