

## BC DRY POWDER MONNEX STORED PRESSURE 2 KG FIRE EXTINGUISHER

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

**Brief description:** These extinguishers come with nominal charge of 1 kg (±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 nozzle	: PVC
Wall mounting bracket with screw	: MS Powder coated

### 3. PERFORMANCE DATA

Fire rating	: 144B (EN Rating)
Performance requirements	: <b>Effective discharge time</b> : 10 Sec. Approx. <b>Bulk range of discharge</b> : 3 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> : 106 ± 5 mm
	: <b>Height</b> : 380 mm Approx.
Thickness of sheet	: Made up from 1.8mm thick sheet
Full weight of extinguisher	: 3.1kg (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: 255x255x420mm)

