

WATER MIST STORED PRESSURE 2 LTR FIRE EXTINGUISHER

Applicable Class of fire - A, B, C, F & Electrically started fire.

Brief description: These extinguishers come with nominal charge of 2 Ltr (+5%) DM water & AFFF agent. Body constructed of MS Sheet by MIG Welding process and brass forged discharge Valve with SS lever, Internally plastic coated & Externally epoxy powder coated.



Client :

PO Number :

1. GENERAL DATA

Manufacturer	: Kanadia Fyr Fyter Pvt. Ltd.
Trade Mark	: "KANEX"
BIS standard code	: IS 15683:2018
Type	: Portable Stored Pressure

2. MATERIAL OF CONSTRUCTION

Extinguishing medium	: De Mineralized water + AFFF agent
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
Breathing & Discharge siphon tube	: PVC / Plastic
Filter with rotor	: PVC / Plastic
Pressure gauge / indicator	: As per IS 15683:2018
Discharge hose	: Rubber braided hose (Burst pressure $\geq$ 55 bar)
Discharge nozzle	: PP Plastic
Wall mounting bracket with screw	: MS - Zinc plated

3. PERFORMANCE DATA

Fire rating	: 1A : 34B : 5F
Performance requirements	: Min. Effective discharge time : 8 Sec. (Actual : 15 Sec. Approx.) Min. Bulk range of discharge : 2 Mtr. (Actual : 3 Mtr. Approx.) Min. Percentage of discharge : 95% (Actual : 97% Approx.)
Temperature Range	: +5° 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

	: Diameter : 130 $\pm$ 5 mm
	: Height : 390 mm Approx.
Thickness of sheet	: Made up from 2.0mm thick sheet
Full weight of extinguisher	: 4.24 kg (Approx.)

7. ANTI-CORROSIVE TREATMENT

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

8. MISCELLENEOUS

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

9. IN BOX ACCESSORIES

: Wall mounting bracket with screw

10. PACKING

: Corrugated boxes

DO NOT SCALE DRAWING.