

K CLASS KITCHEN (STORED PRESSURE) 3 LTR. FIRE EXTINGUISHER

KANEX K class Kitchen (Stored Pressure) 3 ltr. Fire Extinguishers applicable on Class A and Kitchen related K class fires.

Brief description: K class Kitchen Fire Extinguishers filled with wet chemical, Extinguisher with nominal charge of 3 ltr (±5%) constructed of MS Sheet by MIG Welding process and brass forged discharge valve.

Factory tested Fire rating 5F with an effective throw of about 2 meters and discharge about 96%.



Client :

PO No.

1.00 GENERAL DATA

| | | |
|------|--------------|---------------------------|
| 1.01 | Manufacturer | Kanadia Fyr Fyter Pvt Ltd |
| 1.02 | Trade Mark | KANEX |
| 1.03 | Type | Portable Stored Pressure |
| 1.04 | Quantity | |

2.00 MATERIALS OF CONSTRUCTION

| | | |
|------|----------------------------------|--|
| 2.01 | Extinguishing Medium | Wet Chemical(Blend of Potassium Acetate, Citrate or Carbonate) |
| 2.02 | Body | S.S 304 (Made up of 1mm) |
| 2.03 | Neck Ring | S.S 304 |
| 2.04 | Valve | Brass |
| 2.05 | Discharge Nozzle | Stainless Steel |
| 2.06 | O-ring | Nitryle Rubber |
| 2.07 | Safety Pin | SS |
| 2.08 | Seal | Plastic |
| 2.09 | Safety Pin Holder | Rubber/Soft PVC |
| 2.10 | Lever lock | Plastic |
| 2.11 | Siphon Tube | SS |
| 2.12 | Pressure Gauge/indicator | Brass |
| 2.13 | Wall mounting Bracket with screw | Mild steel (Powder Coated)/M.S |
| 2.14 | Discharge Hose | Rubber Braided EPDM Hose |
| 2.15 | Belt | PVC |

3.00 GUARANTEED PERFORMANCE

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| 3.01 | Performance Requirement | Effective Discharge Time: 12 Sec. Approx. Bulk Range of Discharge: About 3 meter Percentage of Discharge: About 96% |
| 3.02 | Temperature Range | +5 °C to +55 °C |
| 3.03 | Service Pressure | 9 bar |
| 3.04 | Maximum Service Pressure | 15 bar |
| 3.05 | Factory tested Fire Rating | 5F |

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 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) |

6.00 DIMENSIONS

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| 6.01 | Thickness of sheet | Max. Diameter: 140±10 mm. Height: 510 mm (Approx.) Made Up of 1 mm |
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7.00 ACCESSORIES (BRACKETS & SCREWS)

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| | | Provided |
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8.00 MISCELLANEOUS

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|------|---------------------------------|---------------------------------|
| 8.01 | Inspection & Testing | As per approved GTP |
| 8.02 | Finish | Smooth finish |
| 8.03 | Marking | Standard operating instructions |
| 8.04 | Approvals | CE |
| 8.05 | Maintenance, Care and Refilling | As per IS:2190 |
| 9.00 | Packing | Corrugated boxes |