

## K CLASS KITCHEN (STORED PRESSURE) 2 LTR. FIRE EXTINGUISHER

KANEX K class Kitchen (Stored Pressure) 2 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 2 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                   |
| 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

|      |                            |  |
|------|----------------------------|--|
| 3.01 | Performance Requirement    | <b>Effective Discharge Time:</b> 11 Sec. Approx.<br><b>Bulk Range of Discharge:</b> About 2 meter<br><b>Percentage of Discharge:</b> 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

|      |                    |  |
|------|--------------------|--|
| 6.01 | Thickness of sheet | <b>Max. Diameter:</b> 110±10 mm.<br><b>Height:</b> 440 mm (Approx.)<br>Made Up of 1 mm |
|------|--------------------|--|

### 7.00 ACCESSORIES (BRACKETS & SCREWS)

|  |  |          |
|--|--|----------|
|  |  | Provided |
|--|--|----------|

### 8.00 MISCELLANEOUS

|      |                                 |                                 |
|------|---------------------------------|---------------------------------|
| 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 | <b>Packing</b>                  | Corrugated boxes                |