

### PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Extinguisher Type:** Water mist (Squeeze grip)
- ✓ **Capacity:** 9 LTR
- ✓ **Fire Classification:** Class A B F
- ✓ **Coverage Area:** 4 Meters for 13 sec. Minimum

### STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	2 mm Low Stainless Steel
2	Valve	Brass Forged – CE with NRV and safety release valve
3	Nozzle & Discharge fitting	PVC Nozzle and M.S Fitting
4	Hose	600 mm Braided PVC (Burst pressure- 50 cm <sup>2</sup> )
5	O-Ring	Rubber
6	Plunger	Brass
7	Spring	Steel
8	CO <sub>2</sub> Gas cartridge	Mild steel
9	Cartridge holder	Brass
10	Syphon tube	PVC
11	Charge	Wet chemicals (suitable for kitchen fire, F class fire)
12	Handle & Lever	Mild Steel (Upper and lower for squeezing)
13	Wall Bracket	MS Powder coating



### PERFORMANCE & ROUTINE TEST

Minimum Discharge Duration	85% minimum within 20sec.
Effective Discharge Reach	4 meters
Hydraulic pressure test	36 KGF/CM <sup>2</sup>
Bursting pressure test	57 KGF/CM <sup>2</sup>
Working pressure	15 KGF/CM <sup>2</sup>
Operating Temperature Range	5°C to +60°C

## Testing & Quality Assurance

- Hydrostatic Pressure Evaluation
- Leakage Integrity Assessment
- Burst Pressure Endurance Test (57 CM<sup>2</sup>)
- Corrosion Resistance & Durability Check
- Inspection as per approved QAP

## Operational Guidelines (PASS)

- Disengage the Safety Pin
- Direct the Nozzle at Fire Base
- Activate by Squeezing the Handle
- Execute Sweeping Motion for Maximum Coverage

## Certifications & Compliance Approvals

- ISO 9001:2015 Accreditation
- CE Mark Conformity
- Eco-Friendly & Safe for Enclosed Spaces

## Packaging & Storage Recommendations

### Packaging Type:

Corrugated Paper box

### Ideal Storage Environment:

Cool & Dry Conditions

## Maintenance & Serviceability

- **Inspection & Testing Frequency:** As per IS Standards 2190
- **Scheduled Maintenance:** Annual Servicing Recommended
- **Refilling Interval:** Every 5 Years
- **Operational Lifespan:** 10 Years (Under Optimal Storage Conditions)

## Physical Dimensions & Weight

Specification	Details
Height	590 ± 10 mm
Cylinder Diameter	185 ± 5 mm
Filter opening	63 mm
Empty Weight	Approx. 5.2 kg
Filled Weight	Approx. 14.2 kg