

### PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 10-MOA40
- ✓ **Extinguisher Type:** ABC Stored Pressure (Portable)
- ✓ **Capacity:** 10 KG
- ✓ **Fire Classification:** Class A B C
- ✓ **Coverage Area:** 7m<sup>2</sup> for 15 sec. Minimum

### STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Top & Bottom	M.S 2mm thick & 300mm O.D
2	Bottom Holding Pipe	M.S 25mm O.D & End 1/2 BSP thread
3	Flange	M.S O.D 100mm x 21mm O.D & 1/2 BSP thread
4	Top Neck-ring	M.S M30 x 1.5
5	Bottom Neck-ring	M.S 1/2 BSP Thread
6	Sprinkler	Brass Chrome Plated, Release Temp 57°C
7	Pressure Gauge	Brass
8	Charge	Dry powder as per IS:4308
9	Painting	ULTRACOAT EP POLY (PO Red Shade 538) IS: 5
10	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied after Shot blasting (External)
11	Ceiling mounted Bracket	MS powder coated



### PERFORMAMANCE & ROUTINE TEST

Effective Discharge Reach	7 m <sup>2</sup> from 1.7m height
Hydraulic pressure test	30 KGF/CM <sup>2</sup>
Bursting pressure test	45 KGF/CM <sup>2</sup>
Working Pressure	15 KGF/ CM <sup>2</sup>
Operating temperature range	-30°C to 60°C

## Testing & Quality Assurance

- Hydrostatic Pressure Evaluation
- Leakage Integrity Assessment
- Burst Pressure Endurance Test (45 CM<sup>2</sup>)
- Corrosion Resistance & Durability Check
- Inspection as per approved QAP

## Operational Guidelines

- Automatic Release Nozzle

## Certifications & Compliance Approvals

- ISO 9001:2015 Accreditation
- 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:**
- **Scheduled Maintenance:**
- **Refilling Interval:**
- **Operational Lifespan:**

As per IS Standards 2190  
Annual Servicing Recommended  
Every 5 Years  
10 Years (Under Optimal Storage Conditions)

## Physical Dimensions & Weight

Specification	Details
Cylinder Diameter	300 ± 5 mm
Empty Weight	Approx. 4.4 kg
Filled Weight	Approx. 14.4 kg