

PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 10-MOCAFK
- ✓ **Extinguisher Type:** Modular Clean Agent (Portable)
- ✓ **Capacity:** 10 KG
- ✓ **Fire Classification:** Class A B C
- ✓ **Coverage Area:** 7m² 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	FK 5112
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



PERFORMANCE & ROUTINE TEST

Effective Discharge Reach	7 m ² from 1.7m height
Hydraulic pressure test	36 KGF/CM ²
Bursting pressure test	55 KGF/CM ²
Working Pressure	15 KGF/ CM ²
Utilization temperature	57 to 107°C

Operational Guidelines

Testing & Quality Assurance

- Automatic Release Nozzle

- ✓ Hydrostatic Pressure Evaluation
- ✓ Leakage Integrity Assessment
- ✓ Burst Pressure Endurance Test (55 CM²)
- ✓ Corrosion Resistance & Durability Check
- ✓ Inspection as per approved QAP

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:** 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
Cylinder Diameter	300 ± 5 mm
Empty Weight	Approx. 4.4 kg
Filled Weight	Approx. 14.4 kg