

PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 5-MOCASC
- ✓ **Extinguisher Type:** Modular Clean Agent (Portable)
- ✓ **Capacity:** 5 KG
- ✓ **Fire Classification:** Class A B C
- ✓ **Coverage Area:** 3.5m² for 15 sec. Minimum

STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Top & Bottom	M.S 2mm thick & 230mm 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	Saclon
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	3.5 m ² from 1.5m height
Hydraulic pressure test	36 KGF/CM ²
Bursting pressure test	55 KGF/CM ²
Working Pressure	15 KGF/ CM ²
Operating Temperature Range	-30°C to +60°C

Testing & Quality Assurance

- 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

Maintenance & Serviceability

- **Inspection & Testing Frequency:**
- **Scheduled Maintenance:**
- **Refilling Interval:**
- **Operational Lifespan:**

Operational Guidelines

- Automatic Release Nozzle

Packaging & Storage Recommendations

- Packaging Type:**

Corrugated Paper box

- Ideal Storage Environment:**

Cool & Dry Conditions

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

Physical Dimensions & Weight

Specification	Details
Cylinder Diameter	230 ± 5 mm
Empty Weight	Approx. 2.7 kg
Filled Weight	Approx. 7.7 kg