PRODUCT OVERVIEW

- ☑ **Brand:** Safex
- ☑ **Model Number:** 5-MOCAFK
- ☑ **Extinguisher Type:** Modular Clean Agent (Portable)
- ☑ **Capacity:** 5 KG
- ☑ **Fire Classification:** Class A B C
- ☑ **Coverage Area:** 3.5m^2 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	FK5112
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 CM^2)
- ☑ **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:** 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	230 ± 5 mm
Empty Weight	Approx. 2.7 kg
Filled Weight	Approx. 7.7 kg