

PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 5-MOA90
- ✓ **Extinguisher Type:** ABC Stored Pressure (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 | 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 |



PERFORMANCE & ROUTINE TEST

| | |
|-----------------------------|-------------------------------------|
| Effective Discharge Reach | 3.5 m ² from 1.5m height |
| Hydraulic pressure test | 36 KGF/CM ² |
| Bursting pressure test | 45 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 (45 CM²)
- 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 | 230 ± 5 mm |
| Empty Weight | Approx. 2.7 kg |
| Filled Weight | Approx. 7.7 kg |