

PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 9-SA90
- ✓ **Extinguisher Type:** ABC Stored Pressure (Portable)
- ✓ **Capacity:** 9 KG
- ✓ **Fire Classification:** Class A B C
- ✓ **Fire Rating:** 6A 183B
- ✓ **Coverage Area:** 5.5 Meters for 13 sec. Minimum
- ✓ **Compliance Standards:** IS 15683:2018

STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	1.5mm Stainless Steel Sheet
2	Valve	Brass Forged
3	Nozzle	M.S Nozzle
4	Hose	Braided PVC (Burst pressure- 50 cm ²)
5	O-Ring	Rubber
6	Plunger	Brass
7	Spring	Steel
8	Pressure gauge	Brass
9	Syphon tube	Plastic
10	Charge	Dry chemical powder as per IS:4308 (MAP 90%)
11	Handle & Lever	Mild Steel
12	Wall Bracket	MS powder coated



PERFORMANCE & ROUTINE TEST

Minimum Discharge Duration	85% minimum within 30sec.
Effective Discharge Reach	5.5 meters
Hydraulic pressure test	36 KGF/CM ²
Bursting pressure test	57 KGF/CM ²
Working pressure	15 KGF/CM ²
Operating Temperature Range	-30°C to +60°C
Type Test as per IS: 15683:2018	

Testing & Quality Assurance

- ✓ **Hydrostatic Pressure Evaluation** IS15683:2018
- ✓ **Leakage Integrity Assessment**
- ✓ **Burst Pressure Endurance Test** (57 CM²)
- ✓ **Corrosion Resistance & Durability Check**
- ✓ **Testing lab for UL/ISI fire rating**

Operational Guidelines (PASS)

- Disengage the Safety Pin
- Direct the Nozzle at Fire Base
- Activate by Squeezing the Handle
- Execute Sweeping Motion for Maximum Coverage

Certifications & Compliance Approvals

- ✓ IS 15683:2018 Certification
- ✓ BIS Regulatory Endorsement
- ✓ 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

- | | |
|---|--|
| <ul style="list-style-type: none"> • Inspection & Testing Frequency: • Scheduled Maintenance: • Refilling Interval: • Operational Lifespan: | <p>As per IS Standards 2190
Annual Servicing Recommended
Every 5 Years
10 Years (Under Optimal Storage Conditions)</p> |
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Physical Dimensions & Weight

Specification	Details
Height	590 ± 10 mm
Cylinder Diameter	185 ± 5 mm
Empty Weight	Approx. 3.2 kg
Filled Weight	Approx. 12.2 kg