

PRODUCT OVERVIEW

- ✓ **Brand:** Safex Fire Services Ltd
- ✓ **Model Number:** 6-AAB90
- ✓ **Extinguisher Type:** ABC Stored Pressure
- ✓ **Capacity:** 6 KG
- ✓ **Fire Classification:** Class A B C
- ✓ **Fire Rating:** 6A 183B
- ✓ **Coverage Area:** 4.5 Meters for 13 sec. Minimum
- ✓ **Compliance Standards:** IS 15683:2018



STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	2.3mm Aluminium Sheet
2	Valve	Brass Forged
3	Nozzle & Discharge fitting	M.S Nozzle and M.S Fitting
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	External coating	ULTRACOAT EPPOLY (PO Red Shade 538)
13	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting
14	Wall bracket	MS powder coated

SPECIFICATION

Minimum Discharge Duration	85% minimum within 20sec.
Effective Discharge Reach	4.5 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**

Certifications & Compliance Approvals

- IS 15683:2018 Certification
- BIS Regulatory Endorsement
- ISO 9001:2015 Accreditation
- CE Mark Conformity
- Eco-Friendly & Safe for Enclosed Spaces

Maintenance & Serviceability

- **Inspection & Testing Frequency:**
- **Scheduled Maintenance:**
- **Refilling Interval:**
- **Availability of Spare Parts:**
- **Operational Lifespan:**

As per IS Standards 2190
Annual Servicing Recommended
Every 5 Years
Valves, Hoses Replacements Available
10 Years (Under Optimal Storage Conditions)

Physical Dimensions & Weight

Specification	Details
Height	480 ± 10 mm
Cylinder Diameter	160 ± 5 mm
Empty Weight	Approx. 1.7 kg
Filled Weight	Approx. 7.7 kg

Operational Guidelines

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

Packaging & Storage Recommendations

- Packaging Type:**
Corrugated Paper box
- Ideal Storage Environment:**
Cool & Dry Conditions