

### PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 6-ALFECE
- ✓ **Extinguisher Type:** Clean Agent (Portable)
- ✓ **Capacity:** 6 KG
- ✓ **Fire Classification:** Class A B C
- ✓ **Fire Rating:** 2A 55B
- ✓ **Coverage Area:** 4 Meters for 13 sec. Minimum
- ✓ **Compliance Standards:** IS 15683:2018

### STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	Aluminium Sheet
2	Valve	Brass Forged – CE with NRV and safety release valve
3	O-ring	Rubber
4	Plunger	Brass
5	Spring	Steel
6	Syphon Tube	Plastic
7	Pressure gauge	Brass
8	Charge	HFC 236FA
9	Handle & lever	Mild Steel
10	Nozzle & Discharge fitting	Mild Steel
11	Hose	Braided PVC, Burst pressure 50 KGF/CM <sup>2</sup>
12	Painting	ULTRACOAT EP POLY (PO Red Shade 538)
13	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting
14	Wall bracket	MS POWDER COATED



### PERFORMANCE & ROUTINE TEST

Minimum Discharge Duration	95% minimum within 27sec.
Effective Discharge Reach	4 meters
Hydraulic pressure test	36 KGF/CM <sup>2</sup>
Bursting pressure test	57 KGF/CM <sup>2</sup>
Working pressure	15 KGF/CM <sup>2</sup>
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 CM<sup>2</sup>)
- Corrosion Resistance & Durability Check
- Inspection as per approved QAP
- Testing lab for UL/FM fire rating

## Operational Guidelines

- 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
- CE Mark Conformity
- 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
Height	510 ± 10 mm
Cylinder Diameter	160 ± 5 mm
Empty Weight	Approx. 1.8 kg
Filled Weight	Approx. 7.8 kg