

### PRODUCT OVERVIEW

- ✓ **Brand:** Safex Fire Services Ltd
- ✓ **Model Number:** 4-SCOWH
- ✓ **Extinguisher Type:** CO<sub>2</sub> Stored Pressure
- ✓ **Capacity:** 4.5 KG
- ✓ **Fire Classification:** Class B C
- ✓ **Fire Rating:** 34B
- ✓ **Coverage Area:** 4 Meters for 8 sec. Minimum
- ✓ **Compliance Standards:** IS 15683:2018



### STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	Seamless pipe conforming to IS: 7285, ISI marked
2	Discharge Valve	Wheel Type (Conforming to IS: 3224) ISI marked
3	Syphon tube	Aluminium conforming to IS:1285
4	Discharge Horn	Non-conductor of electricity like polyethylene fibre glass
5	CO <sub>2</sub> Gas	As per IS: 15222
6	External coating	ULTRACOAT EP POLY (PO Red Shade 538) IS:5
7	Hose	Braided rubber 1 meter, Working pressure 180 kgF/cm <sup>2</sup>
8	External coating	ULTRACOAT EPPOLY (PO Red Shade 538) IS:5
9	Wall Mounting Bracket	MS powder coated

### SPECIFICATION

Minimum Discharge Duration	95% minimum within 25sec.
Effective Discharge Reach	4 meters
Test pressure of the body	250 KGF/CM <sup>2</sup>
Working pressure (PESO approved)	60 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**
- 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
- Eco-Friendly & Safe for Enclosed Spaces

## Maintenance & Serviceability

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

## Operational Guidelines

- Disengage the Safety Pin
- Direct the Nozzle at Fire Base
- Activate by Rotating the Valve - Open
- Execute Sweeping Motion for Maximum Coverage

## Packaging & Storage Recommendations

- Packaging Type:**  
Corrugated Paper box

- Ideal Storage Environment:**  
Cool & Dry Conditions

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

## Physical Dimensions & Weight

Specification	Details
Height	690 ± 10 mm
Cylinder Diameter	140 ± 5 mm
Empty Weight	Approx. 12 kg
Filled Weight	Approx. 16.5 kg