

### PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 2-ACOWH
- ✓ **Extinguisher Type:** CO<sub>2</sub> Stored Pressure (Portable)
- ✓ **Capacity:** 2 KG
- ✓ **Fire Classification:** Class B C
- ✓ **Fire Rating:** 21B
- ✓ **Coverage Area:** 2 Meters for 8 sec. Minimum
- ✓ **Compliance Standards:** IS 15683:2018



### STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	Aluminium (IS:15660)
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	Hose	Bend and horn type
7	Painting	ULTRACOAT EP POLY (PO Red Shade 538) IS:5
8	Wall bracket	MS powder coating

### PERFORMANCE & ROUTINE TEST

Minimum Discharge Duration	95% minimum within 18sec.
Effective Discharge Reach	2 meters (minimum)
Test pressure of the body	190 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
- Inspection as per approved QAP
- Testing lab for UL/ISI fire rating

## Operational Guidelines

- Disengage the Safety Pin
- Direct the Nozzle at Fire Base
- Activate by Squeezing the handle/lever
- 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

- **Inspection & Testing Frequency:**
- **Scheduled Maintenance:**
- **Refilling Interval:**
- **Operational Lifespan:**

As per IS Standards 2190  
Annual Servicing Recommended  
Every 5 Years  
15 Years (Under Optimal Storage Conditions)

## Physical Dimensions & Weight

Specification	Details
Height	560 ± 10 mm
Cylinder Diameter	110 ± 5 mm
Empty Weight	Approx. 2.3 kg
Filled Weight	Approx. 4.3 kg