

PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 3-SCOWH
- ✓ **Extinguisher Type:** CO₂ Stored Pressure (Portable)
- ✓ **Capacity:** 3 KG
- ✓ **Fire Classification:** Class B C
- ✓ **Fire Rating:** 34B
- ✓ **Coverage Area:** 3 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 ₂ Gas | As per IS: 15222 |
| 6 | Hose | Bend and horn type |
| 7 | External coating | ULTRACOAT EP POLY (PO Red Shade 538) IS:5 |
| 8 | Wall Mounting Bracket | MS powder coated |



PERFORMANCE & ROUTINE TEST

| | |
|----------------------------------|---------------------------|
| Minimum Discharge Duration | 95% minimum within 20sec. |
| Effective Discharge Reach | 3 meters |
| Test pressure of the body | 250 KGF/CM ² |
| Working pressure (PESO approved) | 60 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
- 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 Rotating the Valve - Open
- 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:** As per IS Standards 2190
- **Scheduled Maintenance:** Annual Servicing Recommended
- **Refilling Interval:** Every 5 Years
- **Operational Lifespan:** 15 Years (Under Optimal Storage Conditions)

Physical Dimensions & Weight

| Specification | Details |
|-------------------|---------------|
| Height | 525 ± 10 mm |
| Cylinder Diameter | 140 ± 5 mm |
| Empty Weight | Approx. 9 kg |
| Filled Weight | Approx. 12 kg |