INTIME FIRE APPLIANCES PVT. LTD.
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AN ISO 9001:2015 Certified Company

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# TECHNICAL DATA SHEET

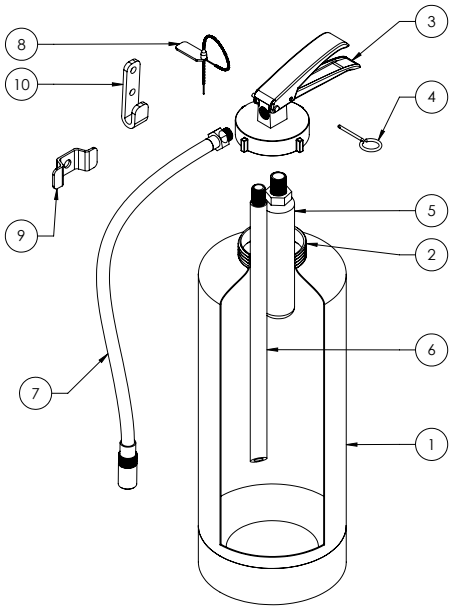
| | | | |
|---|---|---|---|
| Product Name | **DCP (SBC) TYPE FIRE EXTINGUISHER** (Cartridge Operated) | | |
| Model Number | **CT-SBC-4** | **CT-SBC-6** | **CT-SBC-9** |
| Description | These cartridge-operated extinguishers come with a nominal charge of 4 Kg, 6 Kg, or 9 Kg Sodium Bicarbonate. Constructed from 1.5 mm MS Sheet, they feature a brass forged discharge valve and a rubber braided EPDM discharge hose with a PVC nozzle. | | |




| DIMENSIONS | | | |
|---|---|---|---|
| Diameter (±10) | 140 mm | 160 mm | 180 mm |
| Height (±10) | 500 mm | 520 mm | 550 mm |
| Sheet Thickness | | 1.5 mm | |
| Full Weight (Approx) | 7.5 Kg | 10.5 Kg | 14.5 Kg |
| **ANTI-CORROSIVE TREATMENT** | | | |
| Treatment | Phosphate Treatment followed by epoxy powder coating of body; DFT ≤50 microns | | |
| **MISCELLANEOUS** | | | |
| Inspection & Testing | As per approved QAP | | |
| Approvals | BIS/PED | BIS, PED, **IRS** | |
| Marking | IS 15683:2018 | | |
| Finish | PO Red (IS: 5 (Shade 538)) | | |
| Refill & Care | IS 2190 | | |
| Packing | Corrugated boxes | | |
| Included in the Box | Wall mounting bracket | | |

| GENERAL INFORMATION | | | |
|---|---|---|---|
| Type | Cartridge Operated | | |
| Capacity | 4 Kg | 6 Kg | 9 Kg |
| Fire Rating | 144B | 89B | 144B |
| Certification | CE/EN3/IS15683 | | |
| **MATERIAL OF CONSTRUCTION** | | | |
| Ext. Medium | Sodium Bi Carbonate (IS 4308:2019) | | |
| Propellant | 60 Gm CO2 Cartridge | 120 Gm CO2 Cartridge | 200 Gm CO2 Cartridge |
| Body | Mild Steel Sheet (IS 513) | | |
| Neck Ring | MS Pipe, M74×2.0 Female threaded | | |
| Siphon Tube (Inlet/ Outlet) | PVC/Aluminium | | |
| Valve | Brass, M74×2.0 Male threaded | | |
| Discharge Hose with Nozzle | Rubber braided EPDM hose with PVC nozzle (Burst pressure ≥55 bar) | | |
| Mounting Bracket | MS Powder Coated / Chrome Plated | | |
| **PERFORMANCE DATA** | | | |
| Eff. Discharge Time | ≥13 Sec | | |
| Discharge Range | ≥2 m | | |
| % of Discharge | ≥95% | | |
| Temperature Range | -30° to 60°C | -20° to 60°C | |
| WP (Max) | 15 bar | | |
| Service P. (Max) | 18 bar | | |
| **ROUTINE TESTS** | | | |
| Hydro Pressure (Pt) | 35 bar (3.5 MPa), Hold: 150 Sec | | |
| Burst Pressure (Pb) | 55 bar (5.5 MPa), Hold: 60 Sec | | |
| Leakage Test | Inverted glass jar / Soap solution | | |
| Type Tests | IS 15683:2018 | | |

## DESIGN DATA




1. Cylinder
2. Neck Ring
3. Valve
4. Safety Pin
5. Cartridge
6. Siphon Tube
7. Discharge Hose With Nozzle
8. Seal
9. "C" Clip
10. Wall Mounting Bracket

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