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

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# TECHNICAL DATA SHEET

| | | | | | |
|---|---|---|---|---|---|
| Product Name | **DCP (ABC) TYPE FIRE EXTINGUISHER** (Stored Pressure) | | | | |
| Model Number | **STP-ABC-1** | **STP-ABC-2** | **STP-ABC-4** | **STP-ABC-6** | **STP-ABC-9** |
| Description | These extinguishers come with a nominal charge of 1 Kg, 2 Kg, 4 Kg, 6 Kg, or 9 Kg DRY CHEMICAL POWDER (MAP 40%/50%/90%) UL Listed agent. Constructed from 1.5 mm MS Sheet, they feature a brass forged discharge valve with an MS lever. | | | | |




## DIMENSIONS

| | | | | | |
|---|---|---|---|---|---|
| Diameter (±10) | 86 mm | 108 mm | 140 mm | 160 mm | 180 mm |
| Height (±10) | 300 mm | 320 mm | 500 mm | 520 mm | 550 mm |
| Sheet Thickness | | | 1.5 mm | | |
| Full Weight (Approx) | 2.2 Kg | 3.5 Kg | 6.5 Kg | 9.5 Kg | 13 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 |
| 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 | Stored Pressure | | | | |
| Capacity | 1 Kg | 2 Kg | 4 Kg | 6 Kg | 9 Kg |
| Fire Rating | 1A:21B | 2A:55B | 4A:144B | 6A:233B | 6A:233B |
| Certification | CE/EN3/IS15683 | | | | |

## MATERIAL OF CONSTRUCTION

| | |
|---|---|
| Ext. Medium | MAP (40%/50%/90%), UL Listed, IS 4308:2019 |
| Propellant | Nitrogen |
| Body | Mild Steel Sheet (IS 513) |
| Neck Ring | MS Pipe, M30x1.5 Female threaded |
| Siphon Tube (Inlet/ Outlet) | PVC/Aluminium |
| Valve | Brass, M30×1.5 Male threaded |
| P. Gauge/Indicator | IS 15683:2018 |
| Discharge Hose with Nozzle | Rubber braided EPDM hose with PVC nozzle (Burst pressure ≥55 bar) |
| Mounting Bracket | MS Powder Coated / Chrome Plated |

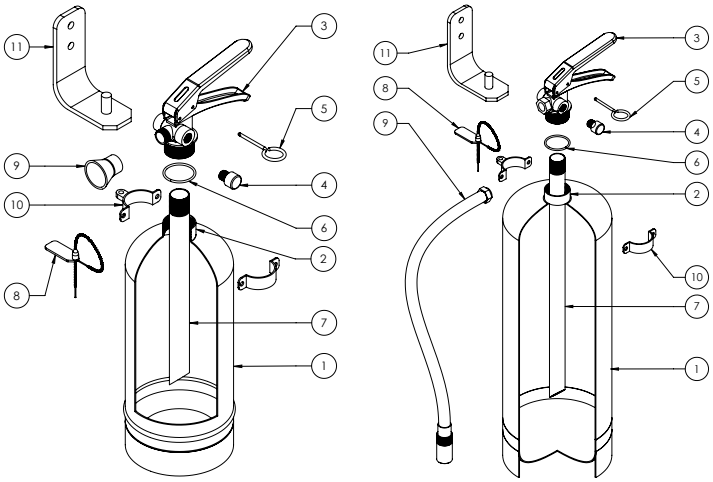
## PERFORMANCE DATA

| | | | |
|---|---|---|---|
| Eff. Discharge Time | ≥8 Sec | ≥9 Sec | ≥15 Sec |
| Discharge Range | ≥2 m | | |
| % of Discharge | ≥85% | | |
| Temperature Range | -20° to 60°C | -30° 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. Pressure Gauge / Indicator
5. Safety Pin
6. "O" Ring
7. Siphon Tube
8. Seal
9. Nozzle / Hose With Nozzle
10. Clamp
11. Wall Mounting Bracket

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