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, SS Body)		
Model Number	**CT-SBC-SS-4**	**CT-SBC-SS-6**	**CT-SBC-SS-9**
Description	These cartridge-operated extinguishers come with a nominal charge of 4 Kg, 6 Kg, or 9 Kg Sodium Bicarbonate. Constructed from 1.2 mm SS 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		1.2 mm	
Full Weight (Approx)	7.5 Kg	10.5 Kg	14.5 Kg

MISCELLANEOUS

Inspection & Testing	As per approved QAP
Approvals	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	Cartridge Operated		
Capacity	4 Kg	6 Kg	9 Kg
Fire Rating	144B	89B	144B
Certification	CE/EN3		

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	Stainless Steel (IS 513)		
Neck Ring	SS 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		

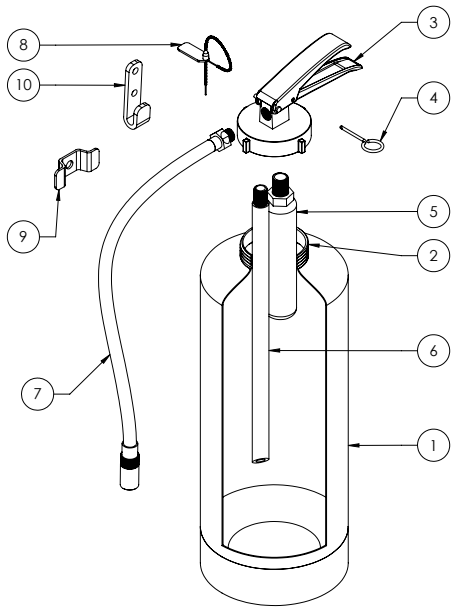
PERFORMANCE DATA

Eff. Discharge Time	≥13 Sec
Discharge Range	≥2 m
% of Discharge	≥95%
Temperature Range	-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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