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

Document No.: INTM-2025-CT-ABC
Date Last Updated: 30/05/2025

TECHNICAL DATA SHEET

Product Name	**DCP (ABC) TYPE FIRE EXTINGUISHER** (Cartridge Operated)		
Model Number	**CT-ABC-4**	**CT-ABC-6**	**CT-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 1.2 mm SS Sheet, they feature a brass forged discharge valve with an MS lever.		



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	4A:144B	3A:89B	4A:144B
Certification	CE/EN3/IS15683	CE/EN3/IS15683/**IRS**	

MATERIAL OF CONSTRUCTION

Ext. Medium	MAP (40%/50%/90%), UL Listed, 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, M74×2.0 Male threaded		
Siphon Tube (Inlet/ Outlet)	PVC/Aluminium		
Valve	Brass, M74×2.0 Female threaded		
Discharge Hose with Nozzle	Rubber braided EPDM hose with PVC nozzle (Burst pressure ≥55 bar)		
Mounting Bracket	MS Powder Coated / Chrome Plated		

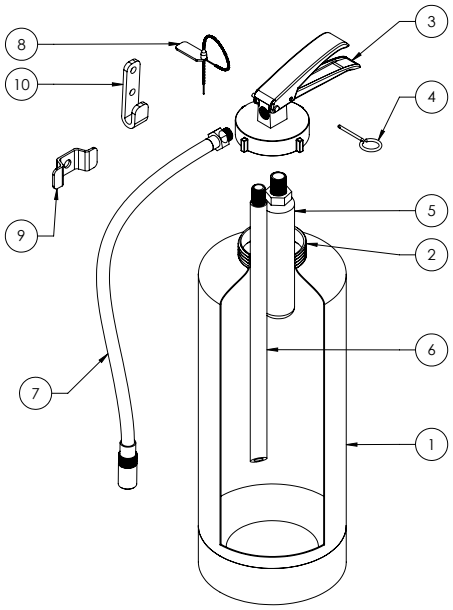
PERFORMANCE DATA

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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