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

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TECHNICAL DATA SHEET

Product Name	**TROLLEY-MOUNTED DCP (ABC) FIRE EXTINGUISHER** (External Cartridge)		
Model Number	**CTO-ABC-TM-25**	**CTO-ABC-TM-50**	**CTO-ABC-TM-75**
Description	25 Kg/50 Kg/75 Kg dry powder extinguishers, MS Sheet body, brass forged cap, epoxy coated, with CO2 cylinders (1 Kg or 2 Kg) as per IS:7285.		



DIMENSIONS			
Diameter (±10)	300 mm	400 mm	
Height (±10)	770 mm	950 mm	1200 mm
Filler Opening		75 mm	
Sheet Thickness	3 mm		
Full Weight (Approx)	74 Kg	110 Kg	130 Kg

ANTI-CORROSIVE TREATMENT	
Treatment	Phosphate treatment & epoxy powder coating (DFT ≥50 Micron)

MISCELLANEOUS	
Inspection & Testing	As per approved QAP
Approvals	BIS, PED
Marking	As per IS 16018:2012
Finish	PO Red (IS:5 (Shade 538)
Refill & Care	IS 2190
Packing	Corrugated paper & suitable jute bags

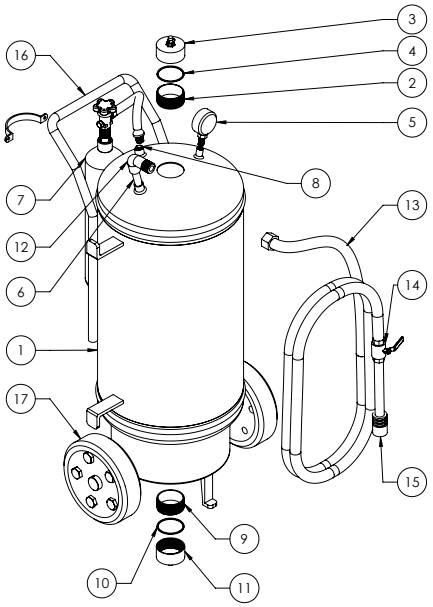
GENERAL INFORMATION			
Type	Trolley Mounted, External Cartridge		
Capacity	25 Kg	50 Kg	75 Kg
Fire Rating	20A:233B		
Certification	CE/IS 16018:2012		

MATERIAL OF CONSTRUCTION		
Ext. Medium	MAP (40%/50%/90%), UL Listed, IS 4308:2019	
Propellant	CO2 Gas	
Body	Mild Steel Sheet (IS:2062)	
Neck Ring	MS Pipe (IS:1239 (part-1))	
Cap	Brass (IS:319)	
Siphon Tube (Inlet/ Outlet)	MS pipe (IS:3601/IS:1239)	
CO2 Gas Cylinder	1 KG (IS:7285)	2KG (IS:7285)
Discharge Hose	PVC braided hose (Burst pressure ≥55 bar)	
Discharge Hose with Nozzle	Aluminium alloy nozzle (IS:617)	
Trolley	Yes	
Trolley Wheel	Solid rubber / HDPE	
Carrying Handle	MS pipe	
Drain Plug	Brass (IS:319)	

PERFORMANCE DATA	
Eff. Discharge Time	≥30 Sec
Discharge Range	≥6 m
% of Discharge	≥85%
Temperature Range	-30° to 55° C
WP (Max)	15 bar
Service P. (Max)	18 bar

ROUTINE TESTS	
Hydro Pressure (Pt)	35 bar (3.5 MPa) for 60 Sec
Burst Pressure (Pb)	55 bar (5.5 MPa) for 60 Sec
Type Tests	As per IS 16018:2012

DESIGN DATA



1. Cylinder
2. Neck Ring
3. Cap
4. 'O' Ring
5. Pressure Gauge
6. Siphon Tube
7. External Cartridge
8. Ext. Cartridge Connector
9. Drain Ring
10. Drain Plug Washer
11. Drain Plug
12. Discharge Connector
13. Discharge Hose
14. Discharge Valve
15. Discharge Nozzle
16. Carrying Handle
17. Trolley Wheel

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