INTIME FIRE APPLIANCES PVT. LTD.
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TECHNICAL DATA SHEET

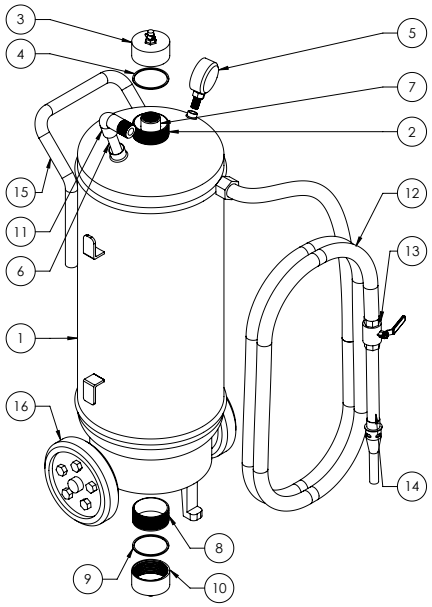
Product Name	**TROLLEY-MOUNTED MECHANICAL FOAM FIRE EXTINGUISHER** (Inside Cartridge)	
Model Number	**CTI-MF-TM-25**	**CTI-MF-TM-45**
Description	25L M-Foam extinguishers, MS Sheet body, brass forged cap, epoxy coated	



DIMENSIONS		
Diameter (±10)	300 mm	400 mm
Height (±10)	770 mm	950 mm
Filler Opening	75 mm	
Sheet Thickness	3 mm	
Full Weight (Approx)	74 Kg	110 Kg
ANTI-CORROSIVE TREATMENT		
Treatment	Phosphate treatment & epoxy powder coating (DFT ≥50 Micron)	
MISCELLANEOUS		
Inspection & Testing	As per approved QAP	
Approvals	PED	PED/BIS/IRS
Marking	As per IS 16018:2012	
Finish	PO Red (IS:5 (Shade 536/538)	
Refill & Care	As per IS 2190	
Packing	Corrugated paper & suitable jute bags	

GENERAL INFORMATION		
Type	Trolley Mounted, Internal Cartridge	
Capacity	25 L	45 L
Fire Rating	20A:233B	
Certification	CE	CE/IS16018
MATERIAL OF CONSTRUCTION		
Ext. Medium	DM water +6% AFFF agent (IS:4989 complied)	
Propellant	CO2 Gas	
Pressure Gauge	N/A	
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	300 Gm Cartridge	
Discharge Hose	PVC braided hose (Burst pressure ≥55 bar)	
Discharge Hose with Nozzle	Aluminium alloy nozzle (IS:617)/PVC nozzle	
Trolley	Yes	
Trolley Wheel	Solid rubber / HDPE	
Carrying Handle	MS pipe (IS:1239)	
Drain Plug	Brass (IS:319)	
PERFORMANCE DATA		
Eff. Discharge Time	≥30 Sec	
Discharge Range	≥6 m	
% of Discharge	≥85%	
Temperature Range	5° 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. Internal Cartridge
8. Drain Ring
9. Drain Plug Washer
10. Drain Plug
11. Discharge Connector
12. Discharge Hose
13. Discharge Valve
14. Discharge Nozzle
15. Carrying Handle
16. Trolley Wheel

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