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 MECHANICAL FOAM FIRE EXTINGUISHER** (External Cartridge)				
Model Number	**CTO-MF-TM-25**	**CTO-MF-TM-45**	**CTO-MF-TM-75**	**CTO-MF-TM-90**	**CTO-MF-TM-150**
Description	25L M-Foam extinguishers, MS Sheet body, brass forged cap, epoxy coated				



DIMENSIONS					
Diameter (±10)	300 mm		400 mm		600 mm
Height (±10)	770 mm	950 mm	1200 mm	1280 mm	1350 mm
Filler Opening	75 mm				
Sheet Thickness	3 mm				≥3 mm
Full Weight (Approx)	74 Kg	110 Kg	130 Kg	N/A	N/A

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

MISCELLANEOUS	
Inspection & Testing	As per approved QAP
Approvals	PED
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

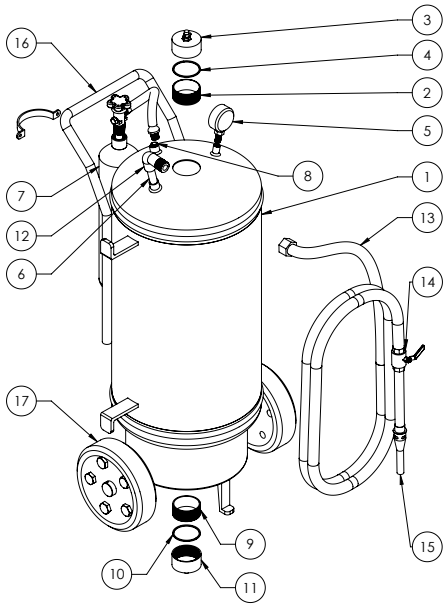
GENERAL INFORMATION					
Type	Trolley Mounted, External Cartridge				
Capacity	25 L	45 L	75 L	90 L	150 L
Fire Rating	20A:233B				
Certification	CE				

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. 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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21 A, Ghanshyam Industrial Estate, Off Veera Desai Road, Andheri West, Mumbai, Maharashtra, INDIA - 400 053
D/24/6, TTC Industrial Area, MIDC Turbhe, Navi Mumbai, Maharashtra, INDIA - 400 705
SafeWithIntime
+91 22 4601 4392 | +91 22 4016 5950 | ho@intimefire.com | www.intimefire.com