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

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TECHNICAL DATA SHEET

Product Name	**MECHANICAL FOAM TYPE FIRE EXTINGUISHER** (Stored Pressure)	
Model Number	**STP-MF-6**	**STP-MF-9**
Description	These 6/9 L (+5%) DM Water & 6% AFFF extinguishers, with MIG-welded MS bodies. Plastic coated inside and epoxy powder coated outside.	



DIMENSIONS		
Diameter (±10)	160 mm	180 mm
Height (±10)	520 mm	550 mm
Sheet Thickness	1.5 mm	
Full Weight (Approx)	9.5 Kg	13.8 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	PED	BIS/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	

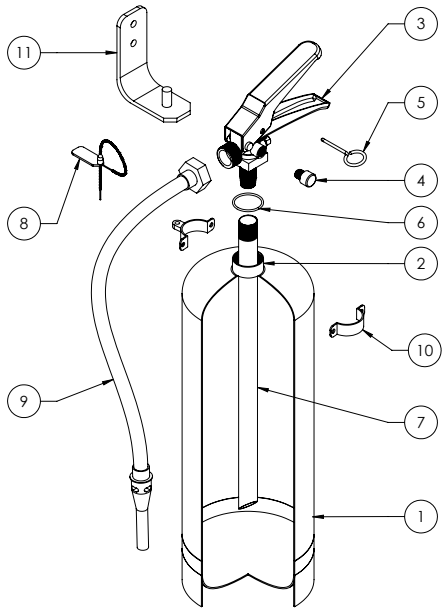
GENERAL INFORMATION		
Type	Stored Pressure	
Capacity	6 L	9 L
Fire Rating	2A:21B	4A:233B
Certification	CE/EN3	CE/EN3/IS15683

MATERIAL OF CONSTRUCTION	
Ext. Medium	DM water +6% AFFF agent (IS:4989 complied)
Propellant	Nitrogen
Body	Mild Steel (IS 513)
Neck Ring	MS Pipe, M30x1.5 Female threaded
Valve	Brass, M30x1.5 Male threaded
Siphon Tube	PVC/Aluminium
P. Gauge/Indicator	IS 15683:2018
Discharge Hose	Rubber braided EPDM hose (Burst pressure ≥55 bar)
Discharge Nozzle	PVC/Aluminium
Mounting Bracket	MS Powder coated /Chrome Plated

PERFORMANCE DATA	
Eff. Discharge Time	≥15 Sec
Discharge Range	≥2 m
% of Discharge	≥95%
Temperature Range	5° 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

DESIGN DATA



1. Cylinder
2. Neck Ring
3. Valve
4. Pressure Gauge / Indicator
5. Safety Pin
6. "O" Ring
7. Siphon Tube
8. Seal
9. Nozzle / Hose With Nozzle
10. Clamp
11. Wall Mounting Bracket

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