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

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TECHNICAL DATA SHEET

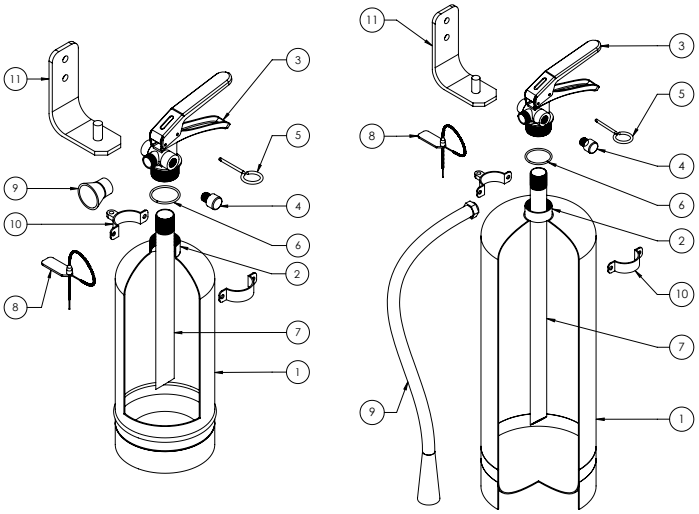
Product Name	**CLEAN AGENT FIRE EXTINGUISHER** (Stored Pressure)		
Model Number	**STP-CA-2**	**STP-CA-4**	**STP-CA-6**
Description	These extinguishers come with a nominal charge of 2 Kg, 4 Kg, or 6 Kg clean agent (HFC 227/236) UL Listed gas. Constructed from 1.5 mm MS Sheet, they feature a brass-forged discharge valve with an MS lever.		



DIMENSIONS			
Diameter (±10)	108 mm	140 mm	160 mm
Height (±10)	350 mm	500 mm	520 mm
Sheet Thickness		1.5 mm	
Full Weight (Approx)	3.5 Kg	6.5 Kg	9.5 Kg
ANTI-CORROSIVE TREATMENT			
Treatment	Phosphate treatment followed by Epoxy Powder Coating with DFT ≥50 Micron		
MISCELLANEOUS			
Inspection & Testing	As per approved QAP		
Approvals	BIS, PED		
Marking	IS 15683:2018		
Finish	PO Red (IS:5, Shade 538)		
Refill & Care	As per IS 2190		
Packing	Corrugated Boxes		
Included in Box	Wall Mounting Bracket		

GENERAL INFORMATION			
Type	Stored Pressure		
Capacity	2 Kg	4 Kg	6 Kg
Fire Rating	1A:21B	2A:34B	2A:55B
Certification	CE/EN3/IS15683		
MATERIAL OF CONSTRUCTION			
Ext. Medium	Clean Agent (HFC 227/236) UL Listed Gas		
Propellant	Nitrogen		
Body	Mild Steel (MS)		
Neck Ring	MS Pipe, M30x1.5 Female Threaded		
Siphon Tube (Inlet/ Outlet)	PVC/Aluminium		
Valve	Brass, M30x1.5 Male 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	≥8 sec	≥11 sec	≥13 sec
Discharge Range	≥2 Meters		
% of Discharge	≥95%		
Temperature Range	-30°C to 60°C	-20°C to 60°C	-30°C to 60°C
WP (Max)	15 bar		
Service P. (Max)	18 bar		
ROUTINE TESTS			
Hydro Pressure (Pt)	35 bar (3.5 MPa), Hold Time: 2.5 minutes		
Burst Pressure (Pb)	55 bar (5.5 MPa), Hold Time: 1 minute		
Leakage Test	Inverted glass jar/Soap solution test		
Type Tests	As per IS 15683:2018		

DESIGN DATA



9. Cylinder
10. Neck Ring
11. Valve
12. Pressure Gauge / Indicator
13. Safety Pin
14. "O" Ring
15. Siphon Tube
16. Seal
17. Nozzle / Hose With Nozzle
18. Clamp
19. Wall Mounting Bracket

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