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

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TECHNICAL DATA SHEET

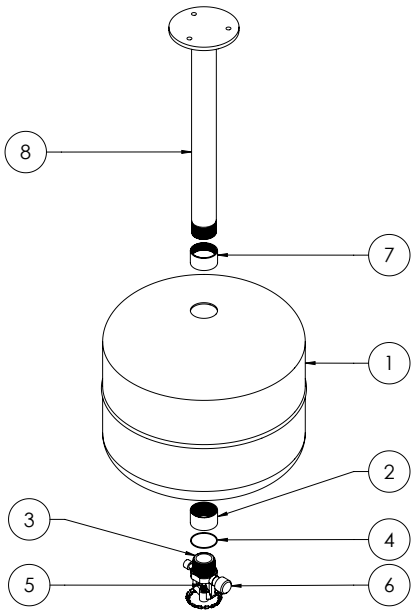
Product Name	**CEILING MOUNTED CLEAN AGENT MODULAR FIRE EXTINGUISHER** (Stored Pressure)			
Model Number	**STP-CA-MOD-2**	**STP-CA-MOD-5**	**STP-CA-MOD-10**	**STP-CA-MOD-15**
Description	These extinguishers come with a nominal charge of 2 Kg, 5 Kg, 10 Kg, or 15 Kg Clean Agent (HFC 227/236) UL Listed gas. Constructed from MS Sheet using MIG welding process, fitted with a brass forged sprinkler-type valve, and internally and externally epoxy powder coated.			



DIMENSIONS				
Diameter (±10)	180 mm	240 mm	300 mm	
Height (±10)	200 mm	220 mm	250 mm	310 mm
Sheet Thickness	1.5 mm			
Full Weight (Approx)	3.3 Kg	7.6 Kg	13.8 Kg	19.2 Kg
ANTI-CORROSIVE TREATMENT				
Treatment	Phosphate treatment followed by Epoxy Powder Coating with DFT ≥50 Micron			
MISCELLANEOUS				
Inspection & Testing	As per approved QAP			
Approvals	PED			
Marking	As per IS 15683:2018			
Finish	PO Red (IS:5, Shade 538)			
Refill & Care	As per IS 2190			
Packing	Corrugated Boxes			
Included in the Box	Ceiling Mounting Bracket			

GENERAL INFORMATION				
Type	Ceiling Mounted Automatic Modular			
Capacity	2 Kg	5 Kg	10 Kg	15 Kg
Certification	CE1128			
MATERIAL OF CONSTRUCTION				
Ext. Medium	Clean agent (HFC 236FA/227EA) UL Listed gas			
Propellant	Nitrogen			
Body	Mild Steel (IS 513)			
Neck Ring	MS Pipe, M30x1.5 Female threaded			
Valve	Brass forged, M30x1.5 Male threaded - Sprinkler type			
P. Gauge/Indicator	IS 15683:2018			
Sensing Element	Glass bulb 68°C			
Mounting Stand	MS Powder coated			
PERFORMANCE DATA				
Eff. Discharge Time	5-8 sec	8-12 sec	15-20 sec	20-25 sec
% of Discharge	≥95%			
Temperature Range	-30°C to 60°C			
WP (Max)	15 bar			
Service P. (Max)	18 bar			
Mounting Height	1.5 m	1.5-2 m	1.75-2.25 m	2-3 m
Area Coverage	4-4.5 M²			
Volume Coverage	6 M³ (Estimated)			
ROUTINE TESTS				
Hydro Pressure (Pt)	35 bar (3.5 MPa), Hold: 60 sec			
Burst Pressure (Pb)	55 bar (5.5 MPa), Hold: 60 sec			
Leakage Test	Inverted glass jar/Soap solution test			
Type Tests	As per IS 15683:2018			

DESIGN DATA



1. Cylinder
2. Neck Ring
3. Sprinkler Valve
4. "O" Ring
5. Sensing Element
6. Pressure Gauge/Indicator
7. Bottom Neck Ring for Mount
8. Ceiling Mount

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