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, SS Body)
Model Number	**STP-CA-SS-MOD-2** **STP-CA-SS-MOD-5** **STP-CA-SS-MOD-10** **STP-CA-SS-MOD-15**
Short 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. They are constructed from Stainless Steel Sheet, fitted with a brass forged sprinkler-type valve.



DIMENSIONS				
Diameter (±10)	180 mm	240 mm	300 mm	
Height (±10)	200 mm	220 mm	250 mm	310 mm
Sheet Thickness	1.2 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

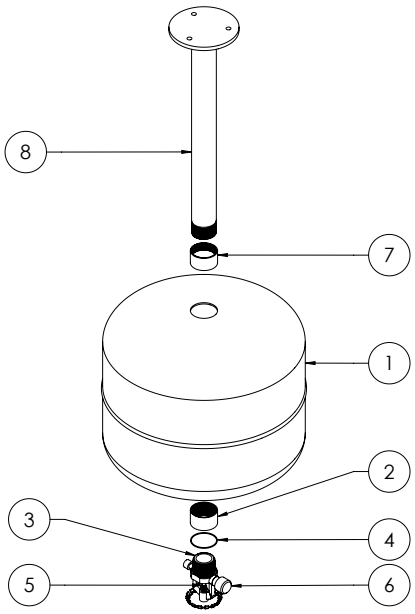
GENERAL INFORMATION				
Type	Ceiling Mounted Automatic Modular			
Capacity	2 Kg	5 Kg	10 Kg	15 Kg
Certification	CE1128			

MATERIAL OF CONSTRUCTION	
Ext. Medium	Clean agent (HFC 236FA/227EA) UL Listed gas
Propellant	Nitrogen
Body	Stainless Steel (IS 513)
Neck Ring	SS 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	Stainless Steel

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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