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 DCP MODULAR FIRE EXTINGUISHER** (Stored Pressure)			
Model Number	**STP-ABC-MOD-2**	**STP-ABC-MOD-5**	**STP-ABC-MOD-10**	**STP-ABC-MOD-15**
Description	These extinguishers come with a nominal charge of 2 Kg, 5 Kg, 10 Kg, or 15 Kg Dry Powder (MAP 40%/50%/90%). They are constructed from MS Sheet , fitted with a brass forged sprinkler-type valve, and internally and externally epoxy powder coated.			



DIMENSIONS

Diameter (±10 mm)	180 mm	240 mm	300 mm	
Height (±10 mm)	200 mm	220 mm	250 mm	310 mm
Sheet Thickness	1.5 mm			
Full Weight (Approx.)	3.6 Kg	7.6 Kg	13.4 Kg	19.2 Kg

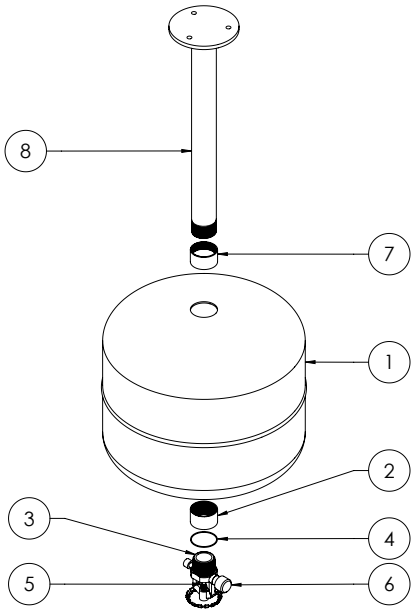
ANTI-CORROSIVE TREATMENT

Treatment	Phosphate Treatment followed by epoxy powder coating of body; DFT ≤50 microns

MISCELLANEOUS

Inspection & Testing	As per approved QAP
Approvals	PED
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

DESIGN DATA



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

GENERAL INFORMATION

Type	Ceiling mounted automatic modular			
Capacity	2 Kg	5 Kg	10 Kg	15 Kg
Certification	CE1128			

MATERIAL OF CONSTRUCTION

Ext. Medium	Dry Powder (MAP 40%/50%/90%) Confirming To IS:4308
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° 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	3 x 3 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

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