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

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TECHNICAL DATA SHEET

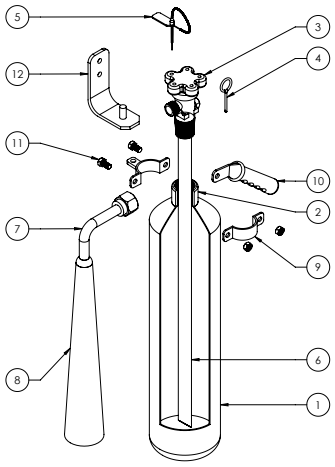
Product Name	**CARBON DIOXIDE FIRE EXTINGUISHER** (Stored High Pressure, Aluminium Body)	
Model Number	**SHP-CO2-AL-2**	**SHP-CO2-AL-4H**
Description	These extinguishers are available with a nominal charge of 2 kg or 4.5 kg of high-purity carbon dioxide gas. The body is constructed from seamless aluminium alloy and is fitted with a brass wheel-type valve. The extinguisher is finished for a long-lasting, corrosion-resistant coating.	

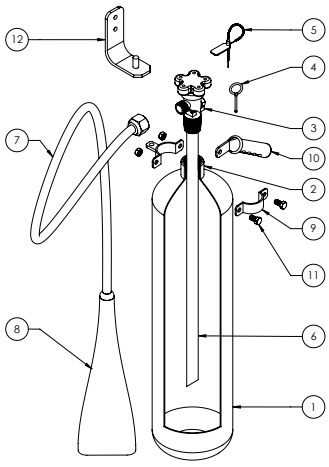


DIMENSIONS		
Diameter (±5)	108 mm	140 mm
Height (±10)	580 mm	700 mm
Shell Thickness	≥4.0 mm	
Full Weight (Approx)	8.2 kg	11.5 kg
MISCELLANEOUS		
Inspection & Testing	As per approved QAP	
Approvals	PED	BIS/PED
Marking	IS 15683:2018	
Finish	IS: 5 (Shade 536/538)	
Refill & Care	As per IS 2190	
Packing	Corrugated boxes	
Included in the Box	Wall mounting bracket	

GENERAL INFORMATION		
Type	Stored High Pressure	
Capacity	2 kg	4.5 kg
Fire Rating	21B	55B
Certification	CE/EN3	PESO/CE/IS 15683
MATERIAL OF CONSTRUCTION		
Ext. Medium	CO2 gas (Purity 99.5% as per IS:15222)	
Propellant	Self-expelling	
Body	Seamless Aluminium Alloy (6061) - ISI Marked, conforms to IS:15660	
Siphon Tube (Inlet/ Outlet)	Aluminium	
Valve	Brass - Wheel Type (IS:3224)	
Discharge Nozzle	Electrical non-conductor Polyethylene - Discharge horn	
Discharge Applicator	MS Bend pipe	Wire braided hose (Burst pressure ≥275 bar)
Mounting Bracket	MS Powder coated	
PERFORMANCE DATA		
Eff. Discharge Time	≥8 sec	≥9 sec
Discharge Range	≥2 meters	
% of Discharge	≥95%	
Temperature Range	−20°C to 60°C	
WP (Max)	60-70 bar	
Test Pressure	190 bar (19 MPa)	
ROUTINE TESTS		
Hydro Pressure (Pt)	190 bar (19 MPa)	
Leakage Test	Water Submersion	
Type Tests	As per IS 15683:2018	

DESIGN DATA





1. Cylinder
2. Neck Ring
3. Wheel Type Valve
4. Safety Pin
5. Seal
6. Siphon Tube
7. Bend Pipe / Discharge Hose
8. Discharge Horn
9. Clamp
10. Handle
11. Nut-Bolt
12. Wall Mounting Bracket

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