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

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TECHNICAL DATA SHEET

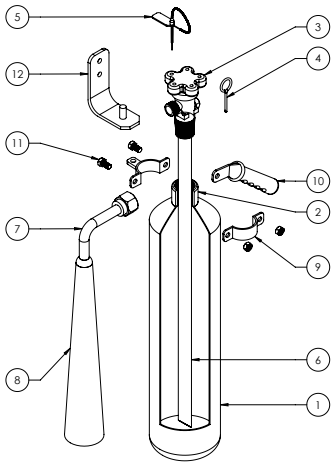
Product Name	**CARBON DIOXIDE FIRE EXTINGUISHER** (Stored High Pressure)		
Model Number	**SHP-CO2-2**	**SHP-CO2-3**	**SHP-CO2-4H**
Description	These extinguishers come with a nominal charge of 2 Kg, 3 Kg, or 4.5 Kg (+5%) carbon dioxide. The body is constructed by hot spinning of seamless pipe and fitted with a brass forged discharge valve. The extinguisher is enamel spray painted for a durable finish.		

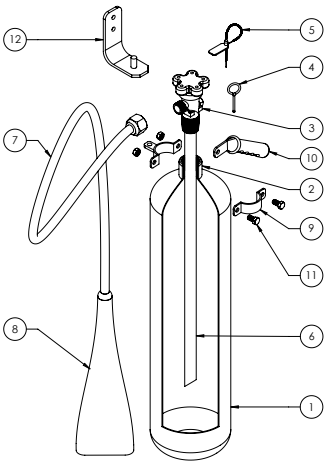


DIMENSIONS			
Diameter (±5)	108 mm	140 mm	
Height (±10)	580 mm	525 mm	700 mm
Shell Thickness	≥3.5 mm	≥4.0 mm	
Full Weight (Approx)	8.2 or 8.9 Kg	11.4 or 12.5 Kg	16.4 Kg
MISCELLANEOUS			
Inspection & Testing	As per approved QAP		
Approvals	BIS/PESO/PED		BIS/PESO/PED/ **IRS**
Marking	IS 15683:2018		
Finish	IS: 5 (Shade 536/538)		
Refill & Care	IS 2190		
Packing	Corrugated boxes		
Included in the Box	Wall mounting bracket		

GENERAL INFORMATION			
Type	Stored High pressure		
Capacity	2 Kg	3 Kg	4.5 Kg
Fire Rating	21B	34B	55B
Certification	CE/EN3/IS15683		
MATERIAL OF CONSTRUCTION			
Ext. Medium	CO2 gas (Purity 99.5% as per IS:15222)		
Body	Seamless Manganese Steel - ISI marked (IS:7285)		
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 m		
% of Discharge	≥95%		
Temperature Range	−20° to 60°C		
WP (Max)	60-70 bar		
Test Pressure	225 bar		
ROUTINE TESTS			
Hydro Pressure (Pt)	225 bar (22.5 MPa)		
Leakage Test	Water Submersion		
Type Tests	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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