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

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TECHNICAL DATA SHEET

Product Name	**DCP (PBC) TYPE FIRE EXTINGUISHER** (Stored Pressure)		
Model Number	**STP-PBC-4**	**STP-PBC-6**	**STP-PBC-9**
Description	These stored pressure extinguishers come with a nominal charge of 4 Kg, 6 Kg, or 9 Kg Potassium Bicarbonate. Constructed from 1.5 mm MS Sheet, they feature a brass forged discharge valve and a rubber braided EPDM discharge hose with a PVC nozzle.		



DIMENSIONS			
Diameter (±10)	140 mm	160 mm	180 mm
Height (±10)	500 mm	520 mm	550 mm
Sheet Thickness		1.5 mm	
Full Weight (Approx)	6.5 Kg	9.5 Kg	13 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	BIS, PED
Marking	IS 15683:2018
Finish	PO Red (IS: 5 (Shade 538))
Refill & Care	IS 2190
Packing	Corrugated boxes
Included in the Box	Wall mounting bracket

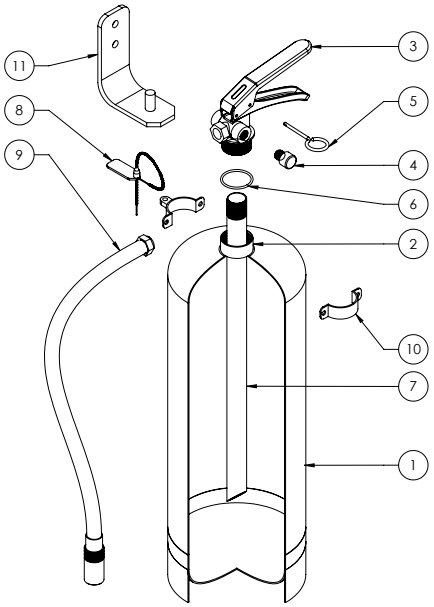
GENERAL INFORMATION			
Type	Stored Pressure		
Capacity	4 Kg	6 Kg	9 Kg
Fire Rating	55B	89B	144B
Certification	CE/EN3/IS15683		

MATERIAL OF CONSTRUCTION	
Ext. Medium	Potassium Bicarbonate (IS 4308:2019)
Propellant	Nitrogen
Body	Mild Steel Sheet (IS 513)
Neck Ring	MS Pipe, M30x1.5 Female threaded
Siphon Tube (Inlet/ Outlet)	PVC/Aluminium
Valve	Brass, M30×1.5 Male threaded
P. Gauge/Indicator	IS 15683:2018
Discharge Hose with Nozzle	Rubber braided EPDM hose with PVC nozzle (Burst pressure ≥55 bar)
Mounting Bracket	MS Powder Coated / Chrome Plated

PERFORMANCE DATA		
Eff. Discharge Time	≥13 Sec	
Discharge Range	≥2 m	
% of Discharge	≥95%	
Temperature Range	-30° to 60°C	-20° to 60°C
WP (Max)	15 bar	
Service P. (Max)	18 bar	

ROUTINE TESTS	
Hydro Pressure (Pt)	35 bar (3.5 MPa), Hold: 150 Sec
Burst Pressure (Pb)	55 bar (5.5 MPa), Hold: 60 Sec
Leakage Test	Inverted glass jar / Soap solution
Type Tests	IS 15683:2018

DESIGN DATA



1. Cylinder
2. Neck Ring
3. Valve
4. Pressure Gauge / Indicator
5. Safety Pin
6. "O" Ring
7. Siphon Tube
8. Seal
9. Nozzle / Hose With Nozzle
10. Clamp
11. Wall Mounting Bracket

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