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

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TECHNICAL DATA SHEET

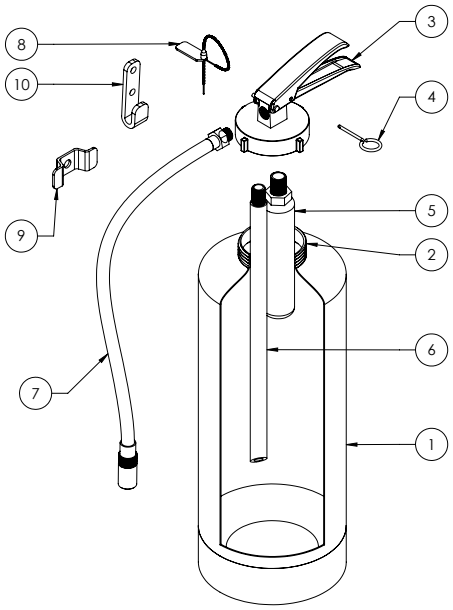
Product Name	**DCP (PBC) TYPE FIRE EXTINGUISHER** (Cartridge Operated)		
Model Number	**CT-PBC-4**	**CT-PBC-6**	**CT-PBC-9**
Description	These cartridge-operated extinguishers come with a nominal charge of 4 Kg, 6 Kg, or 9 Kg Potassium Bicarbonate. Constructed from 1.5 mm MS Sheet, they feature a brass 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)	7.5 Kg	10.5 Kg	14.5 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	BIS, PED, IRS	
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	Cartridge Operated		
Capacity	4 Kg	6 Kg	9 Kg
Fire Rating	144B	89B	144B
Certification	CE/EN3/IS15683		
MATERIAL OF CONSTRUCTION			
Ext. Medium	Potassium Bicarbonate (IS 4308:2019)		
Propellant	60 Gm CO2 Cartridge	120 Gm CO2 Cartridge	200 Gm CO2 Cartridge
Body	Mild Steel Sheet (IS 513)		
Neck Ring	MS Pipe, M74×2.0 Female threaded		
Siphon Tube (Inlet/ Outlet)	PVC/Aluminium		
Valve	Brass, M74×2.0 Male threaded		
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. Safety Pin
5. Cartridge
6. Siphon Tube
7. Discharge Hose With Nozzle
8. Seal
9. "C" Clip
10. Wall Mounting Bracket

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21 A, Ghanshyam Industrial Estate, Off Veera Desai Road, Andheri West, Mumbai, Maharashtra, INDIA - 400 053
D/24/6, TTC Industrial Area, MIDC Turbhe, Navi Mumbai, Maharashtra, INDIA - 400 705
SafeWithIntime
+91 22 4601 4392 | +91 22 4016 5950 | ho@intimefire.com | www.intimefire.com