

TECHNICAL DATA SHEET

Product Name	DCP (PBC) TYPE FIRE EXTINGUISHER (Stored Pressure, SS Body)		
Model Number	STP-PBC-SS-4	STP-PBC-SS-6	STP-PBC-SS-9
Description	These stored pressure extinguishers come with a nominal charge of 4 Kg, 6 Kg, or 9 Kg Potassium Bicarbonate. Constructed from 1.2 mm SS Sheet, they feature a brass forged discharge valve and a rubber braided EPDM discharge hose with a PVC nozzle.		



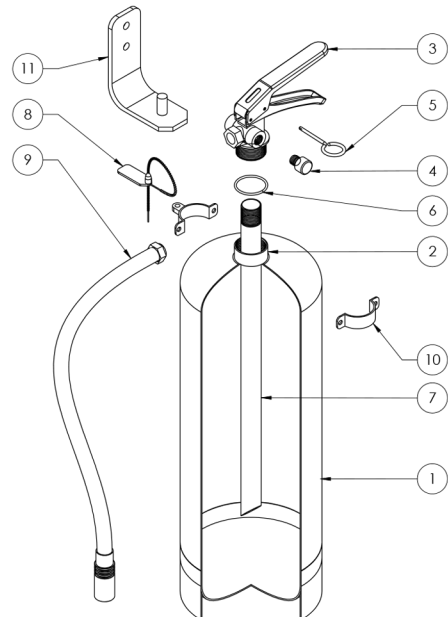
DIMENSIONS

Diameter (±10)	140 mm	160 mm	180 mm
Height (±10)	500 mm	520 mm	550 mm
Sheet Thickness	1.2 mm		
Full Weight (Approx)	6.5 Kg	9.5 Kg	13 Kg

MISCELLANEOUS

Inspection & Testing	As per approved QAP
Approvals	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

DESIGN DATA



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

GENERAL INFORMATION

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

MATERIAL OF CONSTRUCTION

Ext. Medium	Potassium Bicarbonate (IS 4308:2019)
Propellant	Nitrogen
Body	Stainless Steel (IS 513)
Neck Ring	SS Pipe, M30x1.5 Female threaded
Siphon Tube (Inlet/Outlet)	PVC/Aluminium
Valve	Brass, M30x1.5 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

DISCLAIMER: The images, drawings, and data in this data sheet are for reference purposes only and may change without notice. Intime Fire Appliances Pvt. Ltd. is not responsible for their use or accuracy unless explicitly stated. All trademarks, service marks, logos, images, and CAD drawings in this document belong to their respective owners, and unauthorized use is strictly prohibited.

MANUFACTURED IN INDIA BY INTIME FIRE APPLIANCES PVT. LTD. © 1998–2025. ALL RIGHTS RESERVED.



THADHANI®
The Experts in Safety... Since 1947

J.THADHANI & CO.

New #12/ Old #28, Stringers Street,
Chennai - 600001, Tamilnadu, India.



044 - 4262 5223



info@thadhanisafety.com



www.thadhanisafety.com