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

Document No.: INTM-2025-STP-K-SS
Date Last Updated: 30/05/2025

TECHNICAL DATA SHEET

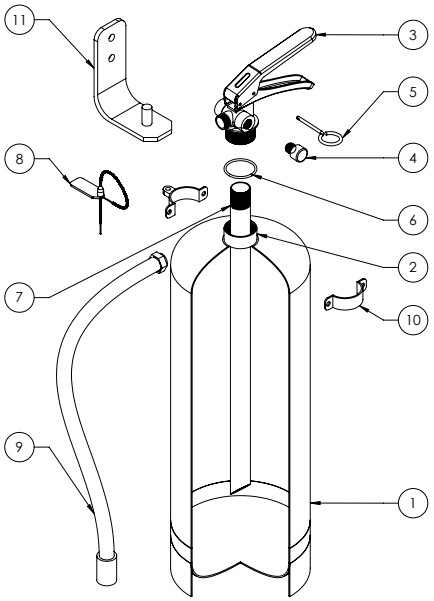
Product Name	**KITCHEN FIRE EXTINGUISHER** (Stored Pressure, SS Body)				
Model Number	**STP-K-SS-1**	**STP-K-SS-2**	**STP-K-SS-4**	**STP-K-SS-6**	**STP-K-SS-9**
Description	These stored pressure extinguishers (1 Kg, 2 Kg, 4 Kg, 6 Kg, 9 Kg) use K-class liquid potassium salts with additives. Constructed from 1.2 mm stainless steel, they feature a brass forged discharge valve and a rubber braided discharge hose with a brass spray nozzle.				



DIMENSIONS					
Diameter (±10)	86 mm	110 mm	140 mm	160 mm	180 mm
Height (±20)	320 mm	380 mm	480 mm	500 mm	550 mm
Sheet Thickness			1.2 mm		
Full Weight (Approx)	2.5 Kg	3.5 Kg	6.2 Kg	8.8 Kg	12.8 Kg

MISCELLANEOUS	
Inspection & Testing	As per IS 2190
Approvals	PED
Marking	As per IS 15683:2018
Finish	Polished stainless steel
Refill & Care	IS 2190
Packing	Corrugated boxes
Included in the Box	Wall mounting bracket, hose with nozzle, hose belt

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

GENERAL INFORMATION					
Type	Stored Pressure, Wet Chemical				
Capacity	1 Kg	2 Kg	4 Kg	6 Kg	9 Kg
Fire Rating	K class fires				
Certification	CE/EN3				

MATERIAL OF CONSTRUCTION	
Ext. Medium	(K class liquid) Potassium salts ($C_6H_5K_3O_7$) with additives
Propellant	Nitrogen
Body	Stainless Steel (IS 513)
Neck Ring	SS pipe, M30x1.5 Female threaded
Siphon Tube	PVC/Plastic
Valve	Brass, M30x1.5 male threaded
P. Gauge/Indicator	IS 15683:2018
Discharge Hose	Rubber braided hose (burst pressure ≥55 bar)
Discharge Hose with Nozzle	Brass (suitable for spray of class "K" liquid)
Mounting Bracket	MS - chrome plated

PERFORMANCE DATA			
Eff. Discharge Time	≥10 sec	≥12 sec	≥13 sec
Discharge Range	≥1.5 m	≥1.8 m	≥2 m
% of Discharge	≥90%		
Temperature Range	5°C to 60°C		
WP (Max)	15 bar		
Service P. (Max)	18 bar		

ROUTINE TESTS	
Hydro Pressure (Pt)	33 bar (3.3 MPa), Hold: 150 Sec
Burst Pressure (Pb)	33 bar (3.3 MPa), Hold: 60 Sec
Leakage Test	Inverted glass jar / soap solution

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.

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